Project work on

"ATTENDANCE MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

(Re-accredited with 'A+ Grade by NAAC)

Affliated to

MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI

For the Partial Fulfillment of the requirement for the award of degree in

BACHELOR OF COMPUTER SCIENCE

Submitted by

1. Jensi Georgina M	19AUCS19
2. Maria Iruthaya Salini J	19AUCS29
3. Pavithira S	19AUCS33
4. Rakshana B	19AUCS36
5. Sahaya Mary A	19AUCS39

Under the Supervision and Guidance of

Rev.Sr.K.Reetha M.Sc. M.Phil.,

DEPARTMENT OF COMPUTER SCIENCE

St. Mary's College (Autonomous)

(Re-accredited with 'A+ Grade by NAAC)

Thoothukudi.

2019-2022

CERTIFICATE

This is to certify that the project entitled

"PROJECT-ATTENDANCE MANAGEMENT SYSTEM"

Submitted by

1. Jensi Georgina M	**19AUCS19**
2. Maria Iruthaya Salini J	**19AUCS29**
3. Pavithira S	**19AUCS33**
4. Rakshana B	**19AUCS36**
5. Sahaya Mary A	**19AUCS39**

In partial fulfillment of the requirements for the award of degree in **BACHELOR OF COMPUTER SCIENCE** during the year 2021-2022

Guide

Head of Department

Submitted for the university exam held on 23.05.2022

23/05/22

Examiner

Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ATTENDANCE MANAGEMENT SYSTEM

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.M.Jothimani B.E. M.Sc. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil., Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

CONTENTS

S.NO	CONTENTS	PAGE NO
1	Synopsis	
2	Introduction Project overview Objective	
3	System analysis Existing system Proposed System	
4	System Requirements Hardware Requirements Software Requirements	
5	System Overview	
6	System Design Input Design Output Design	
7	System Testing and implementation System Testing System Implementation	
8	Conclusion	
9	Future Enhancements	
10	Coding	
11	Screenshots	
12	Bibliography	

1. SYNOPSIS

The **ONLINE ATTENDANCE MANAGEMENT SYSTEM** would cover all the specifications required to keep track of the attendance of the users in an Organization or school or employers. It will deal with the system of monitoring the attendance of the users based on the inputs given by the head user as per requirements through online, as well as the data transactions that take place in the respective fields of User and admin. It allows the User to take attendance of the users existing in an organization or an institution given by the head user and admin and also allows the user to list out the users with attendance reports and their issues at ease. It requires user to include the data initially and then view it by the Head user and the admin any time they try to search for an query in the application. The head user and admin can also register and change the specifics of the other user's details whenever necessary. All information about the Head user and the other users and their data are contained in the database. This report is later generated automatically and then transferred to the statistics module which enables the user to view the report visually for better understanding.

PROJECT OVERVIEW

2. INTRODUCTION

2.1 PROJECT OVERVIEW

ONLINE ATTENDANCE MANAGEMENT SYSTEM App helps Teachers, employers, managers & organizations to keep track with their user attendance details and their respective reports with an ease to use user interface design. And the App also Keeps Track of the sections of both the admin's and the head user's details and its user's attendance info which is displayed in the dashboard and Helps the head user to read the report and visualize it using the statistics report

2.2 OBJECTIVE

The main objective of the **ONLINE ATTENDANCE MANAGEMENT SYSTEM** Application is to help Teachers, employers, managers & organizations to keep track with their user attendance details and their respective reports with an visually appealing statistical report.

3. SYSTEM ANALYSIS

3.1 EXISTING SYSTEM

Although there are many different types of attendance management systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many attendance management applications have easy to use user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time consuming.
- Specific devices required.

3.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use Online attendance management system application. The **ONLINE ATTENDANCE MANAGEMENT SYSTEM** enables the Head user to keep track of the attendance of their users based on their requirements that are chosen by themselves and enables them to generate report from the given data at ease. Using the data from the users, database values are generated, which is later converted in to a report automatically by the user. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy to use User Interface and can generate visually appealing graphs using the statistical data.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response
- Interactive dashboard
- Providers dashboard enabled
- Enhancements using APIs

4. SYSTEM REQUIREMENTS

4.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 2GB & above

HDD/SSD : 100GB & above

4.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM : Windows 7 & above

IDE : Visual Code Studio

FRONT END : HTML, CSS, Bootstrap 4

BACK END : PHP, JavaScript

DATABASE : MySQL

SERVER SIDE : WAMP

5. SYSTEM OVERVIEW

5.1 MODULE DESCRIPTION

1. USER DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for users.

2. ATTENDANCE DETAILS

This module comprises of the attendance details of all the users in a single dashboard.

3. ADMIN DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for admin.

4. PROFILE

Contains the basic profile details of the user which can be later edited and deleted and also contains the password reset option.

5. STATISTICS

Statistics module displays the generated report data into a statistical report in order to showcase the reports in a visualized manner for better understanding and tracking.

6. REPORT GENERATOR

This module generates the report and helps the user save the report in different formats and also print the statistical data instantly.

7. MISCELLANEOUS

Extra pages are also offered for the application for better understanding of the application for users and additional features which is usually miscellaneous according to the application’s functionality.

5.2 SOFTWARE DESCRIPTION

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

SPECIFICATIONS :

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

RUNTIME :

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML:

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web

browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as <img /> and <input /> directly introduce content into the page. Other tags such as <p> surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed

PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK

A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%.Other notable browsers include Firefox and Microsoft Edge.

6. SYSTEM DESIGN

6.1 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of a computerized system and is often the major problem of a system.

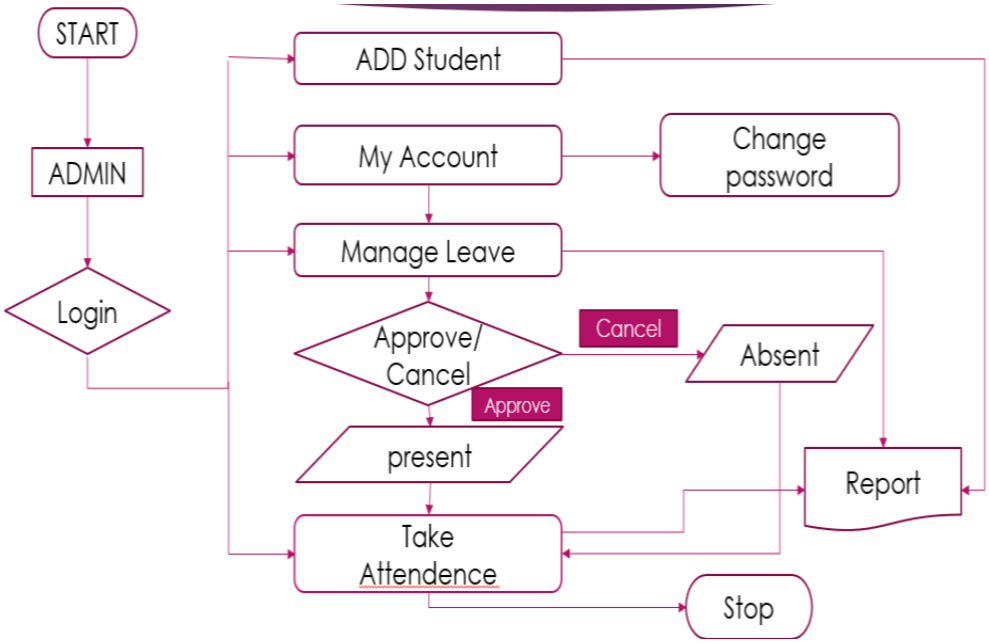
In the project, the input design is made in various web forms with various methods. The attendance data is provided in the form by the user.

6.2 OUTPUT DESIGN:

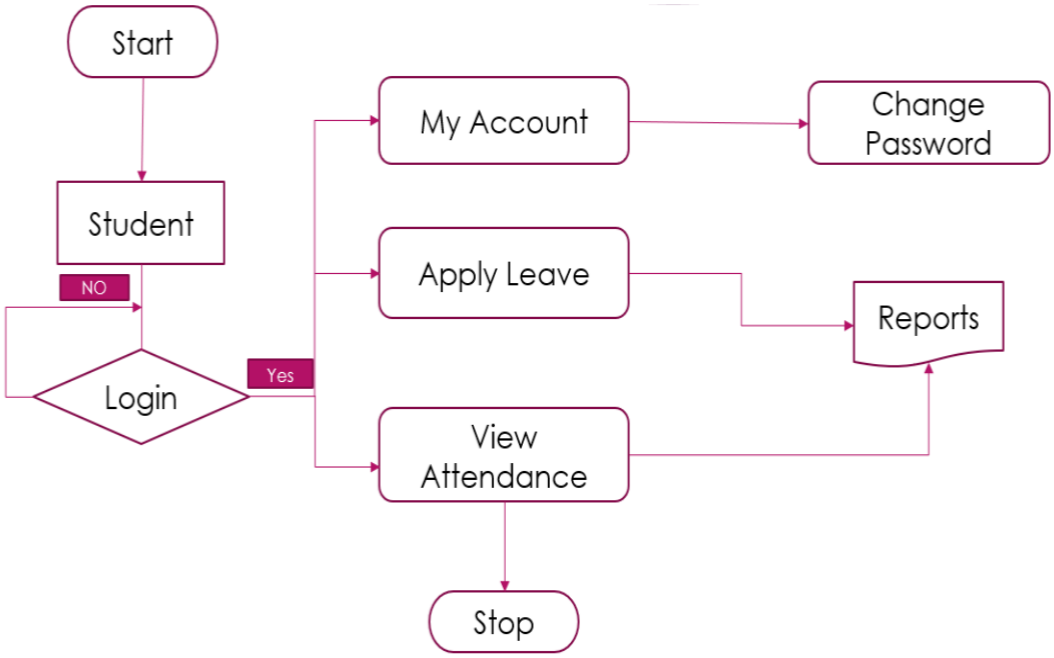
Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

In the project, the attendance section details are the web forms in statistics tables where the output is available.

STAFF FLOWCHART



STUDENT FLOWCHART



7. SYSTEM TESTING AND IMPLEMENTATION

7.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and developments,
2. Works as expected,
3. Can be implemented with the same of characteristics,
4. Satisfies the needs of stakeholders.

7.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated's design properties and/or requirements. The element is constructed employing

appropriate technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test performed by end-users using real data over an extended period of time. There are several forms of verification that people use to validate their works. The lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test
- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into sub-systems, thich are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interface between modules. The different modules were linked together and integration testing done on them.

7.2 SYSTEM IMPLEMENTATION

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments and correcting problems Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system. Adaptation of software to a new environment may involve moving the software to a different machine, or for instance, modifying the software to accommodate a new telecommunication

protocol or an additional disk drives. Problem correction involves modification and revalidation of software to correct errors.

8. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in Online attendance management system, but also the much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged.

This system is user friendly so everyone can use easily, Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

9. FUTURE ENHANCEMENTS

There is scope for future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

In future this module will work as a beneficial and time saving application and will include user databases individually.

10. CODING

class.php:

```
<?php
  session_start();
  $isIndex = 0;
  if(!(array_key_exists('teacher_id',$_SESSION) && isset($_SESSION['teacher_id']))) {
    session_destroy();
    if(!$isIndex) header('Location: index.php');
  }
?>
<?php include 'php/node_class.php'; ?>
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title>Edit Class</title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-theme.min.css">
  <script src="js/jquery.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/class.js"></script>
  <style>.form-control{display:inline-block !important; width: 185px !important;
margin:5px !important;}.details{padding:5px 10px;margin-bottom:30px;border: 1px
solid lightgrey;border-top: none;}}</style>
 </head>
 <body>
  <div id="header" class="clearfix">
    <h1>Netaji Subhas Institute of Technology</h1>
    <h3>Edit Class</h3>
  </div>
  <nav class="navbar navbar-default" id="sub-menu">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-1">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
    </div>
    <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
      <ul class="nav navbar-nav navbar-left">
        <li><a href="teacher.php">Home</a></li>
        <li><a href="profile.php">Profile</a></li>
        <li class="active"><a href="class.php">Classes</a></li>
        <li><a href="statistics.php">Statistics</a></li>
        <li><a href="logout.php">Logout</a></li>
```

```
    </ul>
   </div>
  </nav>
  <div class="container">
   <h2> You can edit details of your classes here. </h2>
   <?php
    $classes = $_SESSION['classes'];
    $teacher_id = $_SESSION['teacher_id'];
    if(!$classes) echo '<h4> You haven\'t taken any classes yet. </h4>';
    else {
     foreach($classes as $class_id) {
      $n = new Node;
      $node = $n->retrieveObjecti($class_id,$teacher_id) or die("No such record");
      $code = $node->getCode();
      $section = $node->getSection();
      $year = $node->getYear();
      $semester = $node->getSemester();

      echo '<ul class="nav nav-tabs">
            <li class="active"><a href="#"><strong>'.$code . ' ( '.$section.' ) ,
'.$year.'</strong></a></li>
          </ul>';
      echo '<div class="details" id="_'.$class_id.'_">';
      echo 'Code : <input class="form-control" name="code" value="'.$code.'"
placeholder="Enter code , eg COE-123">';
      echo 'Year : <input class="form-control" name="year" value="'.$year.'"
placeholder="Enter Year">';
      echo 'Section : <input class="form-control" name="section" value="'.$section.'"
placeholder="Enter Section">';
      echo 'Semester : <input class="form-control" name="semester"
value="'.$semester.'" placeholder="Enter Semester">';
      echo '<button class="btn btn-success update">Update</button>';
      echo '</div>';
     }
    }
   ?>
  </div>
 </body>
</html>
```

index.php:

```
<?php
 session_start();
 $isIndex = 1;
 if(array_key_exists('teacher_id',$_SESSION) && isset($_SESSION['teacher_id'])) {
  header('Location: teacher.php');
 } else {
  if(!$isIndex) header('Location: index.php');
 }
```

```
?>
<!DOCTYPE html>
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title>Student Attendance</title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-theme.min.css">
  <script src="js/jquery.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/login.js"></script>
   <!-- Custom styles for this template -->
    <link href="navbar-fixed-top.css" rel="stylesheet">
 </head>
 <body>

    <!-- Fixed navbar -->
    <nav class="navbar navbar-inverse navbar-fixed-top">
     <div class="container">
      <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
          <span class="sr-only">Toggle navigation</span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="index.php">Online Attendance</a>
      </div>
      <div id="navbar" class="navbar-collapse collapse">
        <ul class="nav navbar-nav navbar-right">
          <li class="active"><a href="#">Home</a></li>
          <li><a href="#about">About</a></li>
          <li><a href="#contact">Contact</a></li>

        </ul>
      </div><!--/.nav-collapse -->
     </div>
    </nav>
  <div class="container">
    <h2>For Students</h2>
    <h4>Click here for <a href="student.php">Student Dashboard</a></h4>
    <hr>
    <h2>For Faculty</h2>
    <div class="alert alert-warning hidden">
     <span></span>
     <button type="button" class="close"
onclick="$('.alert').addClass('hidden');">&times;</button>
    </div>
```

```
  <table class="table table-bordered table-striped">
   <thead>
    <tr>
     <th>Login</th>
     <th>Sign Up</th>
    </tr>
   </thead>
   <tbody>
    <tr>
     <td>
      <form id="login">
       <div class="form-group">
        <label>Email ID</label>
        <input class="form-control" placeholder="Email" type="email" name="email">
       </div>
       <div class="form-group">
        <label>Password</label>
        <input class="form-control" placeholder="Password" type="password"
name="password">
       </div>
       <button class="btn btn-primary pull-right">Login</button>
      </form>
     </td>
     <td>
      <form id="signup">
       <div class="form-group">
        <label>Name</label>
        <input class="form-control" placeholder="Name" type="text" name="name">
       </div>
       <div class="form-group">
        <label>Phone Number</label>
        <input class="form-control" placeholder="Phone" type="text" name="phone">
       </div>
       <div class="form-group">
        <label>Email ID</label>
        <input class="form-control" placeholder="Email" type="email" name="email">
       </div>
       <div class="form-group">
        <label>Password</label>
        <input class="form-control" placeholder="Password" type="password"
name="password">
        <span class="help-block">Password should be 6 characters long.</span>
       </div>
       <div class="form-group">
        <label>Re-type Password</label>
        <input class="form-control" placeholder="Re-type Password" type="password"
name="password2">
       </div>
       <button class="btn btn-primary pull-right">Sign Up</button>
```

```
        </form>
       </td>
      </tr>
     </tbody>
   </table>
 </div>
    <!-- FOOTER -->
    <footer style="background:; height:120%;">
      <p class="pull-right"><a href="#">Back to top</a></p>
      <p>&copy;Online attendance management system, app.</p>
    </footer>

   </div><!-- /.container -->

 </body>
</html>
```

logout.php:

```
<?php
  session_start();
  session_destroy();
  header('Location: index.php');
?>
```

profile.php

```
<?php
  session_start();
  $isIndex = 0;
  if(!(array_key_exists('teacher_id',$_SESSION) && isset($_SESSION['teacher_id']))) {
    session_destroy();
    if(!$isIndex) header('Location: index.php');
  }
?>
<?php include 'php/node_class.php'; ?>
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title>Profile</title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-theme.min.css">
  <script src="js/jquery.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/profile.js"></script>
  <!-- Custom styles for this template -->
    <link href="navbar-fixed-top.css" rel="stylesheet">
 </head>
```

```
<body>
  <!-- Fixed navbar -->
   <nav class="navbar navbar-inverse navbar-fixed-top">
    <div class="container">
     <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
       <span class="sr-only">Toggle navigation</span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="index.php">Online Attendance</a>
     </div>
     <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav navbar-right">
       <li><a href="teacher.php">Dashboard</a></li>
                        <li  class="active"><a href="profile.php">Profile</a></li>

                        <li><a href="statistics.php">Statistics</a></li>
                        <li><a href="#about">About</a></li>
       <li><a href="#contact">Contact</a></li>
                        <li><a href="logout.php">Logout</a></li>

      </ul>
     </div><!--/.nav-collapse -->
    </div>
   </nav></br></br></br></br>

  <div class="container">
   <?php
    $name = $_SESSION['name'];
    $phone = $_SESSION['phone'];
    $email = $_SESSION['email'];
    $classes = $_SESSION['classes'];
    $teacher_id = $_SESSION['teacher_id'];
    echo '<h2>Welcome , '.$name.'. Edit your profile here.</h2><br>';
   ?>
   <div class="wrapper">
    <dl class="dl-horizontal">
     <dt>Name : </dt>
     <dd>
      <div class="input-group">
      <span class="input-group-addon"><span class="glyphicon glyphicon-
user"></span></span>
       <input class="form-control" name="name" placeholder="Enter your name"
value="<?php echo $name; ?>">
      </div>
     </dd>
```

```
      <dt>Phone : </dt>
      <dd>
       <div class="input-group">
       <span class="input-group-addon"><span class="glyphicon glyphicon-
phone"></span></span>
       <input class="form-control" name="phone" placeholder="Enter your phone"
value="<?php echo $phone; ?>">
       </div>
      </dd>
      <dt>Email : </dt>
      <dd>
       <div class="input-group">
       <span class="input-group-addon">@</span>
       <input class="form-control" name="email" placeholder="Enter your email"
value="<?php echo $email; ?>">
       </div>
      </dd>
      <dt>Classes : </dt>
      <dd><?php echo $classes == 0? 0 : count($classes); ?></dd>
    </dl>
    <button class="btn btn-success update-profile">Save</button>
   </div>
  </div>
 </body>
</html>
```

session.php

```
<?php
session_start();
print_r($_SESSION);
?>
```

statistics.php:

```
<?php
 session_start();
 $isIndex = 0;
 if(!(array_key_exists('teacher_id',$_SESSION) && isset($_SESSION['teacher_id']))) {
  session_destroy();
  if(!$isIndex) header('Location: index.php');
 }
?>
<?php include 'php/node_class.php'; ?>
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title>Statistics</title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
```

```
 <link rel="stylesheet" href="css/bootstrap-theme.min.css">
 <script src="js/jquery.min.js"></script>
 <script src="js/bootstrap.min.js"></script>
 <script src="js/highcharts.js"></script>
 <script src="js/highcharts-exporting.js"></script>
 <script src="js/statistics.js"></script>
 <!-- Custom styles for this template -->
  <link href="navbar-fixed-top.css" rel="stylesheet">
</head>
<body>
  <!-- Fixed navbar -->
   <nav class="navbar navbar-inverse navbar-fixed-top">
    <div class="container">
     <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
       </button>
       <a class="navbar-brand" href="index.php">Online Attendance</a>
     </div>
     <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav navbar-right">
       <li><a href="teacher.php">Dashboard</a></li>
                        <li><a href="profile.php">Profile</a></li>

                        <li class="active"><a href="statistics.php">Statistics</a></li>
                        <li><a href="#about">About</a></li>
       <li><a href="#contact">Contact</a></li>
                        <li><a href="logout.php">Logout</a></li>

      </ul>
     </div><!--/.nav-collapse -->
    </div>
  </nav></br></br></br></br>

 <div class="container">
  <div class="wrapper">
   <?php
    $classes = $_SESSION['classes'];
    $teacher_id = $_SESSION['teacher_id'];
    $n = new Node;
    if($classes != 0) {
     $data = array();
     foreach($classes as $c) {
      $node = $n->retrieveObjecti($c,$teacher_id) or die("No such record");
```

```
        $key = $node->getCode().' ( '.$node->getSection().' ) ,'.$node->getYear();

        $total_days = $node->getDays();

        $data[$key] = array("total"=>$total_days,"average"=>0,"detained"=>0);
        if($total_days)  {
         $detained = array();
         $sum = 0;
         $count = 0;
         foreach($node->getRecords() as $roll => $rec) {
          $sum += $rec['present'];
          $count++;
          if($rec['present']/$total_days < 0.5)  $detained[$roll] =
(100*($rec['present']/$total_days));
         }
         $data[$key]['average'] = ($sum/($count));
         $data[$key]['detained'] = $detained;
        }
       }
       echo '<script> var data = '.json_encode($data).'; </script>';
       echo '<ul class="nav nav-tabs">
        <li class="active"><a href="#graph">Average Attendance</a></li>
        <li><a href="#detained">Short Attendance</a></li>
       </ul>
       <div class="content">
        <div id="graph">
        </div>
        <div id="detained">';
       foreach($data as $class => $d) {
        echo '<div class="classes">'.$class.' <span
class="badge">'.($d['detained']==0?0:count($d['detained'])).'</span> <div
class="list">';
        if($d['detained'] !=0)
         foreach($d['detained'] as $roll => $percent) {
          echo '<p>'.$roll.' ( '.$percent.' % )</p>';
         }
        echo '</div></div>';
       }
       echo '
        </div>
       </div>
       ';
      }
      else {
       echo "<h3> You have no classes added yet </h3>";
      }
    ?>
   </div>
  </div>
```

```
 </body>
</html>
```

student.php

```
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title>Student Attendance</title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-theme.min.css">
  <link rel="stylesheet" href="css/c3.css">
  <script src="js/jquery.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/highcharts.js"></script>
  <script src="js/highcharts-exporting.js"></script>
  <script src="js/jquery.knob.js"></script>
  <script src="js/student.js"></script>
  <!-- Custom styles for this template -->
   <link href="navbar-fixed-top.css" rel="stylesheet">
 </head>
 <body>
  <!-- Fixed navbar -->
   <nav class="navbar navbar-inverse navbar-fixed-top">
    <div class="container">
     <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
       <span class="sr-only">Toggle navigation</span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="index.php">Online Attendance</a>
     </div>
     <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav navbar-right">
       <li class="active"><a href="#">Home</a></li>
       <li><a href="#about">About</a></li>
       <li><a href="#contact">Contact</a></li>

      </ul>
     </div><!--/.nav-collapse -->
    </div>
   </nav></br></br></br></br></br></br></br></br></br>
 <div class="container">
  <div id="output"></div>
  <form id="getAttendance">
```

```
   <div class="form-group">
    <label>Year of course</label>
    <select name="year" class="form-control">
     <?php foreach(range(date('Y',time()),1983) as $r) echo '<option>'.$r.'</option>'; ?>
    </select>
   </div>
   <div class="form-group">
    <label>Section</label>
    <select name="section" class="form-control">
    <option>1</option><option>2</option><option>3</option>
   </select>
   </div>
   <div class="form-group">
    <label>Subject Code of Course</label>
    <input type="text" class="form-control" name="code" placeholder="Eg - COE-216">
    <span class="help-block">DDD-NNN where D : Department , N : Number</span>
   </div>
   <div class="form-group">
    <label>Roll Number</label>
    <input type="text" class="form-control" name="roll" placeholder="Eg -
262/CO/12">
    <span class="help-block">NNN/DD/YY where N : Number, D : Department , Y :
Year</span>
   </div>
   <button class="btn btn-primary">Get Results</button>
  </form>
  </div>
  </div><!-- /.container -->
   <!-- FOOTER -->
    <footer style="background:; height:;">
     <p class="pull-right"><a href="#">Back to top</a></p>
     <p>&copy; 2017 ProjectWorlds, Inc. &middot;  developed by  <a
href="https://facebook.com/yugesh.verma.35">Yugesh Verma </a><a
href="http://projectworlds.in">Privacy</a> &middot; <a
href="http://projectworlds.in">Terms</a></p>
    </footer>


 </body>
</html>
```

take.php:

```
<?php
 $isIndex = 0;
 session_start();
 if(!(array_key_exists('teacher_id',$_SESSION) && isset($_SESSION['teacher_id']))) {
  session_destroy();
```

```
   if(!$isIndex) header('Location: index.php');
  }
?>
<?php include 'php/node_class.php'; ?>
<?php
  /*
  login -> session mai save hoga kuch , which will identify the teacher
  addClass -> we will get a link , which will have cN as an identifier of the class
  we use these to find the 'object' of this particular class
  then we show the list of students , with their attendance and stuff
  then we have javascript which will function on the buttons next to each student
  then we have a save button
  */
  $teacher_id = $_SESSION['teacher_id'];
  $classes = $_SESSION['classes'];
  $name = $_SESSION['name'];

  if(!isset( $_GET['cN'] ) || empty( $_GET['cN'] )) {
   die('<h1>Invalid Request</h1>');
  }
  $class_id = $_GET['cN'];

  if(!in_array($class_id,$classes)) die( "No such record." );
  // Assuming that we have validated and thrown errors if any , we proceed
  // By finding the particular object we are talking about

  // Connecting to the database
  $classNode = new Node;
  $node = $classNode->retrieveObjecti($class_id,$teacher_id) or die("No such record");

  // Intimating the teacher about Number of Classes , and student list
  // A foreach loop which will go on till all students are covered
  $records = $node->getRecords();
?>
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title><?php echo $name. ' - '.$node->getCode(). ' ('.$node->getSection().') '.$node-
>getYear(); ?></title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-theme.min.css">
  <script src="js/jquery.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <!-- Custom styles for this template -->
   <link href="navbar-fixed-top.css" rel="stylesheet">
  <script>
   var numberOfDays = <?php echo $node->getDays(); ?>;
   var class_id = <?php echo $class_id;?>;
   var teacher_id = <?php echo $teacher_id; ?>;
```

```
 </script>
 <script src="js/take.js"></script>
</head>
<body>
  <!-- Fixed navbar -->
   <nav class="navbar navbar-inverse navbar-fixed-top">
    <div class="container">
     <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
       <span class="sr-only">Toggle navigation</span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="index.php">Online Attendance</a>
     </div>
     <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav navbar-right">
                        <li><a href="teacher.php">Dashboard</a></li>
                        <li><a href="profile.php">Profile</a></li>

                        <li><a href="statistics.php">Statistics</a></li>
                        <li><a href="#about">About</a></li>
       <li><a href="#contact">Contact</a></li>
                        <li><a href="logout.php">Logout</a></li>

      </ul>
     </div><!--/.nav-collapse -->
    </div>
   </nav></br></br></br></br>


  <div class="container">
   <?php
    echo '<h1>Welcome , '.$name.'</h1>';
    echo '<h3>Class : '.$node->getCode(). ' ('.$node->getSection().') '.$node-
>getYear().'</h3>';
    echo '<h3>Number of Classes conducted : '.$node->getDays().'</h3>';
    echo '<button class="btn btn-primary" data-toggle="modal" data-target=".bs-
example-modal-sm">Help me!</button> <button id="submit" class="btn btn-
success">Send</button>';
   ?>
   <div id="studentRecords">
   <?php
    foreach($records as $roll => $data) {
     echo '<div class="student-record">
```

```
        <span class="roll"><a href="student.php?roll='.str_replace("/","-
",$roll).'&code='.$node->getCode().'&year='.$node->getYear().'&section='.$node-
>getSection().'">'.$roll.'</a></span>:
        <span class="present">'.$data['present'].'</span>'.
        ' <button class="marker btn">A</button> <button class="btn btn-danger delete-
roll" data-toggle="modal" data-target=".delete-warning">&times;</button>
      </div>';
    }
   ?>
   </div>
   <div class="modal fade bs-example-modal-sm" tabindex="-1" role="dialog" aria-
labelledby="mySmallModalLabel" aria-hidden="true">
     <div class="modal-dialog modal-sm">
      <div class="modal-content">
       <h2 class="text-center"> Instructions </h2>
       <hr>
       <ol class="text-left">
        <li>Click on any student's roll number to see his/her records, attendance
percentage etc.</li>
        <li>The number next to any student shows the number of days he/she has
attended your class</li>
        <li>Click the <button class="btn">A</button> button next to that roll number to
mark that student as present</li>
        <li>Click the <button class="btn btn-success">P</button> button if you have
accidentally marked that student as present</li>
        <li>Click the <button class="btn btn-danger">&times;</button> button to delete
that roll number (can't undo this action)</li>
        <li>Click the <button class="btn btn-success">Send</button> button at top to
save your attendance details</li>
       </ol>
      </div>
     </div>
   </div>
   <div class="modal fade delete-warning" tabindex="-1" role="dialog" aria-
labelledby="delete-warning" aria-hidden="true">
     <div class="modal-dialog modal-sm">
      <div class="modal-content">
       <h2 class="text-center"> Do you really want to delete <span class="warning-
roll"></span> ?</h2>
       <hr>
       <div class="text-center">
        <p>
         Are you sure you want to delete <span class="warning-roll"></span> ? <br>
         You can't undo this action.
        </p>
        <button class="btn btn-danger delete-rollnumber">Delete</button> <button
class="btn btn-primary" onclick="$('.delete-warning').modal('hide');">Cancel</button>
       </div>
      </div>
```

```
    </div>
   </div>
  </div>
 </body>
</html>
```

teacher.php:

```
<?php
 session_start();
 $isIndex = 0;
 if(!(array_key_exists('teacher_id',$_SESSION) && isset($_SESSION['teacher_id']))) {
  session_destroy();
  if(!$isIndex) header('Location: index.php');
 }
?>
<?php include 'php/node_class.php'; ?>
<html>
 <head>
  <link rel="stylesheet" href="css/style.css"/>
  <title>Teacher Dashboard</title>
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-theme.min.css">
  <script src="js/jquery.min.js"></script>
  <script src="js/bootstrap.min.js"></script>
  <script src="js/teacher.js"></script>
  <!-- Custom styles for this template -->
   <link href="navbar-fixed-top.css" rel="stylesheet">
 </head>
 <body>
  <!-- Fixed navbar -->
   <nav class="navbar navbar-inverse navbar-fixed-top">
    <div class="container">
     <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#navbar" aria-expanded="false" aria-controls="navbar">
       <span class="sr-only">Toggle navigation</span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="index.php">Online Attendance</a>
     </div>
     <div id="navbar" class="navbar-collapse collapse">
      <ul class="nav navbar-nav navbar-right">
       <li class="active"><a href="teacher.php">Dashboard</a></li>
       <li><a href="profile.php">Profile</a></li>
```

```
                        <li><a href="statistics.php">Statistics</a></li>
                        <li><a href="#about">About</a></li>
        <li><a href="#contact">Contact</a></li>
                        <li><a href="logout.php">Logout</a></li>

       </ul>
      </div><!--/.nav-collapse -->
    </div>
  </nav></br></br></br></br>

 <div class="container">
  <?php
   $name = $_SESSION['name'];
   $classes = $_SESSION['classes'];
   $teacher_id = $_SESSION['teacher_id'];
   echo '<h2>Welcome , '.$name.'.</h2>';
   echo '<div class="wrapper">';
   // FOR EACH CLASS , GET IT'S INFO AND PREPARE A LINK
   $n = new Node;

   if(!$classes) {
    echo '<h3 class="no-classes">You haven\'t taken any class yet!</h3>';
   } else {
    echo '<h3 class="no-classes">Click on a class to take attendance.</h3>';
    foreach($classes as $class_id) {
     $node = $n->retrieveObjecti($class_id,$teacher_id) or die("No such record");
     $code = $node->getCode();
     $section = $node->getSection();
     $year = $node->getYear();
     $numClasses = $node->getDays();
     $link = 'take.php?cN='.$class_id;
     echo '<div class="class">
      <button class="btn btn-danger delete-class-warning" data-toggle="modal" data-
target=".delete-warning">&times;</button>
       <a class="no-decoration" href="'.$link.'">
       <div><strong>Code</strong> : <span class="code">'.$code.'</span></div>
       <div><strong>Section</strong> : <span
class="section">'.$section.'</span></div>
       <div><strong>Year</strong> : <span class="year">'.$year.'</span></div>
       <div><strong>Classes</strong> : '.$numClasses.'</div>
      </div></a>';
    }
   }
   echo '<div class="class" data-toggle="modal" data-target=".bs-example-modal-lg"
id="addClass">
     <span class="glyphicon glyphicon-plus"></span>
    </div>
   </div>';
  ?>
```

```
 </div>
 <div class="modal fade bs-example-modal-lg" tabindex="-1" role="dialog" aria-
labelledby="addClass" aria-hidden="true">
   <div class="modal-dialog modal-lg">
    <div class="modal-content">
     <h2 class="text-center"> Add Class </h2>
     <hr>
      <div id="add_class_form">
       <select class="form-control" name="year">
       <?php foreach(range(date('Y',time()),1983) as $r) echo
'<option>'.$r.'</option>'; ?>
       </select>
       <input class="form-control" name="code" placeholder="Code , Eg : COE-322">
       <select class="form-control" name="section">
       <option value="-1">Choose Section</option>
       <?php foreach(range(1,3) as $r) echo '<option>'.$r.'</option>'; ?>
       </select>
       <select class="form-control" name="semester">
       <option value="-1">Choose Semester</option>
       <?php foreach(range(1,8) as $r) echo '<option>'.$r.'</option>'; ?>
       </select>
       <input class="form-control" name="start" placeholder="Starting Roll Number
(Eg. 201/CO/12)">
       <input class="form-control" name="end" placeholder="Ending Roll Number (Eg.
265/CO/12)">
       <button class="btn btn-primary" id="add">Add Class</button>
       <button class="btn" id="cancel">Cancel</button>
      </div>
    </div>
  </div>
 </div>
 <div class="modal fade delete-warning" tabindex="-1" role="dialog" aria-
labelledby="delete-warning" aria-hidden="true">
  <div class="modal-dialog modal-sm">
   <div class="modal-content">
    <h2 class="text-center"> Do you really want to delete <br> <span class="warning-
class"></span> ?</h2>
    <hr>
    <div class="text-center">
     <p>
      Are you sure you want to delete <span class="warning-class"></span> ? <br>
      You can't undo this action.
     </p>
     <button class="btn btn-danger delete-class-code">Delete</button> <button
class="btn btn-primary" onclick="$('.delete-warning').modal('hide');">Cancel</button>
    </div>
   </div>
  </div>
```

```
 </div>
 </body>
</html>
```

attendance.sql:

```
-- phpMyAdmin SQL Dump
-- version 4.0.4
-- http://www.phpmyadmin.net
--
-- Host: localhost
-- Generation Time: May 12, 2014 at 05:39 PM
-- Server version: 5.6.12-log
-- PHP Version: 5.4.12

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;

--
-- Database: `attendance`
--
CREATE DATABASE IF NOT EXISTS `attendance` DEFAULT CHARACTER SET latin1
COLLATE latin1_swedish_ci;
USE `attendance`;

-- --------------------------------------------------------

--
-- Table structure for table `objects`
--

CREATE TABLE IF NOT EXISTS `objects` (
  `uid` int(11) NOT NULL AUTO_INCREMENT,
  `teacher_uid` int(11) NOT NULL,
  `code` varchar(50) NOT NULL,
  `year` varchar(10) NOT NULL,
  `section` varchar(50) NOT NULL,
  `object` longblob NOT NULL,
  PRIMARY KEY (`uid`),
  UNIQUE KEY `uid` (`uid`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

```
-- --------------------------------------------------------

--
-- Table structure for table `teacher`
--

CREATE TABLE IF NOT EXISTS `teacher` (
  `uid` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(25) NOT NULL,
  `email` varchar(25) NOT NULL,
  `phone` varchar(25) NOT NULL,
  `password` varchar(100) NOT NULL,
  PRIMARY KEY (`uid`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

addclass.php

```
<?php session_start(); ?>
<?php include 'node_class.php'; ?>
<?php
  $teacher_id = $_SESSION['teacher_id'];
  $code = strtoupper($_POST['code']);
  $year = $_POST['year'];
  $semester = $_POST['semester'];
  $section = $_POST['section'];
  $startRoll = strtoupper($_POST['start']);
  $endRoll = strtoupper($_POST['end']);
  $classes = $_SESSION['classes'] == 0?array():$_SESSION['classes'];

  if(verify(CODE,$code) === false) respond("error","code");
  if(verify(ROLL,$startRoll) === false) respond("error","roll");
  if(verify(ROLL,$endRoll) === false) respond("error","roll");
  if(verify(NUMBER,$semester) === false) respond("error","semester");
  if(verify(NUMBER,$section) === false) respond("error","section");
  if(verify(NUMBER,$year) === false) respond("error","year");

  $n = new Node($code,$teacher_id,$year,$semester,$section,$startRoll,$endRoll) or
respond("error","exists");
  updateSession($_SESSION['email']);
  $classes2 = $_SESSION['classes'];
  $class_id;
  foreach($classes2 as $c) {
    if(!in_array($c,$classes)) $class_id = $c;
  }
  if(!isset($class_id)) respond("error","exists");
```

```
  echo
json_encode(array("code"=>$code,"section"=>$section,"year"=>$year,"class_id"=>$clas
s_id));

?>
```

defines.php:

```
<?php
DEFINE('DB_USER','root');
DEFINE('DB_PASS','');
DEFINE('DB_HOST','localhost');
DEFINE('DB_DB','attendance');
DEFINE('EMAIL',1);
DEFINE('PHONE',2);
DEFINE('ROLL',3);
DEFINE('CODE',4);
DEFINE('NAME',5);
DEFINE('NUMBER',6);


function connectTo() {
/*
 Does -> Connects to data base
 Returns -> Connection object
*/
  $con = new mysqli(DB_HOST,DB_USER,DB_PASS,DB_DB);
  return $con;
}
function sqlReady($input) {
/*
 Takes -> Any string
 Returns -> Escapes the string
*/
  $con = connectTo();
  $string = mysqli_real_escape_string($con,$input);
  $con->close();
  return $string;
}

function hashPass($pass,$rounds = 9) {
/*
 Takes -> Password
 Returns -> Hashes the password using blow-fish algorithm
*/
  $salt = "";
  $i = -1;
  $saltChars = array_merge(range(0,9),range('a','z'),range('A','Z'));
  while(++$i < 22)
```

```
    $salt .= $saltChars[array_rand($saltChars)];
  return crypt($pass, sprintf('$2y$%02d$', $rounds) . $salt);
}
function verifyPass($input,$pass) {
/*
 Takes -> 2 Password strings
 Returns -> true if matches false if doesn't
*/
  return crypt($input,$pass) == $pass? true : false ;
}
function respond($as,$what) {
/*
 Takes -> key and value
 Does -> Dies by printing json_encoded array having the key and value
*/
  die(json_encode(array($as=>$what)));
}
function updateSession($email) {
/*
 Takes -> email
 Does -> Updates the SESSION variable as per the email
*/
  $con = connectTo();
  $exists = $con->query("select * from `attendance`.`teacher` where email = '$email'");
  $exists = $exists->fetch_assoc();
  $_SESSION['name'] = $exists['name'];
  $_SESSION['email'] = $exists['email'];
  $_SESSION['phone'] = $exists['phone'];
  $_SESSION['teacher_id'] = $exists['uid'];
  $_SESSION['classes'] = 0;
  $classes = $con->query('select uid from `objects` where teacher_uid =
'.$_SESSION['teacher_id']);
  if($classes && $con->affected_rows) {
    $cls = array();
    while($a = $classes->fetch_array()) {
      $cls[] = $a[0];
    }
    $_SESSION['classes'] = $cls;
  }
  $con->close();
  session_write_close();
}
function verify($type,$input) {
/*
 Takes -> Type of regex checker and the input
 Does -> Computes the regex
 Returns -> Returns true and false
*/
  $reEmail = '/^([\S]+)@([\S]+)\.([\S]+)$/';
```

```
  $rePhone = '/^[0-9]{10}$/';
  $reCode  = '/^([a-zA-Z]{3})\-([0-9]{3})$/';
  $reRoll  = '/^([0-9]{3})\/([a-zA-z]{2})\/([0-9]{2})$/';
  $reName  = '/^[a-zA-Z \']+$/';
  $reNum  = '/^[0-9]+$/';
  $m;
  switch($type) {
    case EMAIL :
      preg_match($reEmail,$input,$m);
    break;
    case PHONE :
      preg_match($rePhone,$input,$m);
    break;
    case CODE :
      preg_match($reCode,$input,$m);
    break;
    case ROLL :
      preg_match($reRoll,$input,$m);
    break;
    case NAME :
      preg_match($reName,$input,$m);
    break;
    case NUMBER :
      preg_match($reNum,$input,$m);
    break;
  }
 return count($m) == 0? false : true;
}
?>
```

delete_class.php:

```
<?php
  session_start();
  include 'node_class.php';
  $code = $_POST['code'];
  $section = $_POST['section'];
  $year = $_POST['year'];

  $classNode = new Node;
  $node = $classNode->retrieveObject($code,$section,$year) or
respond("error","not_found");
  if($node->getTeacherID() == $_SESSION['teacher_id']) {
    if($node->deleteNode()) {
      updateSession($_SESSION['email']);
      respond("error","none");
    }
    respond("error","failure");
  }
```

```
 respond("error","illegal");
?>
```

delete_roll.php:

```
<?php
 session_start();
 include 'node_class.php';
 $teacher_id = $_SESSION['teacher_id'];
 $class_id = $_POST['class_id'];
 $roll = $_POST['roll'];

 if(!in_array($class_id,$_SESSION['classes'])) respond("error","not_found");

 $classNode = new Node;
 $node = $classNode->retrieveObjecti($class_id,$teacher_id) or
respond("error","not_found");

 if($node->deleteRoll($roll)) {
  $node->saveNode();
  respond("error","none");
 }
 respond("error","roll_not_found");
?>
```

get_attendance.php:

```
<?php
 include 'node_class.php';
 $roll = isset($_POST['roll'])?$_POST['roll']:die();
 $section = isset($_POST['section'])?$_POST['section']:die();
 $code = isset($_POST['code'])?$_POST['code']:die();
 $year = isset($_POST['year'])?$_POST['year']:die();
 $con = connectTo();
 $o = new Node;
 if($o = $o->retrieveObject($code,$section,$year)) {
  if($o->getTimeline($roll)) {
    die(json_encode(array("timeline"=>$o->getTimeline($roll),"percent"=>$o-
>getPercent($roll),"teacher"=>$o->getTeacherName(),"count"=>$o->getDays())));
  }
  die(json_encode(array("error"=>"NOT_IN_RECORDS")));
 }
 die(json_encode(array("error"=>"NO_RECORD")));
?>
```

mark_attendance.php:

```
<?php session_start(); ?>
<?php include 'node_class.php'; ?>
<?php
 $content = $_POST['content'];
 $class_id = $_POST['class_id'];
 $teacher_id = $_POST['teacher_id'];


 if(!in_array($class_id,$_SESSION['classes'])) respond("error","not_found");

 // Create node
 $classNode = new Node;
 // Retrieve object
 $node = $classNode->retrieveObjecti($class_id,$teacher_id) or die("No such record");
 // Set presence
 foreach($content as $c) {
  $node->setPresence($c['roll'],$c['newpresent'],$c['timestamp']);
 }
 $node->setDays($node->getDays()+1);
 // Save object
 $node->saveNode();
 respond("error","none");
?>
```

Node_class.php:

```
<?php
 require_once('defines.php');

 class Node {
  /*************
   PROPERTIES
  *************/
  const rollNumberRegex = '/([0-9]+)(\/[a-zA-Z]+\/[0-9]{2})/';
  private $teacher;     // teacher_id
  private $subjectCode;
  private $section;
  private $year;
  private $semester;
  private $numberOfDays;
  private $records = array(); // array of key value paired array for each student

  /**********
   METHODS
  **********/

  # CONSTRUCTORS
```

```
  function __construct() {
   // constructor to allow multiple constructors with different number of arguments
   $a = func_get_args();
   $i = func_num_args();
   if (method_exists($this,$f='__construct'.$i)) {
    call_user_func_array(array($this,$f),$a);
   }
  }
  function __construct7($code,$teacher_uid,$year,$semester,$section,$start,$end) {
   $this->setCode($code);
   $this->setTeacher($teacher_uid);
   $this->setYear($year);
   $this->setSemester($semester);
   $this->setSection($section);
   $this->setDays(0);
   $this->initRecords($start,$end);
   if($this->saveNode() === false) {
    echo false;
   }
  }
  # HELPER FUNCTIONS

  public function retrieveObject($code,$section,$year) {
  /*
   Takes -> SubjectCode , Section , Year
   Returns -> A new Object of Node class based on code , section and year of a class
   Errors -> false for any kind of error
  */
   $con = connectTo();

   $code = sqlReady($code);
   $section = sqlReady($section);
   $year = sqlReady($year);

   if($con->connect_errno) {
        return false;
   } else {
    $obj = $con->query('select object from objects where code = "'.$code.'" and section
= "'.$section.'" and year = "'.$year.'"');
    if($con->errno) {
     return false;
    } else {
      if($obj->num_rows == 1) {
       $obj = $obj->fetch_assoc()['object'];
       return unserialize($obj);
      } else {
       return false;
      }
    }
```

```
    }
   }
   public function retrieveObjecti($class_id,$teacher_uid) {
   /*
    Takes -> Class Unique ID from objects table , Teacher Unique ID from teacher table
    Returns -> A new Object of Node class based on code , section and year of a class
    Errors -> false for any kind of error
   */
    $con = connectTo();

    $class_id = sqlReady($class_id);
    $teacher_uid = sqlReady($teacher_uid);

    if($con->connect_errno) {
         return false;
    } else {
      $obj = $con->query('select object from objects where uid = "'.$class_id.'" and
teacher_uid = "'.$teacher_uid.'"');
      if($con->errno) {
       return false;
      } else {
        if($obj->num_rows == 1) {
         $obj = $obj->fetch_array()['object'];
         return unserialize($obj);
        } else {
         return false;
        }
      }
    }
   }
   public function initRecords($start,$end) {
   /*
    Takes -> Starting and ending roll number
    Does -> Initializes the records. It will update the records property based on starting
and ending roll number
    Errors -> false for any kind of error
   */
    if(verify(ROLL,$start) === false) return false;
    if(verify(ROLL,$end) === false) return false;

    $s = preg_replace(self::rollNumberRegex,"$1",$start);
    $e = preg_replace(self::rollNumberRegex,"$1",$end);
    $type = preg_replace(self::rollNumberRegex,"$2",$start);

    # UPDATING THE RECORDS ARRAY
    foreach(range($s,$e) as $d) {
     $this->records[$d.$type] = array('present'=>0,'timeline'=>array());
    }
   }
```

```
  public function deleteNode() {
  /*
   Does -> Deletes the node from data base
   Returns -> true if deleted , false in case of any error
  */
   $con = connectTo();
   if($con->connect_errno) {
        return false;
   } else {
    $teacher_uid = $this->getTeacherID();
    $code = $this->getCode();
    $section = $this->getSection();
    $year = $this->getYear();
    $obj = $con->query('delete from objects where teacher_uid = "'.$teacher_uid.'" and
code = "'.$code.'" and section = "'.$section.'" and year = "'.$year.'"');
     if($obj && $con->affected_rows) {
      return true;
     } else {
      return false;
     }
   }
  }
  public function saveNode() {
  /*
   Does -> Saves the node into data base , it also inserts if the object isn't present in
database.
   Warning -> Don't use it if you have edited section , code or year
   Returns -> true if saved , false in case of any error
  */
   $con = connectTo();
   if($con->connect_errno) {
        return false;
   } else {
   $teacher_uid = $this->getTeacherID();
   $code = $this->getCode();
   $section = $this->getSection();
   $year = $this->getYear();
   $obj = $con->query('select object from objects where teacher_uid = "'.$teacher_uid.'"
and code = "'.$code.'" and section = "'.$section.'" and year = "'.$year.'"');
   if($obj->num_rows)
    $obj = $con->query('update objects set object = "'.$con-
>real_escape_string(serialize($this)).'" where teacher_uid = "'.$teacher_uid.'" and code =
"'.$code.'" and section = "'.$section.'" and year = "'.$year.'"');
   else
    $obj = $con->query($q= 'insert into `objects`(`teacher_uid`, `code`, `year`, `section`,
`object`) VALUES ("'.$teacher_uid.'","'.$code.'","'.$year.'","'.$section.'","'.$con-
>real_escape_string(serialize($this)).'")');
     if($con->errno) {
      return false;
```

```
      } else {
        return true;
      }
     }
     return false;
   }
   public function saveNodei($class_id) {
   /*
    Does -> Saves the node into data base on basis of class_id , this is used in case of
editing the unique parameters like section , year and code
    Returns -> true if saved , false in case of any error
   */
    $con = connectTo();
    if($con->connect_errno) {
         return false;
    } else {
      $teacher_uid = $this->getTeacherID();
      $code = $this->getCode();
      $section = $this->getSection();
      $year = $this->getYear();
      $selectedNode = $con->query('select object from objects where uid = '.$class_id.'
and  teacher_uid = '.$teacher_uid);
      if($selectedNode && $con->affected_rows) {
        $obj = $con->query('update objects set code = "'.$code.'", year = "'.$year.'", section
= "'.$section.'", object = "'.$con->real_escape_string(serialize($this)).'" where
teacher_uid = "'.$teacher_uid.'" and uid = "'.$class_id.'"');
        if($obj && $con->affected_rows) {
          return true;
        }
        return false;
      }
      return false;
    }
   }
   public function isPresent($rollNumber,$newPresents) {
   /*
    Takes -> Roll number and new number of present days
    Does -> Tells if that student was present or not
    Returns -> 1 if present , 0 if absent , false if not found
   */
    if(isset($this->records[$rollNumber]))
      return ( $this->records[$rollNumber]['present'] < $newPresents )? 1 : 0;
    return false;
   }
   public function deleteRoll($rollNumber) {
   /*
    Takes -> Roll number
    Does -> Deletes a roll number
    Returns -> true if deleted , false if not found
```

```
*/
 if(isset($this->records[$rollNumber])) {
  unset($this->records[$rollNumber]);
  return true;
 }
 return false;
}

/**********
 GETTERS
**********/

public function getTeacherID() {
/*
 Returns -> Teacher unique ID
*/
 return $this->teacher;
}
public function getTeacherName() {
/*
 Returns -> Teacher name by searching in data base
*/
 $con = connectTo();
 $s = $con->query("select name from teacher where uid = ".$this->getTeacherID());
 $name = $s->fetch_assoc();
 $name = $name['name'];
 return $name;
}
public function getCode() {
/*
 Returns -> Class code
*/
 return $this->subjectCode;
}
public function getYear() {
/*
 Returns -> Year of class
*/
 return $this->year;
}
public function getSemester() {
/*
 Returns -> Semester of class
*/
 return $this->semester;
}
public function getSection() {
/*
 Returns -> Section of class
```

```
   */
    return $this->section;
   }
   public function getDays() {
   /*
    Returns -> Days conducted by teacher for the class
   */
    return $this->numberOfDays;
   }
   public function getPercent($rollNumber) {
   /*
    Takes -> Roll number
    Returns -> Computers the percentage and returns it
    Errors -> False if not found
   */
    return isset($this->records[$rollNumber])?(100*($this-
>records[$rollNumber]['present']/$this->getDays())):false;
   }
   public function getTimeline($rollNumber) {
   /*
    Takes -> Roll number
    Returns -> Returns the timeline for that roll number
    Errors -> False if not found
   */
    return isset($this->records[$rollNumber])?$this-
>records[$rollNumber]['timeline']:false;
   }
   public function getRecords() {
   /*
    Returns -> Returns the records for entire object
   */
    return $this->records;
   }
   /**************
      SETTERS
   **************/
   public function setTeacher($val) {
   /*
    Takes -> Value
   */
    $this->teacher = $val;
   }
   public function setCode($val) {
   /*
    Takes -> Value
   */
    $this->subjectCode = $val;
   }
   public function setYear($val) {
```

```
  /*
   Takes -> Value
  */
    $this->year = $val;
  }
  public function setSemester($val) {
  /*
   Takes -> Value
  */
    $this->semester = $val;
  }
  public function setSection($val) {
  /*
   Takes -> Value
  */
    $this->section = $val;
  }
  public function setDays($val) {
  /*
   Takes -> Value
  */
    $this->numberOfDays = $val;
  }
  public function setPresence($rollNumber,$newPresents,$timestamp) {
  /*
   Takes -> Roll Number, New Presents , Timestamp
   Returns -> False if error
  */
    if(isset($this->records[$rollNumber])) {
      $this->records[$rollNumber]['timeline'][$timestamp] =  $this-
>isPresent($rollNumber,$newPresents);
      $this->records[$rollNumber]['present'] = $newPresents;
    } else
      return false;
  }
 }
?>
```

process_login.php:

```
<?php session_start(); ?>
<?php include 'defines.php'; ?>
<?php
/********** VALIDATE ALL VARIABLES ***********/
foreach($_POST as $p)
 if(empty($p) || !isset($p))
  respond("error","empty");

$pass = $_POST['password'];
```

```
$email = strtolower(sqlReady($_POST['email']));

if(verify(EMAIL,$email) === false) respond("error","email");

/********** SEARCH **********/
$con = connectTo();
$exists = $con->query("select * from `attendance`.`teacher` where email = '$email'");
if(!($exists && $con->affected_rows)) {
  $con->close();
  respond("error","not_found");
}
$exists = $exists->fetch_assoc();
if(verifyPass($pass,$exists['password'])) {
  // START SESSION
  $_SESSION['name'] = $exists['name'];
  $_SESSION['email'] = $exists['email'];
  $_SESSION['phone'] = $exists['phone'];
  $_SESSION['teacher_id'] = $exists['uid'];
  $_SESSION['classes'] = 0;
  $classes = $con->query('select uid from `objects` where teacher_uid =
'.$_SESSION['teacher_id']);
  if($classes && $con->affected_rows) {
    $cls = array();
    while($a = $classes->fetch_array()) {
      $cls[] = $a[0];
    }
    $_SESSION['classes'] = $cls;
  }
  $con->close();
  session_write_close();
  die(json_encode(array("error"=>"none","session"=>$_SESSION)));
} else {
  $con->close();
  respond("error","incorrect");
}
?
```

process_signup.php:

```
<?php include 'defines.php'; ?>
<?php
/********** VALIDATION **********/
foreach($_POST as $p)
  if(empty($p) || !isset($p))
    respond("error","empty");

if($_POST['password'] != $_POST['password2'])
  respond("error","mismatch");
```

```
if(strlen($_POST['password']) < 6)
  respond("error","small");

$pass = hashPass($_POST['password']);
$email = strtolower(sqlReady($_POST['email']));
$name = sqlReady($_POST['name']);
$phone = sqlReady($_POST['phone']);

/************ REGEX ***********/
if(verify(EMAIL,$email) === false) respond("error","email");
if(verify(PHONE,$phone) === false) respond("error","phone");
if(verify(NAME,$name) === false) respond("error","name");

/************ SEARCH ***********/
$con = connectTo();
$exists = $con->query("select * from `attendance`.`teacher` where email = '$email'");
if($exists && $con->affected_rows) {
  $con->close();
  respond("error","exists");
}
/*********** INSERT ************/
$addTeacher = $con->query("insert into `attendance`.`teacher` (`name`, `email`, `phone`,
`password`) values ('$name', '$email', '$phone', '$pass')");
if(!$addTeacher && $con->errno()) {
  $con->close();
  die(json_encode(array("error"=>"db_error","code"=>$con->errno(),"msg"=>$con-
>error())));
}
/*********** RESPOND ************/
$con->close();
respond("error","none");
```

update_class.php:

```
<?php session_start(); ?>
<?php include 'node_class.php'; ?>
<?php
  $class_id = $_POST['class_id'];
  $teacher_id = $_SESSION['teacher_id'];

  $section = $_POST['section'];
  $semester = $_POST['semester'];
  $year = $_POST['year'];
  $code = strtoupper($_POST['code']);

  if(!in_array($class_id,$_SESSION['classes'])) respond("error","not_found");

  $n = new Node;
  $n = $n->retrieveObjecti($class_id,$teacher_id) or respond("error","not_found");
```

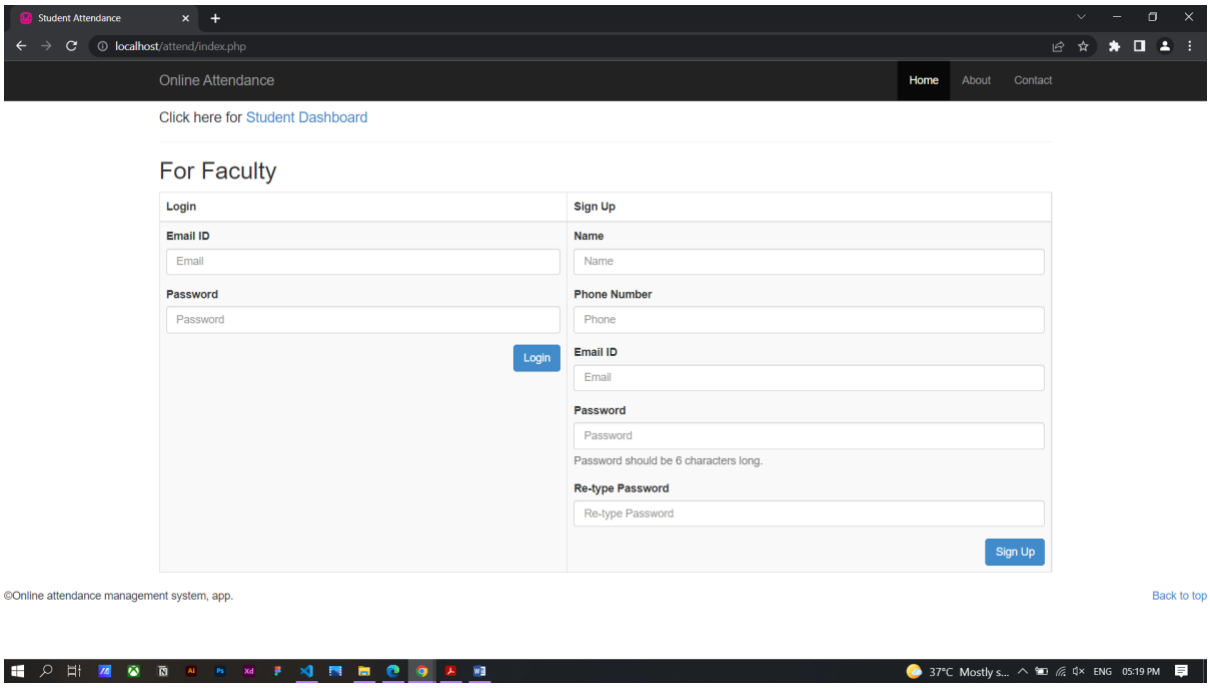
```
 if($section == $n->getSection() && $year == $n->getYear() && $semester == $n-
>getSemester() && $code == $n->getCode())
   respond("error","none");

 if(verify(CODE,$code) === false) respond("error","code");
 if(verify(NUMBER,$year) === false) respond("error","year");
 if(verify(NUMBER,$semester) === false) respond("error","semester");
 if(verify(NUMBER,$section) === false) respond("error","section");

 if($section != $n->getSection()) $n->setSection($section);
 if($year != $n->getYear()) $n->setYear($year);
 if($code != $n->getCode()) $n->setCode($code);
 if($semester != $n->getSemester()) $n->setSemester($semester);

 if($n->saveNodei($class_id)) { respond("error","none"); }
 respond("error","failure");
?>
```

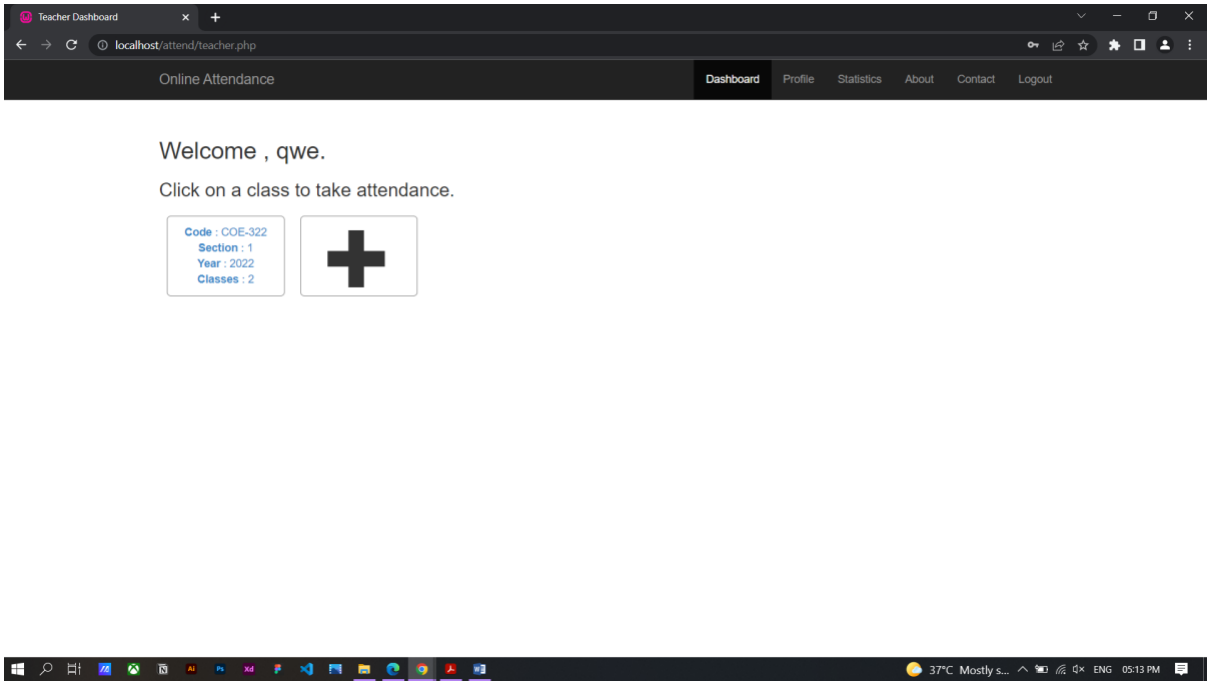
update_profile.php:

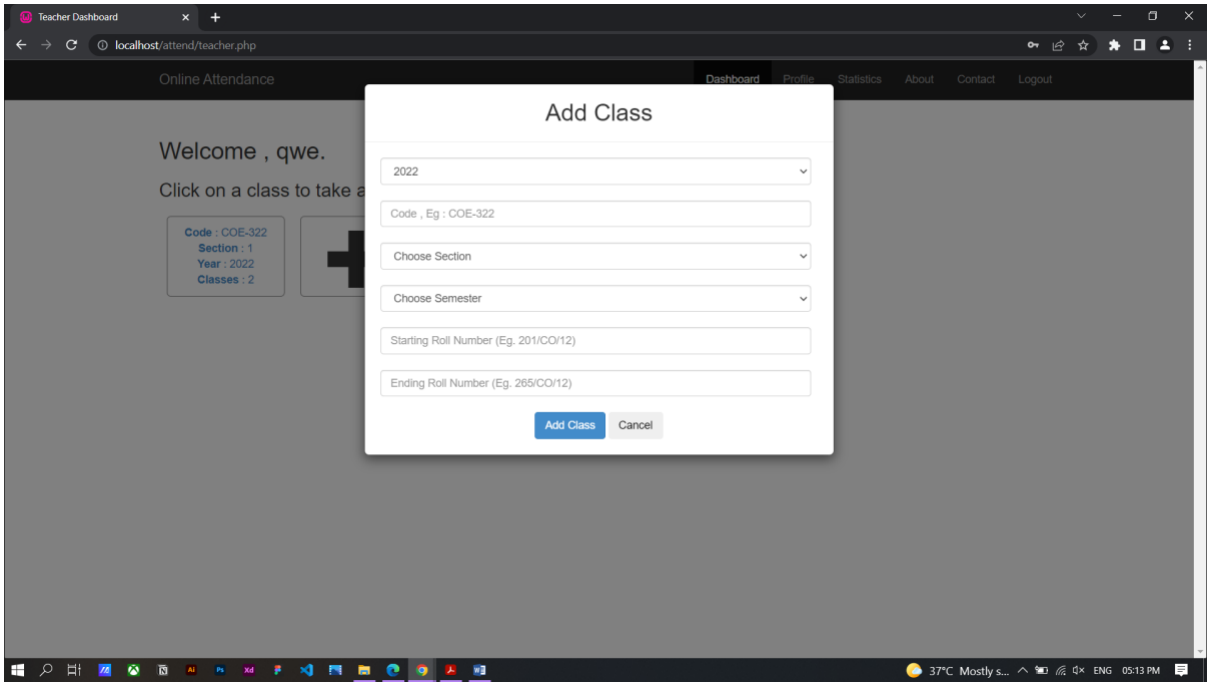
```
<?php session_start(); ?>
<?php include 'defines.php'; ?>
<?php
 $name = $_POST['name'];
 $phone = $_POST['phone'];
 $email = $_POST['email'];
 $teacher_id = $_SESSION['teacher_id'];

 if($name == $_SESSION['name'] && $phone == $_SESSION['phone'] && $email ==
$_SESSION['email'])
   respond("error","none");

 if(verify(EMAIL,$email) === false) respond("error","email");
 if(verify(PHONE,$phone) === false) respond("error","phone");
 if(verify(NAME,$name) === false) respond("error","name");

 $name = sqlReady($name);
 $phone = sqlReady($phone);
 $email = sqlReady($email);

 $con = connectTo();
 $query = $con->query("select email from teacher where email = '".$email."'");
 if($query && $con->affected_rows && $email != $_SESSION['email'])
respond("error","exists");
 $query = $con->query("select email from teacher where uid = '".$teacher_id."'");
 if($query && $con->affected_rows) {
   $q = "update teacher set ";
```

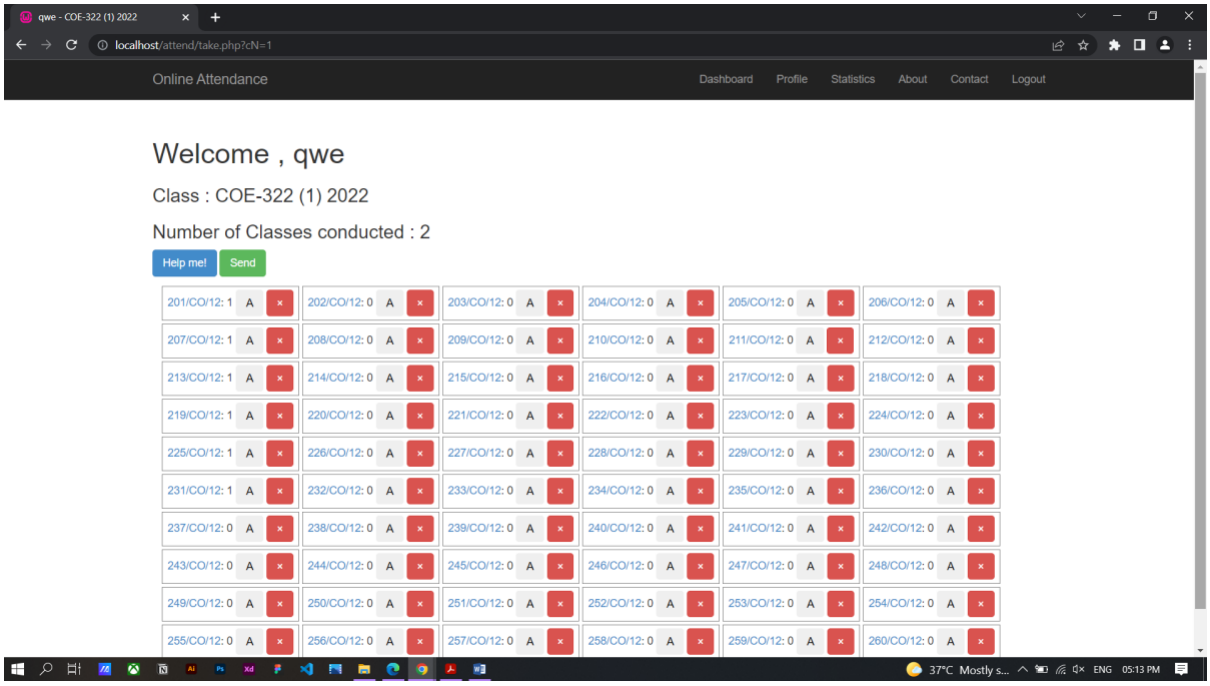
```
  if($name != '') $q .= "name = '".$name."'";
  if($email != '') $q .= ", email = '".$email."'";
  if($phone != '') $q .= ", phone = '".$phone."'";
  $q .= ' where uid = "'.$teacher_id.'"';
  $query = $con->query($q);
  if($query && $con->affected_rows) {
   if($name != '') $_SESSION['name'] = $name;
   if($email != '') $_SESSION['email'] = $email;
   if($phone != '') $_SESSION['phone'] = $phone;
   respond("error","none");
  }
  respond("error","failure");
 }
 respond("error","not_found");
?>
```

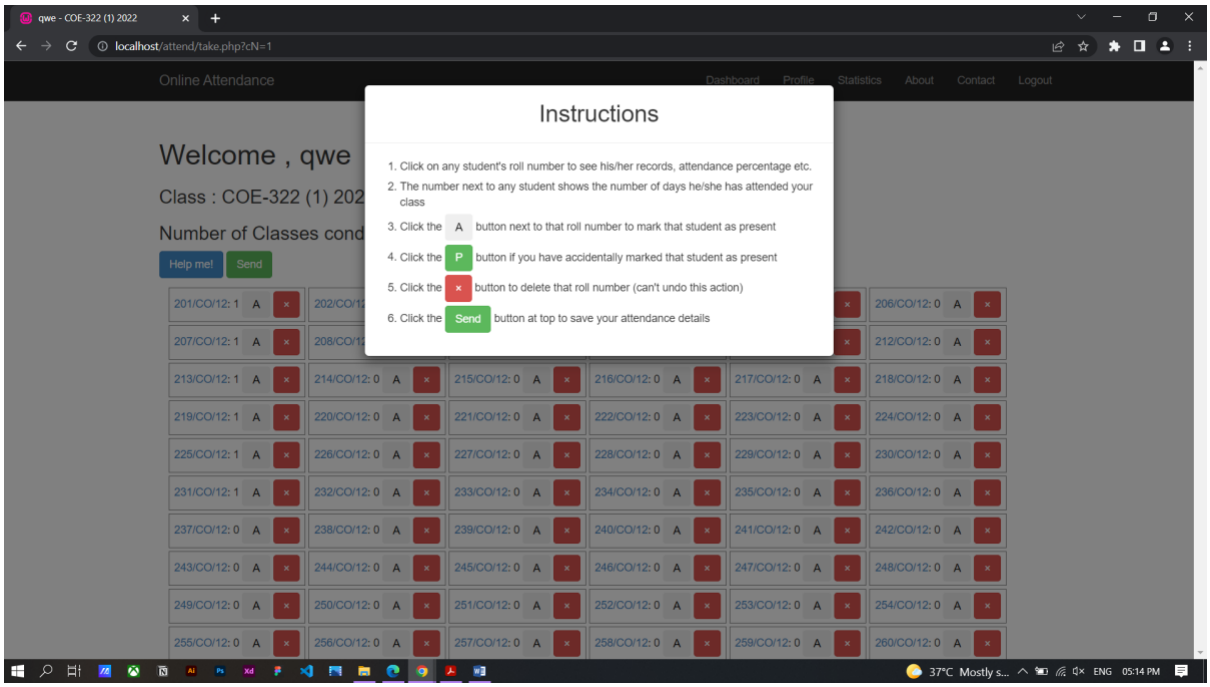
11. SCREENSHOTS

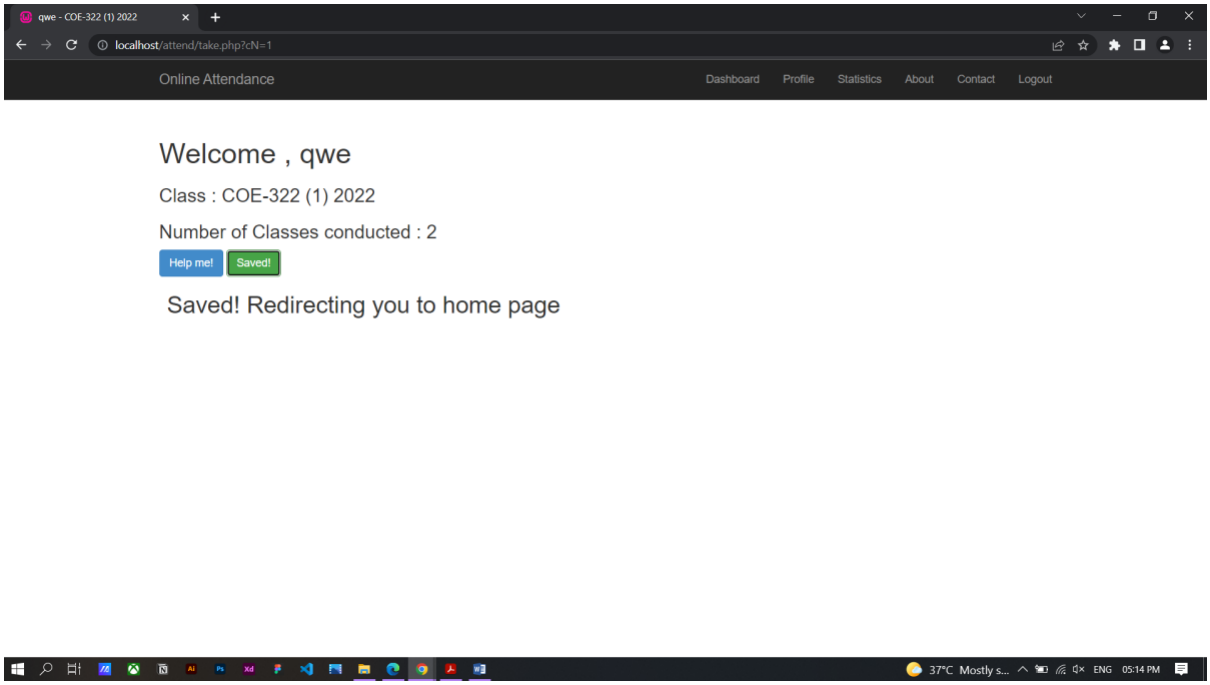


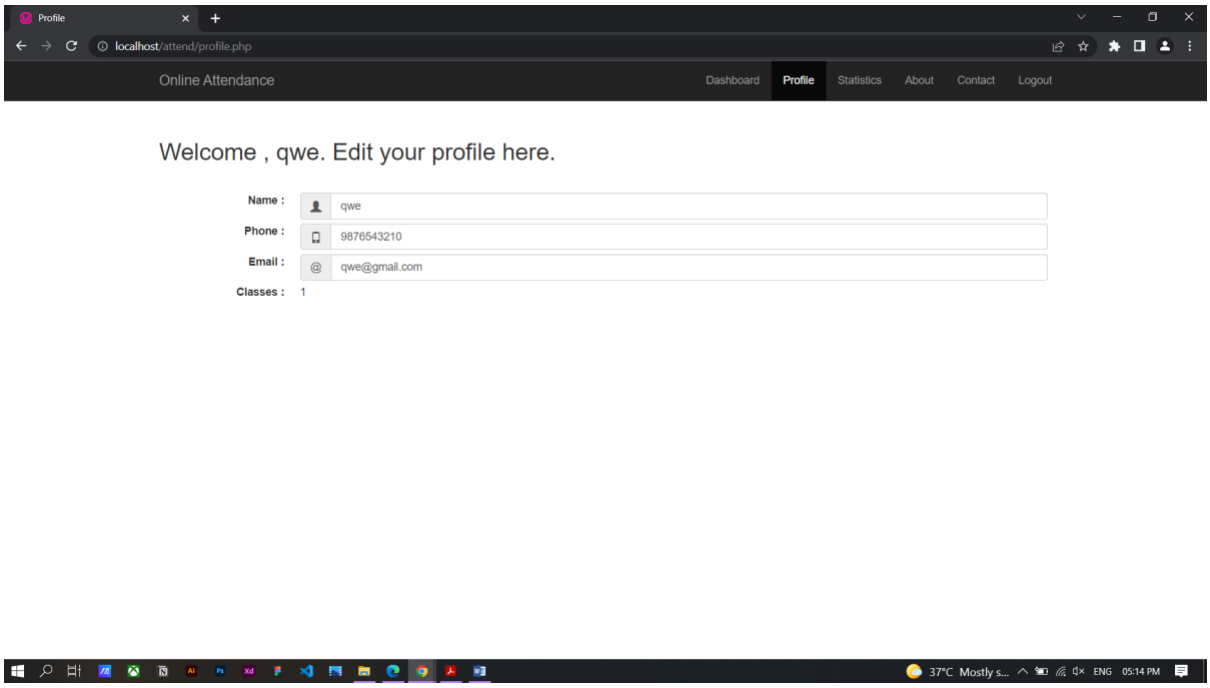

Teacher Dashboard
localhost/attend/teacher.php
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Welcome , qwe.
Click on a class to take attendance.
Code : COE-322
Section : 1
Year : 2022
Classes : 2

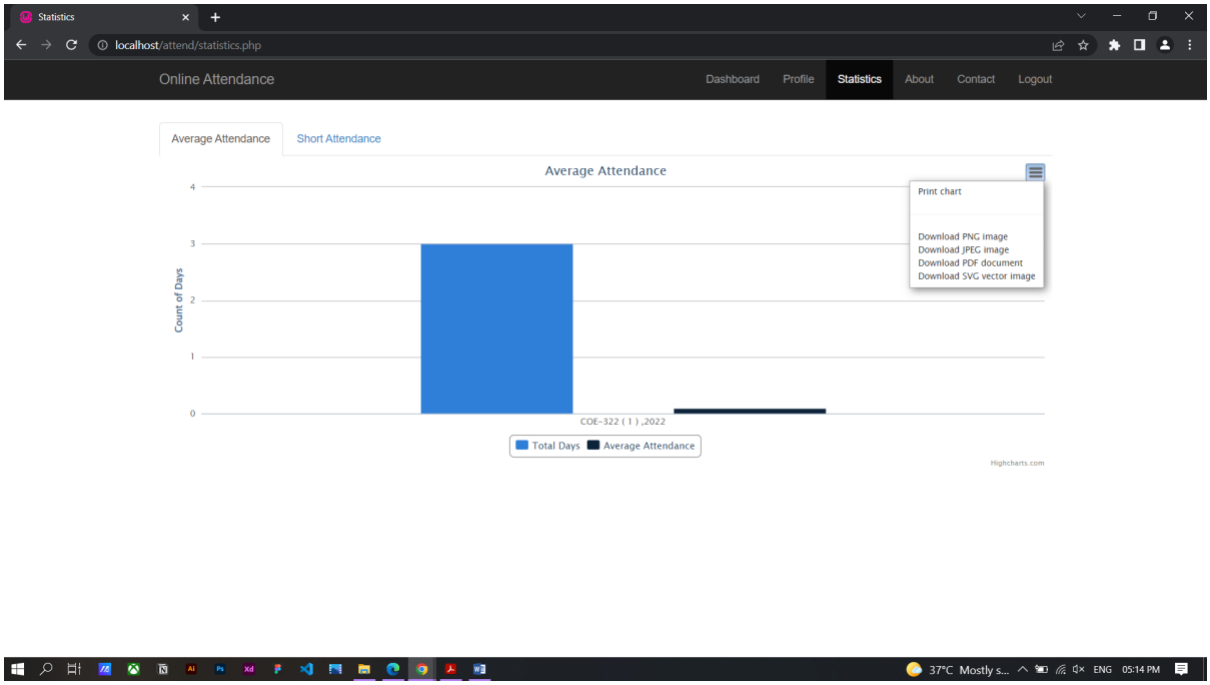

Teacher Dashboard
localhost/attend/teacher.php
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Welcome , qwe.
Code : COE-322
Section : 1
Year : 2022
Classes : 2
Add Class
2022
Code , Eg : COE-322
Choose Section
Choose Semester
Starting Roll Number (Eg. 201/CO/12)
Ending Roll Number (Eg. 265/CO/12)
Add Class
Cancel

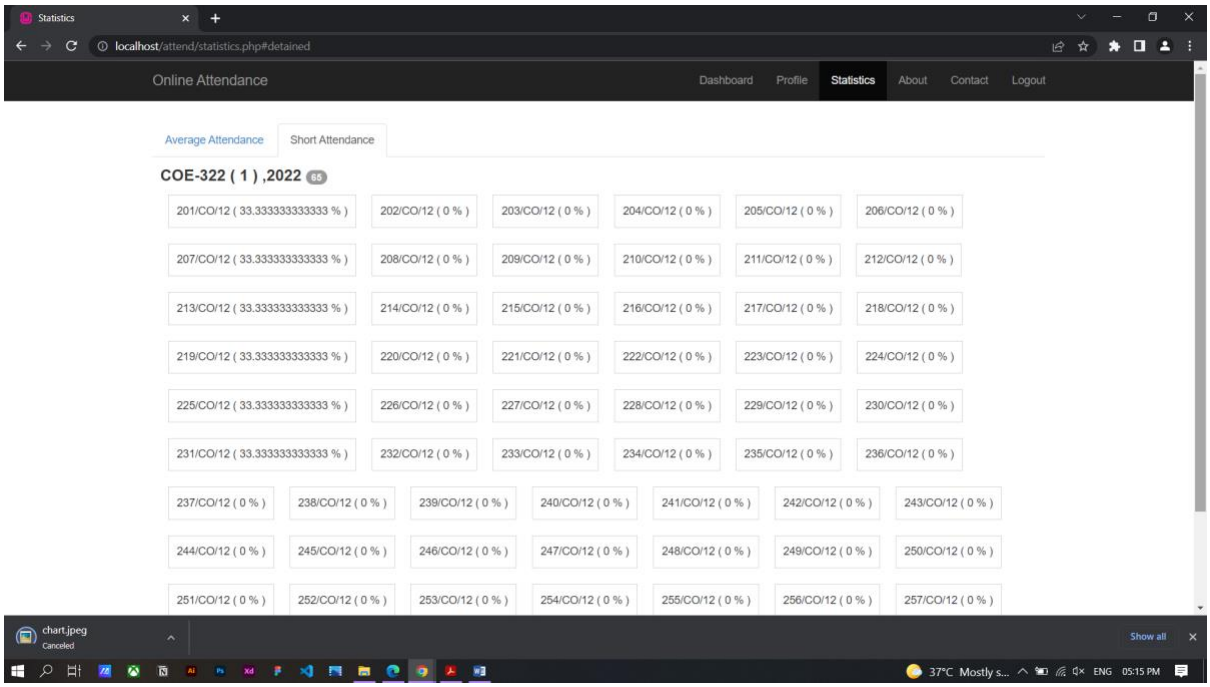

qwe - COE-322 (1) 2022
localhost/attend/take.php?cN=1
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Welcome , qwe
Class : COE-322 (1) 2022
Number of Classes conducted : 2
Help me!
Send


qwe - COE-322 (1) 2022
localhost/attend/take.php?cN=1
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Welcome , qwe
Class : COE-322 (1) 202
Number of Classes cond
Help me!
Send
Instructions
1. Click on any student's roll number to see his/her records, attendance percentage etc.
2. The number next to any student shows the number of days he/she has attended your class
3. Click the A button next to that roll number to mark that student as present
4. Click the P button if you have accidentally marked that student as present
5. Click the button to delete that roll number (can't undo this action)
6. Click the Send button at top to save your attendance details


qwe - COE-322 (1) 2022
localhost/attend/take.php?cN=1
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Welcome , qwe
Class : COE-322 (1) 2022
Number of Classes conducted : 2
Help me!
Saved!
Saved! Redirecting you to home page
37°C Mostly s...
ENG
05:14 PM


Profile
localhost/attend/profile.php
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Welcome , qwe. Edit your profile here.
Name :
qwe
Phone :
9876543210
Email :
qwe@gmail.com
Classes :
1
37°C Mostly s...
ENG
05:14 PM


Statistics
localhost/attend/statistics.php
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Average Attendance
Short Attendance
Average Attendance
Print chart
Download PNG image
Download JPEG image
Download PDF document
Download SVG vector image
Count of Days
COE-322 (1) ,2022
Total Days
Average Attendance
Highcharts.com
37°C Mostly s...
ENG
05:14 PM


Statistics
localhost/attend/statistics.php#detained
Online Attendance
Dashboard
Profile
Statistics
About
Contact
Logout
Average Attendance
Short Attendance
COE-322 (1) ,2022
65
201/CO/12 (33.333333333333 %)
202/CO/12 (0 %)
203/CO/12 (0 %)
204/CO/12 (0 %)
205/CO/12 (0 %)
206/CO/12 (0 %)
207/CO/12 (33.333333333333 %)
208/CO/12 (0 %)
209/CO/12 (0 %)
210/CO/12 (0 %)
211/CO/12 (0 %)
212/CO/12 (0 %)
213/CO/12 (33.333333333333 %)
214/CO/12 (0 %)
215/CO/12 (0 %)
216/CO/12 (0 %)
217/CO/12 (0 %)
218/CO/12 (0 %)
219/CO/12 (33.333333333333 %)
220/CO/12 (0 %)
221/CO/12 (0 %)
222/CO/12 (0 %)
223/CO/12 (0 %)
224/CO/12 (0 %)
225/CO/12 (33.333333333333 %)
226/CO/12 (0 %)
227/CO/12 (0 %)
228/CO/12 (0 %)
229/CO/12 (0 %)
230/CO/12 (0 %)
231/CO/12 (33.333333333333 %)
232/CO/12 (0 %)
233/CO/12 (0 %)
234/CO/12 (0 %)
235/CO/12 (0 %)
236/CO/12 (0 %)
237/CO/12 (0 %)
238/CO/12 (0 %)
239/CO/12 (0 %)
240/CO/12 (0 %)
241/CO/12 (0 %)
242/CO/12 (0 %)
243/CO/12 (0 %)
244/CO/12 (0 %)
245/CO/12 (0 %)
246/CO/12 (0 %)
247/CO/12 (0 %)
248/CO/12 (0 %)
249/CO/12 (0 %)
250/CO/12 (0 %)
251/CO/12 (0 %)
252/CO/12 (0 %)
253/CO/12 (0 %)
254/CO/12 (0 %)
255/CO/12 (0 %)
256/CO/12 (0 %)
257/CO/12 (0 %)
chart.jpeg
Canceled
Show all
37°C Mostly s...
ENG
05:15 PM

12. BIBLIOGRAPHY

Web Reference :

1. https://medium.com
2. https://www.reddit.com/
3. https://discord.com/
4.https://code.visualstudio.com/
5.http://forum.wampserver.com/

Project work on

"BLOOD BANK MANAGEMENT "

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

For the Partial Fulfillment of the requirement for the award of degree in

Bachelor of Computer Science

Submitted by

1. Geetha Priya Dharshini G	19AUCS10
2. Joselin S	19AUCS21
3. Maha Lakshmi S	19AUCS26
4. Rekshana Devi D	19AUCS38
5. Saranya S	19AUCS42

Under the Supervision and Guidance of

Sr.K. Reetha M.Sc. M.Phil.,

CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with 'A+ Grade by NAAC)

This is to certify that the project report entitled "BLOOD BANK MANAGEMENT" is the work done by

1. Geetha Priya Dharshini G	19AUCS10
2. Joselin S	19AUCS21
3. Maha Lakshmi S	19AUCS26
4. Rekshana Devi D	19AUCS38
5. Saranya S	19AUCS42

In the partial fulfillment of the requirements for the Degree of B.Sc., (Computer Science) during the Academic period 2021-2022.

Guide

Head of the Department

Submitted for the examination held on 23.05.22

Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

23/05/22
External Examiner

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.M.Jothimani B.E. M.Sc. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil., Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

CONTENTS

CONTENTS

S. No.	TITLE	PAGE No.
1	**INTRODUCTION** 1.1 Project Overview 1.2 Objective	 **1** **2**
2	**SYSTEM ANALYSIS** 2.1 Existing System 2.2 Proposed System	 **0** **0**
3	**SYSTEM REQUIREMENTS** 3.1 Hardware Requirements 3.2 Software Requirements	 **0** **0**
4	**SYSTEM OVERVIEW** 4.1 Module Description 4.2 Software Description	 **0** **0**
5	**SYSTEM DESIGN** 5.1 Dataflow Diagram 5.2 Database Design 5.3 Input Design 5.4 Output Design	 **0** **0** **0** **0**
6	**SYSTEM TESTING AND IMPLEMENTATION** 6.1 System Testing 6.2 System Implementation 6.3 System Maintenance	 **0** **0** **0**
7	**CONCLUSION**	**0**
8	**FUTURE ENHANCEMENT**	**0**
9	**BIBLIOGRAPHY**	**0**
10	**APPENDIX** A. Sample Code B. Screenshots	 **0** **0**

INTRODUCTION

1.INTRODUCTION

1.1 PROJECT OVERVIEW:

LifeGuard, is an online platform that aims at equipping the Indian public with the essential skills and knowledge to make the right decisions when in an accident or in the presence of an accident. It is of prime importance to maintain a stable and clear mind during these situations, and the website consists of multiple blogs and articles about how one can remain focused in during these unpredictable instances. The platform also helps one reach out for help and report accidents to nearby hospitals when they occur. LifeGuard currently facilitates an understanding of the availability of blood in hospitals or nearby blood banks to come to the rescue of those affected. The platform also sends an alert to the nearby hospitals when an accident is reported so that they can anticipate the arrival of patients and make sure they are equipped to save precious time during these tiresome times. Our motto stands to ensure that people understand that they are not alone, for we are here to help them out. When it comes to the issue of road accidents, there are broadly two aspects to the problem – the prevention of road accidents, and dealing with the aftermath of road accidents. While efforts are being seen taken in preventing the occurrence of these events, very minimal efforts are being taken as to how to deal with these situations when they to occur at an unpredicted time.

1.2 OBJECTIVE:

Online Blood Bank Management System is specially meant hospital who need blood for their patient regularly (or) for blood bank who collect blood to be given for different hospital. Anyone who is interested in blood donation can donate the blood at the blood donation bank .

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS:

System analysis is the process or examining an existing system of methodology with intent of improving it through better procedure and methods.

Before planning for improvement, complete understanding about the system is essential

2.1 EXISTING SYSTEM:

In the existing system, maintaining records is a tedious and time consuming job. The existing system is difficult tie et growing needs of the organization. Processing and report generation is slow.

It is not user friendly and the user must know about the software used. It is difficult to get necessary details in time. Possibility of errors wile entering data is more. Entering modification is a tedious process.

2.2 PROPOSED SYSTEM:

The proposed system (Blood Bank Management System) is designed to help the Blood Bank administrator to meet the demand of Blood by sending and/or serving the request for Blood as and when required.The proposed system gives the procedural approach of how to bridge the gap between Recipient, Donor, and Blood Banks. This Application will provide a common ground for all the three parties (i.e. Recipient, Donor, and Blood Banks) and will ensure the fulfillment of demand for Blood requested by Recipient and/or Blood Bank.The proposed system consists of the following goals and has the scope as follows:

a) Goals:

- To ease the process of blood donation and reception.
- To improve the existing system.
- To develop a scalable system.
- To be highly available

b) Scope:

- Ensure that all the functionalities of a manual blood bank are covered
- To include all the blood banks at least within a city.

SYSTEM REQUIREMENTS

3.SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS:

Processor Speed : Intel® Pentium® CPU A1018 @ 2.10 GHz

Ram : 4.00 GB

3.2 SOFTWARE REQUIREMENTS:

Front End : HTML, CSS, Bootstrap

Platform : Xampp Server

Back End : MYSQL, PHP

SYSTEM OVERVIEW

4.SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION:

About Module:

This modules displays information about the bloodbank management.

Login as a blood bank Module:

This module is managed by the admin of each hospitals,where only the admins are required to signup and signin inorder to update the blood availability.

Seek Blood Module:

This module has the access of the customers who seek the avaliabilty of the blood.

Explore Module:

This explore module has details about the following categories:

- Learn First Aid

  The basics about the first aid are listed in this module.

- Help Yourself

  This module helps us to keep our blood healthy and the food intakes to purify our blood.

- Report an Accident

  This module shows how to report an accident like calling ambulance, giving first aid.

- Learn about your Body

  This module shows interesting facts about our body.

- National Helplines

This modules displays information about national helplines such as child abuse, ambulance services, police service etc..,

- Ambulance Services

This module displays information about the ambulance services.

Feedback Module:

This module has only customer access to review their opinion about blood bank management.

4.2 SOFTWARE DESCRIPTION:

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

4.2.1 Front end:

Overview of PHP : PHP (acronym for: PHP Hypertext Preprocessor), is a server-side embedded scripting language. This means that it works within an HTML document to confer to it the capacity of generating content on demand. You can convert your site into a web application, not just a collection of static pages with information that may not get updated quite so often, which may be alright for a "personal" web site. PHP is the widely-used, free, and efficient alternative to competitors such as Microsoft's ASP. PHP is perfectly suited for Web development and can be embedded directly into the HTML code. The PHP syntax is very similar to Perl and C. PHP is often used together with Apache (web server) on various operating systems. It also supports ISAPI and can be used with Microsoft's IIS on Windows.

A PHP file may contain text, HTML tags and scripts. Scripts in a PHP file are executed on the server. Of course general scripting or programming languages like Perl, Python, etc. have also platform independence, and are open source. PHP was designed to work on the web, and in this ambit it excels connecting and querying a database is a simple task that can be handled in 2 or 3 lines of code.

The PHP scripting engine is well optimized for the response times needed on web applications it can even be part of the web server itself improving the throughput even more.

The PHP language features the usual complement of control structures, operators, variable types, function declarations and class/object declarations that we have been accustomed to expect from any compiled or interpreted language, and yet it also has features of its own. For example, in C you employ pointers, in other scripting languages this can be cumbersome or even not possible, but in PHP this is just one use of variable variables.

PHP comes with a myriad of options, both to build the distribution and also to configure an installation. PHP supports several APIs and interfaces to other programming tools .The sheer number of these tools is daunting, not to speak of the configuration possibilities for each of these. Before we get involved in the detail of installing PHP, it would be worthwhile to consider what we would expect to do with PHP in the near future. Depending on this we need to include only those particular modules that are germane to the kind of stuff we plan to do with the installation. Hypertext Preprocessor (PHP) is a widely used, general-purpose scripting language that was originally designed for web development to produce dynamic web pages. For this purpose, PHP code is embedded into the HTML source document and interpreted by a web server with a PHP processor module, which generates the web page document

PHP is available as a processor for most modern web servers and as standalone interpreter on most operating systems and computing platforms. PHP was originally created by Rasmus Lerdorf in 1995 and has been in continuous development ever since. The main implementation of PHP is now produced by The PHP Group and serves as the de facto standard for PHP as there is no formal specification. PHP is free software released under the PHP License, which is incompatible with the General Public License (GPL) because restrictions exist regarding the use of the term PHP.

Usage: PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content. It can also be used for command-line scripting

and client-side GUI applications. PHP can be deployed on most web servers, many operating systems and platforms, and can be used with many relational database management systems. It is available free of charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use. PHP primarily acts as a filter, taking input from a file or stream

containing text and/or PHP instructions and outputs another stream of data; most commonly the output will be HTML.

Since PHP 4, the PHP parser compiles input to produce byte code for processing by the Zend Engine, giving improved performance over its interpreter predecessor. Originally designed to create dynamic web pages, PHP now focuses mainly on server-side scripting, and it is similar to other server-side scripting languages that provide dynamic content from a web server to a client, such as Microsoft's Active Server Pages, Sun Microsystems' JavaServerPages, and mod_perl.

PHP has also attracted the development of many frameworks that provide building blocks and a design structure to promote rapid application development (RAD). Some of these include CakePHP, Symfony, CodeIgniter, and Zend Framework, offering features similar to other web application frameworks. The LAMP architecture has become popular in the web industry as a way of deploying web applications. PHP is commonly used as the P in this bundle alongside Linux, Apache and MySQL, although the P may also refer to Python or Perl or some combination of the three.

Hyper Text Markup Language (HTML) :

HTML stands for Hyper Text Markup Language. Hypertext is ordinary text that has been dressed up with extra features, such as formatting, images, multimedia, and links to other documents. Mark up is the process of taking ordinary text and adding extra symbols. Language is actually a key point to remember about HTML. HTML is a universal language for classifying the function of different sections of a document. It is neither a page-layout language nor a printing language. This allows documents to be displayed on many different kinds of platforms. HTML is flexible to work on the website with their variety of commands.

As a formatting language, HTML utilizes SGML (Standard General Markup Language) and Document Type Declarations (DTD). SGML document has three main parts. The first part defines the character set to be used and tells which character is that set distinguishes text for markup tags. Markup tags specify how the viewer application or browser should present the text to the user.

The second part specifies the document and states which markup tags are legal. The third part called the document instance contains the actual text and markup tags. Because there is no requirement that the three parts of an SGML document reside in the same physical file, we can concentrate on the document instance. The web pages created are document instances.

Platforms and Web Servers: PHP is supported on quite a few platforms, many of them UNIX-like and of course on Microsoft's operating systems supporting the Win32 environment. Since PHP cannot do much without a web server, when we talk of installing PHP on a platform, we also need to take into consideration the web server that we plan to use.

4.2.2 Back-End: MY-SQL 4.0: MySQL is a full-featured relational database management system. It is very stable and has proven itself over time. MySQL has been in production for over 10 years. MySQL is a multithreaded server. Multithreaded means that every time someone establishes a connection with the server, the server program creates a thread or process to handle that client's requests. This makes for an extremely fast server. In effect, every client who connects to a MySQL server gets his or her own thread. Yet another feature of MySQL is its portability—it has been ported to almost every platform. This means that you don't have to change your main platform to take advantage of MySQL. And if you do want to switch, there is probably a MySQL port for your new platform.

MySQL also has many different application programming interfaces (APIs). They include APIs for Perl, TCL, Python, C/C++, Java (JDBC), and ODBC. So no matter what your company's expertise is, MySQL has a way for you to access it. MySQL is also very cheap. For an unlicensed, full version of MySQL, the cost is nothing. To license your copy will currently cost you $200. This is an incredible deal, considering what you are getting for your money.

Database systems that provide half the features that MySQL has can cost tens of thousands of dollars.

The MySQL Supported Type: MySQL has various data types that support different functions. A data type is the type of data a column will store. There can be many different data types inside a table, but each column will store its own

specific type of information. You can think of a data type as a kind of definition for a column. A column defined as an integer column will only hold numeric information, whereas a column defined as a CHAR (10) will hold up to 10 alphanumeric characters.

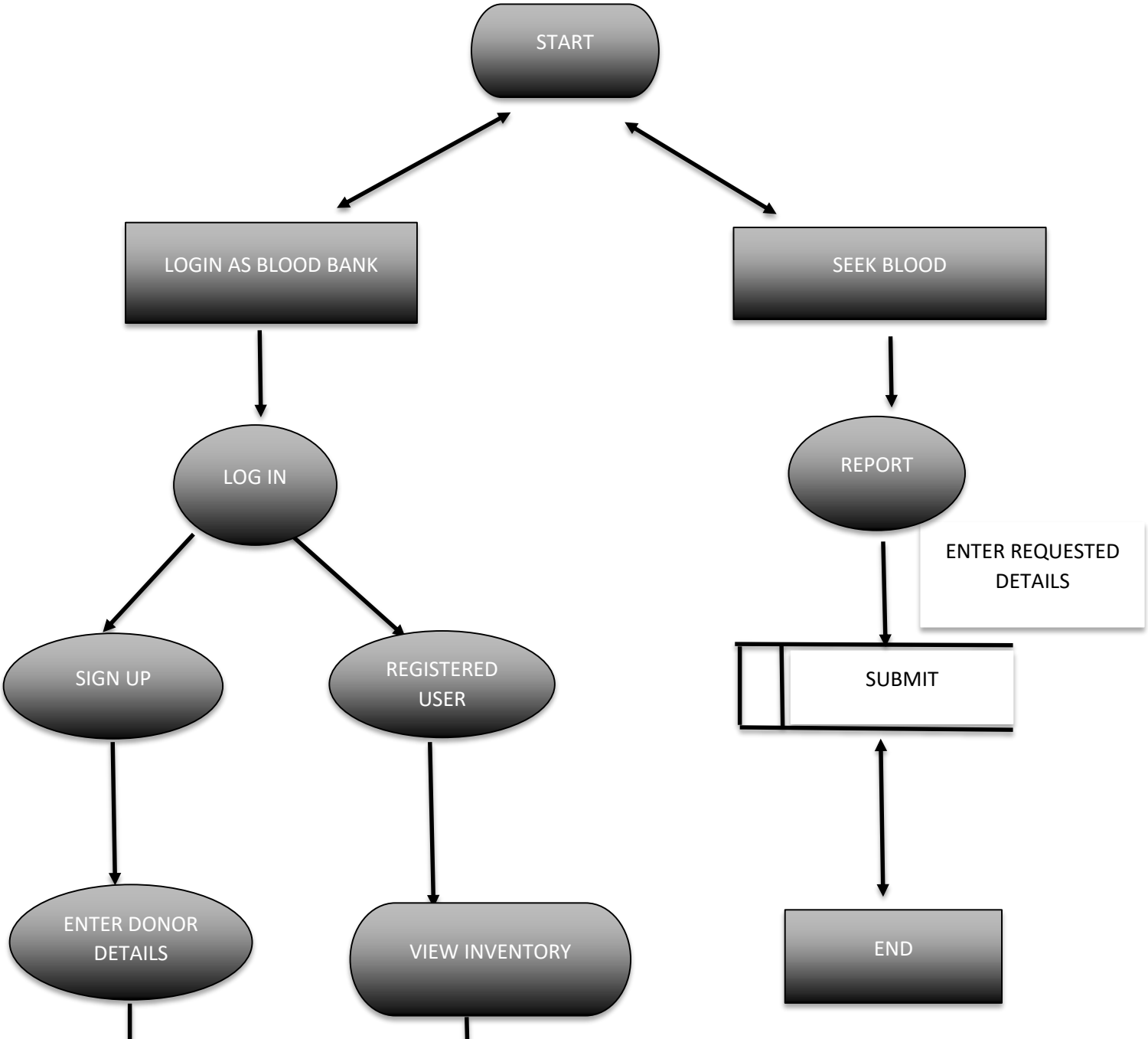
Numeric data can also be in hexadecimal format (2ee250cc), scientific notation (2X10^23), or a decimal. The second type is character or string format. This format can consist of letters and numbers, whole words, addresses, phone numbers, and generally anything you have to put quotations around. It consists of everything that doesn't quite fit into either of the other two categories. Some, like dates and times, could be alphanumeric but are stored like numbers. As well as data types, MySQL also provides column modifiers. These modifiers further help define a column's attributes.

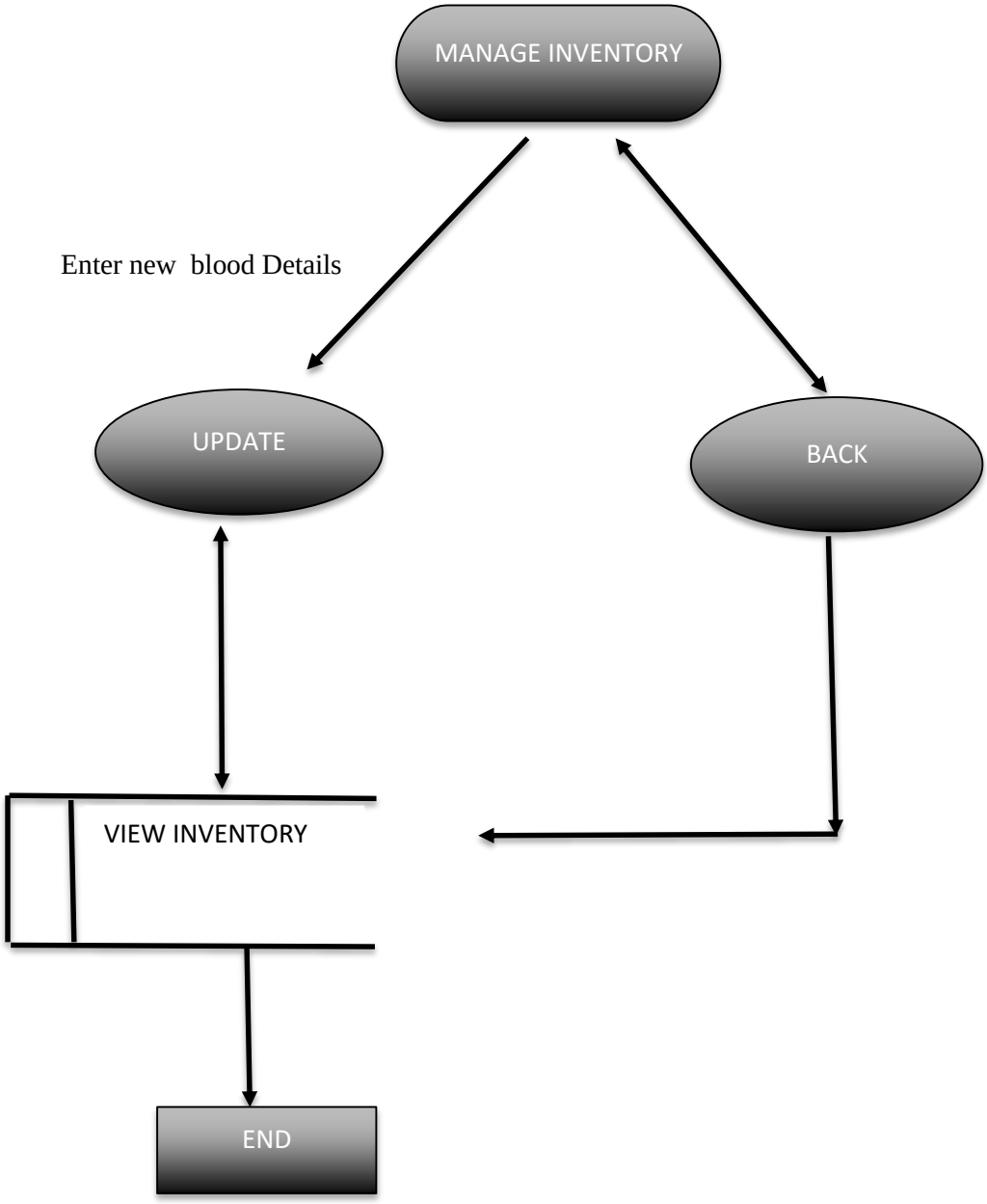
They are AUTO_INCREMENT, UNSIGNED, PRIMARY KEY, NULL, NOT NULL, and BINARY. A more detailed discussion of column modifiers takes place following the coverage of the basic data types. MySQL runs on many platforms, and binaries are available for most of them. Binaries are the result of compiling the source code. This is by far the easiest way of acquiring MySQL. The alternative is downloading the source code for your platform and then compiling it. MySQL has many utilities to import as well as export data. It shares some of the common options, but this utility does a little more. It takes the entire database and dumps it into a single text file. This file contains all the SQL commands needed to recreate your database. It takes the schema and converts it to the proper DDL syntax (CREATE statements), and it takes all the data and creates INSERT statements out of them. This utility reverse engineers your database.

SYSTEM DESIGN

5. SYSTEM DESIGN

5.1 DATA FLOW DIAGRAM:




MANAGE INVENTORY
Enter new blood Details
UPDATE
BACK
VIEW INVENTORY
END

5.2 DATA BASE DESIGN:

Database is an integrated collection of data and provides a centralized access to the data and makes possible to treat data as a separate resource. Usually centralized data managing software is called a Relational Database Management System (RDBMS). The most significant different between RDBMS and other type of Data Management is the separation of data as seen by the program and data as store of on the direct access storage device. This is the difference between logical and physical data.

MYSQL is a programming language that is used by most relational database management systems (RDBMS) to manage data stored in tabular form (i.e. tables). A relational database consists of multiple tables that relate to each other. The relation between tables is formed in the sense of shared columns.

5.3 INPUT DESIGN:

Input design is a part of overall system design, which requires very careful attention. The main objectives of input design are:

1. To produce a cost-effective method of input.
2. To achieve the highest possible level of accuracy.
3. To ensure that the input is acceptable to and understood by the user staff.

In this system input screens are designed very carefully so that no inaccurate data will enter the database. The data is made as easy as possible. For simplifying the data entry many facilities are given.Each and every screen in this system is facilitated by many push buttons so that the user can easily work with this system.

5.4 OUTPUT DESIGN:

Outputs from computer systems are required primarily to communicate the results of processing to users. They are also to provide a permanent hard copy of these results for later consultation.The various types of outputs are required by this system are given below:

1. External outputs, whose destination is outside the concern and which require special attention because they, project the image of the concern.

2. Internal outputs, whose destination is within the concern and which require careful design because they are the user's main interface within the computer.

3. Operation outputs, whose use is purely within the computer department, E.g., program listings, usage statistics etc,

4. Interactive outputs, which involves the user in communicating directly with the computers.

SYSTEM TESTING AND IMPLEMENTATION

6.SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING:

System testing is actually a series of different tests whose primary objective is to fully exercise the computer-based system. Each test is having its own purpose, and all work should verify that all system elements have been properly integrated and perform allocated functions. This helps us to rectify a problem if occurs in our project. This helps us to do various testing depending upon the project such as security testing, validation testing, integration testing, unit testing etc... By verifying the system one can verify the proper function of the system. The primary purpose is to fully exercise the computer based system. Although each test has different purpose, all the work should verify that all the system elements have been properly integrated and perform the allocated function. The types of some tests are listed below.

6.1.1 White Box Testing: This method that uses the control structure of the procedural design to derive test cases. With this white box testing it is able to test all the independent paths are examined or exercised with their true and false. It also uses the external data structure to ensure their validity.

6.1.2 Black Box Testing: This testing method focus on the functional requirements of the software. This tests the fully functional conditions of the program. This is used likely uncover the errors than the white box testing. It finds the errors in the following parts:

1. Incorrect of missing functions
2. Interface errors
3. Errors in data structures or external database access

4. Performance errors

5. Initialization and termination errors.

6.1.3 Comparison Testing: This is a method that a way of alternate software exactly as the existing one is developed by another team and this will be very useful in critical situations. This new software is tested with the identical inputs as the previous one to check whether it satisfies the existing terms and conditions.

6.1.4 Security Testing: This is used to verify the protection mechanisms built into the system that protect it from illegal penetration .Penetration spans a broad range of activities because of hackers who attempt to penetrate systems for sport and disgruntled employees who want to destroy some details.

6.1.5 Unit Testing: This test focuses on system individually ensuring that it functions properly as an individual unit according to solve the requirements of the particular module. This enable to correct and detect errors .this testing is always a white box oriented one and the process may be in parallel.

6.1.6 Validation Testing: Validation testing succeeds when the software functions in a good manner as expected by the customer in this project all the module are validated using this methodology.

6.2 SYSTEM IMPLEMENTATION:

Implementation is the stage when the theoretical design is turned into working system. The implementation phase constructs installs and operationally the new system.

The most crucial stage in achieving a new successful system and is giving confidence on new system for users, that will work effectively.

Since the system is going to function in online it involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve, and change over methods**.**

6.2.1 Implementation Procedure:

The final delivery of the system provides the opportunity to review the whole conduct of the project, achievements, failures, and provide experience, which are very helpful in developing future projects.

In case of post implementation review of On-line shopping system performance is analyzed by various testing undergone, online response time, the user messages, and user satisfactory service, the performance of each web forms, the sessions in the project, the memory required and the Site downloading speed. All these things are verified and the conversion is done.

6.2.2 Operational Documentation:

Documentation means of communication; it establishes design and performance criteria for phases of the project. Documentation is descriptive information that portrays the use and / or operation of the system.

6.2.3 Documentation tools:

Document production and desktop publishing tool support nearly ever aspect of software developers. Most software development organizations spend a substantial amount of time developing documents, and in many cases the documentation process itself is quite inefficient. It is not use unusual for a software development effort on documentation. For this reason, documentation tools provide an important opportunity to improve productivity.

6.2.4 System Maintenance:

Maintenance covers the activities such as correcting, coding and debugging errors. Updating documentation and test data and upgrading user support. Many activities are actually enhancements. Four types of maintenance are performed on computer software

- ➢ Corrective Maintenance
- ➢ Adaptive Maintenance
- ➢ Perfect maintenance
- ➢ Preventive Maintenance

Corrective maintenance acts to correct errors that are uncovered after the software is in use. The On-line shopping system undergoes this maintenance due to some false assumption like details of the user and wrong assumption of the products.

Adaptive Maintenance is applied when changes in the external environment precipitate modifications to software. The system undergo this maintenance add additional enhancement.

Perfective Maintenance incorporates enhancements that are requested by the user community. The system will updated according to fulfil user requirements in the On-line shopping system, so this maintenance is done.

Preventive Maintenance improves future maintainability and reliability and provides a basis for future enhancement of the On-line shopping system. This helps the system to be reliable and easy to when additional enhancement is done.

CONCLUSION

7.CONCLUSION

In conclusions, LifeGuard is a system that is created with an aim to tackle the existing problems in the field of blood bank management in the country. This system can be very useful in the medical field and especially in the accident management domain. Numerous reports show that the country is not investing as much time in tackling the issues in the aftermath of an accident as it does in preventing these accidents. However, it is very important that we are always ready and equipped to face these situations. LifeGuard's concept of centralization of blood banks and hospitals can go a long way in efficient management of road accidents. LifeGuard aims to put an end to all the forward messages that are in urgent need of blood. Blood should be available when an emergency arises – something that the platform assists to achieve. The centralization concept can further be expanded into the other domains of hospital management as well, such as management of patient records, tracking doctors, generating statistics, vaccination records and statistics, etc.

FUTURE ENHANCEMENT

8.FUTURE ENHANCEMENT

The key to success is to always keep open the window for the scope improvement. While, LifeGuard solves the basic problems present in the arena of blood bank management and road awareness, there is a long way to go and many other useful aspects can be added to the platform to ensure the smooth and efficient functionality of the system.Some of these enhancements encompass – Adding GPS and Google map feature to the system so as to not enter the location manually. Enhance the present articles and blogs. Release the articles in all local languages to have more reach. Open up a portal for centralized blood donation where anyone can create an account and donate for the community.

BIBLOGRAPHY

9. BIBLOGRAPHY

[1] https://web.ku.ac.th/saranaroo/chap5a.htm

[2] http://porcheckin.com/2014/05/blood

[3] http://www.w3schools.com/

[4] https://www.redcross.or.th/forum/16095

[5]https://www.blood.co.uk/the-donation-process/further-information/tests-we-carryout/

[6] http://www.redcrossblood.org/donating-blood/donation-faqs

[7]http://www.redcrossblood.org/learn-about-blood/blood-types

[8]http://www.nhs.uk/Conditions/Blood-groups/Pages/Introduction.aspx

[9]http://www.webmd.com/a-to-z-guides/blood-type-test#1

[10]https://en.wikipedia.org/wiki/Blood_type

[11]https://en.wikipedia.org/wiki/Rh_blood_group_system

[12]http://www.mayoclinic.org/tests-procedures/rh-factor/basics/definition/ prc-20013476

[13]http://anthro.palomar.edu/blood/ABO_system.htm

[14]http://www.redcrossblood.org/learn-about-blood/blood-testing

[15]http://www.donateblood.com.au/eligibility/blood-testing-and-safety

APPENDIX

10.1 CODING:

firstPage2.php

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Life Guard</title>
  <title></title>

</head>
<link rel="stylesheet" href="firstPage2.css">
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css">
<body>
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
          <h1>LIFE GUARD</h1>
        </div>
        <div class="nav-list">
          <div class="hamburger"><div class="bar"></div></div>
          <ul>
            <li><a href="#about" data-after="About">About</a></li>
            <li><a href="first1.jsp" data-after="About">How it works</a></li>
          </ul>
        </div>
      </div>
    </div>
  </section>
  <section id="hero">
    <div class="hero container">
      <div>
        <h1><span></span></h1>
        <h1>You are not alone, <span></span></h1>
        <h1><b>We are here to help you out.</b><span></span></h1>
        <a href="signin.php" type="button" class="cta">LOGIN AS A BLOOD BANK</a>
        <a href="form.php" type="button" class="cta">SEEK BLOOD</a>

      </div>
    </div>
  </section>
  <section id="about">
    <div class="about container">
      <div class="col-left">
        <div>
          <img src="doc.jpeg" alt="img">
```

```
      </div>
    </div>
    <div class="col-right">
      <h1 class="section-title">About <span><b>LIFE GUARD</b></span></h1>
     <!---- <p>WorkBook is an online platform that helps you find freelancers in areas around you and worldwide. It helps you hire talented freelancers in a cost-effective way through its bidding process. Alternatively, you can register on our platform as a freelancer and begin building your career. Our effective rating and review system throws light on the working efficiency and capabilities of every freelancer on our platform and also helps you improve your niche as a freelancer. </p>
      <p>The novelty of our website is that we help you connect with non-technical workers as well as technical professionals. You can find freelancers here from all domains of work like writing, logistics, janitorial services, hair dresses, tailors and web-developers. Find your freelancer, and get your work done instantly and efficiently!</p>
      <p>We, at Work Book are here to give you the best solutions to your temporary, but important problems. Looking forward to having you here! </p>-->
     <p> LifeGuard, is an online platform that aims at equipping the Indian public with the essential skills and knowledge to make the right decisions when in an accident or in the presence of an accident. It is of prime importance to maintain a stable and clear mind during these situations, and the website consists of multiple blogs and articles about how one can remain focused in during these unpredictable instances. The platform also helps one reach out for help and report accidents to nearby hospitals when they occur. LifeGuard currently facilitates an understanding of the availability of blood in hospitals or nearby blood banks to come to the rescue of those affected. The platform also sends an alert to the nearby hospitals when an accident is reported so that they can anticipate the arrival of patients and make sure they are equipped to save precious time during these tiresome times. Our motto stands to ensure that people understand that they are not alone, for we are here to help them out. </p>
    </div>
  </div>
</section>
<script src="./app.js"></script>
<div id="ins2">
  <h3>
    WANT TO KNOW HOW YOU CAN <span>SAVE LIVES</span>
  </h3>
</div>
<div class="domain">
<div class="container">


      <div class="card">
        <div class="content">
          <h3>Learn First Aid</h3>

          <a href="firstaid.html">Explore</a>

        </div>

      </div>
      <div class="card">
        <div class="content">
          <h3>Help yourself</h3>

          <a href="#">Explore</a>
```

```
            </div>

        </div>
        <div class="card">
            <div class="content">
                <h3>Report an accident</h3>

                <a href="#">Explore</a>

            </div>

        </div>
        <div class="card">
            <div class="content">
                <h3>Learn about your body</h3>

                <a href="#">Explore</a>

            </div>

        </div>
        <div class="card">
            <div class="content">
                <h3>National Helplines</h3>

                <a href="#">Explore</a>

            </div>

        </div>
        <div class="card">
            <div class="content">
                <h3>Ambulance services</h3>

                <a href="ambulance.html">Explore</a>

            </div>

        </div>

    </div>
    <script type="text/javascript" src="vanilla-tilt.js"></script>
    <script type="text/javascript">
        VanillaTilt.init(document.querySelectorAll(".card"), {
                max: 25,
    speed: 400,
    glare: true,
"max-glare":   1
        });

        //It also supports NodeList
        VanillaTilt.init(document.querySelectorAll(".card"));
</script>
```

```
</div>
<div id="ins1">
   <h3>
      READ OUR<span> STORIES</span>...
   </h3>
</div>
<div class="rev">

   <div class="team-area">
      <div class="single-team">
         <img src="person1.jpg" >
         <div class="team-text">
            <h2>Asifa</h2>
            <h4>Medical Personnel</h4>
            <p>"Helps save lifes!"</p>
         </div>

      </div>
      <div class="single-team">
       <img src="person3.jpg" >
       <div class="team-text">
          <h2>John</h2>
          <h4>Social Worker</h4>
          <p>"I found great help here"</p>
       </div>

    </div>
    <div class="single-team">
       <img src="person2.jpg" >
       <div class="team-text">
          <h2>Samyuktha</h2>
          <h4>Tailor</h4>
          <p>"This platform helped me reach out to help faster!"</p>
       </div>

    </div>
    </div>

</div>
<div class="footer">
   <div class="num">
      <h5>
         Number of hospitals:<br>
         <span>127654</span>
      </h5>

   </div>
   <div class="num">
      <h5>
         Number of uses:<br>
         <span>87346582</span>
      </h5>

   </div>
```

```
      <div class="links" >
         <p id="sign">
            LIFE<span>GUARD</span><br>
         </p>
         <p class="l">
            <a href="#"><i class="fa fa-facebook"></i></a>
            <a href="#"><i class="fa fa-twitter"></i></a>
            <a href="#"><i class="fa fa-instagram"></i></a>
         </p>


      </div>

   </div>

</body>
</html>
```

firstPage2.css

```
@import 'https://fonts.googleapis.com/css?family=Montserrat:300, 400, 700&display=swap';
* {
        padding: 0;
        margin: 0;
        box-sizing: border-box;
}
html {
        font-size: 10px;
        font-family: 'Montserrat', sans-serif;
        scroll-behavior: smooth;
}
a {
        text-decoration: none;
}
.container {
        min-height: 100vh;
        width: 100%;
        display: flex;
        align-items: center;
        justify-content: center;
}
img {
        height: 100%;
        width: 100%;
        object-fit: cover;
}
p {
        color: black;
        font-size: 1.4rem;
        margin-top: 5px;
        line-height: 2.5rem;
        font-weight: 300;
        letter-spacing: .05rem;
}
```

```
.section-title {
	font-size: 4rem;
	font-weight: 300;
	color: black;
	margin-bottom: 10px;
	text-transform: uppercase;
	letter-spacing: .2rem;
	text-align: center;
}
.section-title span {
	color: crimson;
}

.cta {
	display: inline-block;
	padding: 10px 30px;
	color: white;
	background-color: transparent;
	border: 2px solid crimson;
	font-size: 2rem;
	text-transform: uppercase;
	letter-spacing: .1rem;
	margin-top: 30px;
	transition: .3s ease;
	transition-property: background-color, color;
}
.cta:hover {
	color: white;
	background-color: crimson;
}
.brand h1 {
	font-size: 3rem;
	text-transform: uppercase;
	color: white;
}
.brand h1 span {
	color: crimson;
}

/* Header section */
#header {
	position: fixed;
	z-index: 1000;
	left: 0;
	top: 0;
	width: 100vw;
	height: auto;
}
#header .header {
	min-height: 8vh;
	background-color: rgba(31, 30, 30, 0.24);
	transition: .3s ease background-color;
}
```

```
#header .nav-bar {
	display: flex;
	align-items: center;
	justify-content: space-between;
	width: 100%;
	height: 100%;
	max-width: 1300px;
	padding: 0 10px;
}
#header .nav-list ul {
	list-style: none;
	position: absolute;
	background-color: rgb(31, 30, 30);
	width: 100vw;
	height: 100vh;
	left: 100%;
	top: 0;
	display: flex;
	flex-direction: column;
	justify-content: center;
	align-items: center;
	z-index: 1;
	overflow-x: hidden;
	transition: .5s ease left;
}
#header .nav-list ul.active {
	left: 0%;
}
#header .nav-list ul a {
	font-size: 2.5rem;
	font-weight: 500;
	letter-spacing: .2rem;
	text-decoration: none;
	color: white;
	text-transform: uppercase;
	padding: 20px;
	display: block;
}
#header .nav-list ul a::after {
	content: attr(data-after);
	position: absolute;
	top: 50%;
	left: 50%;
	transform: translate(-50%, -50%) scale(0);
	color: rgba(240, 248, 255, 0.021);
	font-size: 13rem;
	letter-spacing: 50px;
	z-index: -1;
	transition: .3s ease letter-spacing;
}
#header .nav-list ul li:hover a::after {
	transform: translate(-50%, -50%) scale(1);
	letter-spacing: initial;
}
```

```
#header .nav-list ul li:hover a {
	color: crimson;
}
#header .hamburger {
	height: 60px;
	width: 60px;
	display: inline-block;
	border: 3px solid white;
	border-radius: 50%;
	position: relative;
	display: flex;
	align-items: center;
	justify-content: center;
	z-index: 100;
	cursor: pointer;
	transform: scale(.8);
	margin-right: 20px;
}
#header .hamburger:after {
	position: absolute;
	content: '';
	height: 100%;
	width: 100%;
	border-radius: 50%;
	border: 3px solid white;
	animation: hamburger_puls 1s ease infinite;
}
#header .hamburger .bar {
	height: 2px;
	width: 30px;
	position: relative;
	background-color: white;
	z-index: -1;
}
#header .hamburger .bar::after,
#header .hamburger .bar::before {
	content: '';
	position: absolute;
	height: 100%;
	width: 100%;
	left: 0;
	background-color: white;
	transition: .3s ease;
	transition-property: top, bottom;
}
#header .hamburger .bar::after {
	top: 8px;
}
#header .hamburger .bar::before {
	bottom: 8px;
}
#header .hamburger.active .bar::before {
	bottom: 0;
}
```

```
#header .hamburger.active .bar::after {
	top: 0;
}
/* End Header section */

/* Hero Section */
#hero {
	background-image: url('heartbeat.jpeg');
	background-size: cover;
	background-position: top center;
	position: relative;
	z-index: 1;
}
#hero::after {
	content: '';
	position: absolute;
	left: 0;
	top: 0;
	height: 100%;
	width: 100%;
	background-color: black;
	opacity: .7;
	z-index: -1;
}
#hero .hero {
	max-width: 1200px;
	margin: 0 auto;
	padding: 0 50px;
	justify-content: flex-start;
}
#hero h1 {
	display: block;
	width: fit-content;
	font-size: 4rem;
	position: relative;
	color: white;
	animation: text_reveal .5s ease forwards;
	animation-delay: 1s;
}
#hero h1 b{
	color: crimson;
}
#hero h3 {
	display: block;
	width: fit-content;
	font-size: 3rem;
	position: relative;
	color: transparent;
}
#hero h1:nth-child(1) {
	animation-delay: 1s;
}
#hero h1:nth-child(2) {
	animation-delay: 2s;
```

```
}
#hero h1:nth-child(3) {
	animation: text_reveal_name .5s ease forwards;
	animation-delay: 3s;
}
#hero h1 span {
	position: absolute;
	top: 0;
	left: 0;
	height: 100%;
	width: 0;
	background-color: crimson;
	animation: text_reveal_box 1s ease;
	animation-delay: .5s;
}
#hero h1:nth-child(1) span {
	animation-delay: .5s;
}
#hero h1:nth-child(2) span {
	animation-delay: 1.5s;
}
#hero h1:nth-child(3) span {
	animation-delay: 2.5s;
}

/* About Section */
#about .about {
	flex-direction: column-reverse;
	text-align: center;
	max-width: 1200px;
	margin: 0 auto;
	padding: 100px 20px;
}
#about .col-left {
	width: 250px;
	height: 360px;
}
#about .col-right {
	width: 100%;
}
#about .col-right h2 {
	font-size: 1.8rem;
	font-weight: 500;
	letter-spacing: .2rem;
	margin-bottom: 10px;
}
#about .col-right p {
	margin-bottom: 20px;
}
#about .col-right .cta {
	color: black;
	margin-bottom: 50px;
	padding: 10px 20px;
	font-size: 2rem;
```

```
}
#about .col-left .about-img {
	height: 100%;
	width: 100%;
	position: relative;
	border: 10px solid white;
}
#about .col-left .about-img::after {
	content: '';
	position: absolute;
	left: -33px;
	top: 19px;
	height: 98%;
	width: 98%;
	border: 7px solid crimson;
	z-index: -1;
}


/* Keyframes
@keyframes hamburger_puls {
	0% {
		opacity: 0;
		transform: scale(1);
	}
	100% {
		opacity: 0;
		transform: scale(1.4);
	}
}
@keyframes text_reveal_box {
	50% {
		width: 100%;
		left: 0;
	}
	100% {
		width: 0;
		left: 100%;
	}
}
@keyframes text_reveal {
	100% {
		color: white;
	}
}
@keyframes text_reveal_name {
	100% {
		color: crimson;
		font-weight: 500;
	}
}
/* End Keyframes */

/* Media Query For Tablet */
```

```
@media only screen and (min-width: 768px) {
	.cta {
		font-size: 1.5rem;
		padding: 20px 60px;
	}
	h1.section-title {
		font-size: 6rem;
	}

	/* Hero */
	#hero h1 {
		font-size: 7rem;
	}

	/* About */
	#about .about {
		flex-direction: row;
	}
	#about .col-left {
		width: 600px;
		height: 400px;
		padding-left: 60px;
	}
	/*#about .about .col-left .about-img::after {
		left: -45px;
		top: 34px;
		height: 98%;
		width: 98%;
		border: 10px solid crimson;
	}*/
	#about .col-right {
		text-align: left;
		padding: 30px;
	}
	#about .col-right h1 {
		text-align: left;
	}
@media only screen and (min-width: 1200px) {
	/* header */
	#header .hamburger {
		display: none;
	}
	#header .nav-list ul {
		position: initial;
		display: block;
		height: auto;
		width: fit-content;
		background-color: transparent;
	}
	#header .nav-list ul li {
		display: inline-block;
	}
	#header .nav-list ul li a {
		font-size: 1.8rem;
```

```
        }
        #header .nav-list ul a:after {
                display: none;
}

.domain{
    margin-top: 30px;
    display: flex;
    justify-content: center;
    align-items: center;
    min-height: 100vh;
    background: url('HELP2.jpg')no-repeat top center;
    background-size: cover;
}
.domain .container{
    position: relative;
    display: flex;
    justify-content: center;
    align-items: center;
    max-width: 1200px;
    flex-wrap: wrap;
    z-index: 1;
}
.domain .container .card{
    position: relative;
    width: 280px;
    height: 280px;
    margin: 30px;
    box-shadow: 20px 20px 50px rgba(0,0,0,0.5);
    border-radius: 15px;
    background: rgba(225, 225, 225, 0.1);
    overflow: hidden;
    display: flex;
    justify-content: center;
    align-items: center;
    border-top: 1px solid rgba(225, 225, 225, 0.5);
    border-left: 1px solid rgba(225, 225, 225, 0.5);
    backdrop-filter: blur(10px);
}
.domain .container .card .content{
    padding: 20px;
    text-align: center;
    transition: 0.5s;
    color: black;
}
.domain .container .card .content h3{
    font-size: 2.3em;
    color: #000;

    z-index: 1;
}
.domain .container .card .content p{
    font-size: 2em;
    color: #fff;
```

```
    font-weight: 300;
    color: black;
}
.domain .container .card .content a{
    position: relative;
    display: inline-block;
    padding: 8px 20px;
    margin-top: 15px;
    background: crimson;
    color: #fff;
    border-radius: 20px;
    text-decoration: none;
    font-weight: 500;
    box-shadow: 0 5px 15px rgba(0,0,0,0.5);
}
.rev{
    margin-top: 50px;
    display: flex;
    align-items: center;
    justify-content: center;

    width: 100%;
    height: 100%;
}
.rev .team-area{
    display: flex;
    width: 90%;
    justify-content: space-around;
}
.rev .single-team{
    width: 260px;
    height: 300px;
    padding: 24px;
    background: #fff;
    position: relative;
    display: flex;
    align-items: flex-end;
    transition: .6s ease-out;
    box-shadow: 0 10px 10px rgba(0,0,0,0.5);
}
.rev .single-team:hover{
    transform: translateY(15px);
}
.rev .single-team:hover:before{
    opacity: 1;
}
.rev .single-team:hover .team-text{
    opacity: 1;
    transform: translateY(0);
}
.rev .single-team:before{
    content: "";
    position: absolute;
    top:0;
```

```
        left:0;
        display: block;
        width: 100%;
        height: 100%;
        background: linear-gradient(to top,#000,transparent);
        z-index: 2;
        transition: 0.5s;
        opacity: 0;
    }
    .rev .single-team img{
        width: 100%;
        height: 100%;
        position: absolute;
        top:0;
        left: 0;
        object-fit: cover;
    }
    .rev .single-team .team-text{
        position: relative;
        z-index: 3;
        color: #fff;
        opacity: 0;
        transform: translateY(60px);
        transition: 0.5s;
    }
    .rev .team-text h2{
        margin: 0;
        font-family: sans-serif;
        letter-spacing: 3px;
    }
    .rev .team-text h4{
        font-size: 18px;
        font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans
Unicode', Geneva, Verdana, sans-serif;
        margin-top: 4px;

    }
    .rev .team-text p{
        letter-spacing: 1px;
        font-size: 15px;
        margin-top: 8px;
        font-family: 'Poppins',sans-serif;
        color: #fff;
    }

    #ins1 h3{
        font-family: 'Montserrat', sans-serif;
        margin-bottom: 20px;
        margin-top: 55px;
        font-size: 35px;
        color: black;
        padding-left: 30px;
    }
    #ins1 span{
```

```
    font-family: 'Montserrat', sans-serif;
    margin-bottom: 20px;
    margin-top: 55px;
    font-size: 35px;
    color:crimson;

}
#ins2 h3{
    font-family: 'Montserrat', sans-serif;
    margin-bottom: 27px;
    margin-top: 45px;
    font-size: 35px;
    color: black;
    padding-left: 30px;
}
#ins2 span{
    font-family: 'Montserrat', sans-serif;
    margin-bottom: 20px;
    margin-top: 55px;
    font-size: 35px;
    color:crimson;

}
.footer{
    background: rgb(4, 8, 31);
    width: 100%;
    height: 100px;
    display: flex;

    margin-top: 70px;
    color: #fff;

}
.footer .num h5{
     color: #fff;
     font-family: 'Montserrat',sans-serif;
     font-size: 15px;
     font-weight: 500;

     padding: 25px 150px;

}
.footer .num span{
    color: #fff;
    font-family: 'Montserrat',sans-serif;
    font-size: 15px;
    text-align: right;
    font-weight: 500;

}

.footer .links #sign{
    color:#fff;
    float: right;
```

```
        margin-right: -20px;
        padding-left: 180px;
        margin-top: 5px;
        font-size: 30px;
    }
    .footer .links #sign span{
        color: crimson;
    }
    .footer .links .l{
        margin-left: 180px;
    }
    .footer .links .l a{
        margin-top: 550px;
        padding-top: 20px;
       margin-left: 40;

    }
    .footer .links .l a i{
        color: #fff;
        height: 60px;
        width: 10px;
        padding-top: 20px;
        margin-left: 40px;
         }
```

signin.php

```
<?php
session_start();
$password="";
if($_SERVER["REQUEST_METHOD"]=="POST"){
$password = $_POST['psw'];
$_SESSION["eurl"] =$_POST['email'] ;
$con=mysqli_connect("localhost","root","","bloodmanagement");
    $query="select * from signup";
    $res=mysqli_query($con,$query);
    if(mysqli_num_rows($res)>0){
      while($row = mysqli_fetch_assoc($res))
      {
        if($_SESSION["eurl"]==$row['eurl'] && $password==$row['psw']){
         header("location:about1.php");

   }

     }


}
}?>
<!DOCTYPE html>
<html>
    <head>
        <title>Login</title>
```

```
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <style>
          @import url('https://fonts.googleapis.com/css?family=Roboto');

body {font-family: Arial, Helvetica, sans-serif;

    background:url('holdinghands.jpeg') no-repeat top center;
    background-size: cover;
    height: 100vh;

}
* {box-sizing: border-box}
.clearfix{
  padding-left: 100px;
  margin-left: 366px;
  margin-top: -20px;
}
.clearfix .right{
  margin-left: 10px;
}

.container{
  padding-left: 100px;
  margin-left: 450px;
  margin-top: -30px;
}
.mdiv{
   display: block;
   margin: 200px;
   margin-top: -5px;
   margin-bottom: -5px;
}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 50%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}

hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}
```

```
/* Set a style for all buttons */
button {
  background-color: #4CAF50;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 24.5%;
  opacity: 0.9;
}

button:hover {
  opacity:1;
}

/* Extra styles for the cancel button */
.cancelbtn {
  padding: 14px 20px;
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 24.5%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 600px) {
  .cancelbtn, .signupbtn {
     width: 24.5%;
  }
}


.cta {
          display: inline-block;
          padding: 10px 30px;
          color: white;
          background-color: transparent;
          border: 2px solid crimson;
```

```
        font-size: 2rem;
        text-transform: uppercase;
        letter-spacing: .1rem;
        margin-top: 30px;
        transition: .3s ease;
        transition-property: background-color, color;
}
.cta:hover {
        color: white;
        background-color: crimson;
}

      </style>
      <!--<link rel="stylesheet" href="Signin.css">-->

   </head>
   <body><form action="<?php echo $_SERVER['PHP_SELF'];?>" method="POST"
style="border:1px solid #ccc">
      <div class="container">
         <h1>Sign In</h1>



         <label for="email"><b>Email</b></label>
         <br>
         <input type="text" placeholder="Enter Email" name="email" required>
         <br>
         <label for="psw"><b>Password</b></label>
         <br>
         <input type="password" placeholder="Enter Password" name="psw" required>
         <br>
         <!---- <label for="psw-repeat"><b>Repeat Password</b></label>
         <input type="password" placeholder="Repeat Password" name="psw-repeat"
required>-->

         <!----<label>
           <input type="checkbox" checked="checked" name="remember" style="margin-
bottom:15px"> Remember me
         </label>-->

         <!---- <p>By creating an account you agree to our <a href="#"
style="color:dodgerblue">Terms & Privacy</a>.</p>
         -->
        </div>
         <div class="clearfix">
           <button type="submit" class="cancelbtn" >Sign In</button>
           </form>
           <form action="signup.php">
             <button type="submit" class="signupbtn" style="margin-right: 16px"
onclick=>Register</button>
           </form>

         </div>
```

```
   </body>
</html>
```

Signup.php

```
<?php
$password="";
$pswrepeat="";
if($_SERVER["REQUEST_METHOD"]=="POST"){
$password = $_POST['psw'];
$repassword = $_POST['psw-repeat'];
$location = $_POST['location'];
$area = $_POST['area'];
$eurl = $_POST['eurl'];
$phone = $_POST['phone'];
$hosname = $_POST['hosp-name'];
$opos = $_POST['op'];
$oneg = $_POST['on'];
$apos = $_POST['ap'];
$aneg = $_POST['an'];
$bpos = $_POST['bp'];
$bneg = $_POST['bn'];
$abpos = $_POST['abp'];
$abneg = $_POST['abn'];
$con=mysqli_connect("localhost","root","","bloodmanagement");
   $query="select * from signup";
   $res=mysqli_query($con,$query);
   if(mysqli_num_rows($res)>=0){

   $query="INSERT INTO
signup(hosname,psw,pswrepeat,location,area,eurl,phone,Opos,Oneg,Apos,Aneg,Bpos,Bneg,
ABpos,ABneg)
values('$hosname','$password','$repassword','$location','$area','$eurl','$phone','$opos','$oneg',
'$apos','$aneg','$bpos','$bneg','$abpos','$abneg')";
   $res=mysqli_query($con,$query);
   echo '<script>alert("Login successfull")</script>';
}
else{
  echo"Not created";
}
}?>
<!DOCTYPE html>
<html>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}

.mdiv{
   display: block;
   margin: 200px;
   margin-top: -5px;
   margin-bottom: -5px;
```

```
}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}

hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}

/* Set a style for all buttons */
button {
  background-color: #4CAF50;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}

button:hover {
  opacity:1;
}

/* Extra styles for the cancel button */
.cancelbtn {
  padding: 14px 20px;
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 50%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}
```

```
/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
  .cancelbtn, .signupbtn {
     width: 100%;
  }
}
</style>
<body>
   <div class="mdiv">
      <form action="<?php echo $_SERVER['PHP_SELF'];?>" method="POST"
style="border:1px solid #ccc">
          <div class="container">
            <h1>Sign Up</h1>
            <p>Please fill in this form to create an account.</p>
            <hr>

            <label for="hosp-name"><b>Hospital Name</b></label>
            <input type="text" placeholder="Enter Hospital Name" name="hosp-name"
required>

            <label for="psw"><b>Password</b></label>
            <input type="password" placeholder="Enter Password" name="psw" required>

            <label for="psw-repeat"><b>Repeat Password</b></label>
            <input type="password" placeholder="Repeat Password" name="psw-repeat"
required>

            <label for="location"><b>Location</b></label>
            <input type="text" placeholder="Enter Location" name="location" required>

            <label for="area"><b>Area</b></label>
            <input type="text" placeholder="Enter Area" name="area" required>

            <label for="eurl"><b>Email</b></label>
            <input type="text" placeholder="Enter Email" name="eurl" required>

            <label for="phone"><b>Contact Number</b></label>
            <input type="number" placeholder="Enter Contact Number" name="phone"
required>



           <label for="op"><b>Blood Available<br>O+</b></label>
            <input type="number" placeholder="Enter litres" name="op" required>

            <label for="on"><b>O-</b></label>
```

```
            <input type="number" placeholder="Enter litres" name="on" required>

            <label for="ap"><b>A+</b></label>
            <input type="number" placeholder="Enter litres" name="ap" required>

            <label for="an"><b>A-</b></label>
            <input type="number" placeholder="Enter litres" name="an" required>

            <label for="bp"><b>B+</b></label>
            <input type="number" placeholder="Enter litres" name="bp" required>

            <label for="bn"><b>B-</b></label>
            <input type="number" placeholder="Enter litres" name="bn" required>

            <label for="abp"><b>AB+</b></label>
            <input type="number" placeholder="Enter litres" name="abp" required>

            <label for="abn"><b>AB-</b></label>
            <input type="number" placeholder="Enter litres" name="abn" required>

            <br>
            <br>
           <label>
             <input type="checkbox" checked="checked" name="remember" style="margin-
bottom:15px"> Remember me
            </label>

            <p>By creating an account you agree to our <a href="#"
style="color:dodgerblue">Terms & Privacy</a>.</p>

            <div class="clearfix">

              <button type="submit" class="signupbtn">Sign Up</button>
            </div>
          </div> </form>
          <form action="signin.php">
             <button type="submit" class="cancelbtn">Cancel</button></form>

    </div>


</body>
</html>
```

form.php

```
<!DOCTYPE html>
<html>
   <head>
      <title>FORM</title>
```

```
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
        <style>
          @import url('https://fonts.googleapis.com/css?family=Roboto');

*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  outline: none;
  font-family: 'Roboto', sans-serif;
}

body{
  background: url('baige.jpeg') no-repeat top center;
  background-size: cover;
  height: 100vh;
}

.wrapper{
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  width: 100%;
  max-width: 550px;
  background: rgba(0,0,0,0.8);
  padding: 30px;
  border-radius: 5px;
  box-shadow: 0 0 10px rgba(0,0,0,0.3);
  box-shadow: 20px 20px 50px rgba(0,0,0,0.5);
}

.wrapper .title h1{
  color:#fff;
  text-align: center;
  margin-bottom: 25px;

}

.contact-form{
  display: flex;


}

.input-fields{
  display: flex;
  flex-direction: column;
  margin-right: 4%;
}

.input-fields,
.msg{
```

```
  width: 48%;
}

.input-fields .input,
.msg textarea{
  margin: 10px 0;
  background: transparent;
  border: 0px;
  border-bottom: 2px solid #fff;
  padding: 10px;
  color: #fff;
  width: 100%;
}

.msg textarea{
  height: 212px;
}

::-webkit-input-placeholder {
  /* Chrome/Opera/Safari */
  color: #fff;
}
::-moz-placeholder {
  /* Firefox 19+ */
  color: #fff;
}
:-ms-input-placeholder {
  /* IE 10+ */
  color: #fff;
}

.btn {
    background: crimson;
    text-align: center;
    padding: 15px;
    border-radius: 5px;
    color: #fff;
    cursor: pointer;
    text-transform: uppercase;
}

@media screen and (max-width: 600px){
  .contact-form{
    flex-direction: column;
  }
  .msg textarea{
    height: 80px;
  }
  .input-fields,
  .msg{
    width: 100%;
  }
}
.rating{
```

```
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%,-50%) rotateY(180deg);
  display: flex;
  margin-left: -130px;
  margin-top: -30px;
}
.rating input{
  display: none;
}
.rating label{
  display: block;
  cursor: pointer;
  width: 50px;
  background: #ccc;
}
.rating label:before{
  content: '\f005';
  font-family: fontAwesome;
  position: absolute;
  display: block;
  font-size: 40px;
  color: whitesmoke;

}
.rating label:after{
  content: '\f005';
  font-family: fontAwesome;
  position: absolute;
  display: block;
  font-size: 40px;
  color: gold;
  top: 0;
  opacity: 0;
  transition: .5s;
  text-shadow: 0 2px 5px rgba(0, 0, 0, 0.5);
}
.rating label:hover:after,
.rating label:hover~label:after,
.rating input:checked~label:after{
  opacity: 1;
}
        </style>
    </head>
    <body>
      <form action="view.php" method="POST"
style="border:1px solid #ccc">
        <div class="wrapper">
            <div class="title">
              <h1>REPORT</h1>
            </div>
            <div class="contact-form">
              <div class="input-fields">
```

```
            <input type="text" class="input"  name="name" placeholder="Name">
            <input type="text" class="input" name="location" placeholder="Location">
            <input type="text" class="input" name="area" placeholder="Area">
            <input type="text" class="input" name="blood" placeholder="Blood Type">
            <button type="Submit" class="btn">Submit</button>>
          <!----  <input type="text" class="input" placeholder="Job title">-->

          </div>
          <!--<div class="msg">
           ---- <textarea placeholder="Description"></textarea>--
            <div class="btn">Submit</div>
          </div>-->
        </div>
        <!---- <div class="rating">
          <input type="radio" name="star" id="star1"><label for="star1"></label>
          <input type="radio" name="star" id="star2"><label for="star2"></label>
          <input type="radio" name="star" id="star3"><label for="star3"></label>
          <input type="radio" name="star" id="star4"><label for="star4"></label>
          <input type="radio" name="star" id="star5"><label for="star5"></label>


      </div>-->
      </div></form>
  </body>
</html>
```

view.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
      @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;
800;900&display=swap');

      body{
        font-family: "Poppins", sans-serif;
        background-color:LightCoral;
      }
      table, th, td{
        border: 1px solid black;
      }
      .cont{
        background-color:AntiqueWhite;
        box-sizing: border-box;
        border-style: groove;
        border-color: rgb(139, 125, 125);
        position: relative;
```

```
            width: 1300px;
            height: 700px;
            margin-top: 30px;
            justify-content: center;
            align-items: center;
            margin-left: 200px;
            box-shadow: 0 10px 20px rgba(0,0,0,0.5);

        }
    </style>
</head>
<body>
    <div class="cont">


    <table style="width: 100%;">
    <tr>
        <th>Hospital Name</th>
        <th>Location</th>

        <th>
            O+ve
        </th>
        <th>O-ve</th>
        <th>A+ve</th>
        <th>A-ve</th>
        <th>B+ve</th>
        <th>B-ve</th>
        <th>AB+ve</th>
        <th>AB-ve</th>
    </tr>
    <?php
session_start();

if($_SERVER["REQUEST_METHOD"]=="POST")
{
$location = $_POST['location'];
$area = $_POST['area'];
$con=mysqli_connect("localhost","root","","bloodmanagement");
    $query="select * from signup WHERE location='".$location."' AND area='".$area."'  ";
    $res=mysqli_query($con,$query);
   while($rows = mysqli_fetch_assoc($res))
   {

            echo "<tr>";

                echo "<td>".$rows['hosname']."</td>";
                echo "<td>".$rows['location']."</td>";

                echo "<td>".$rows['Opos']."</td>";
                echo "<td>".$rows['Oneg']."</td>";
                echo "<td>".$rows['Apos']."</td>";

                echo "<td>".$rows['Aneg']."</td>";
```

```
            echo "<td>".$rows['Bpos']."</td>";
            echo "<td>".$rows['Bneg']."</td>";
            echo "<td>".$rows['ABpos']."</td>";

            echo "<td>".$rows['ABneg']."</td>";}
}?>
   </table>
</div>
   </body>
</body>
</html>
```

about1.php

```
<?php
session_start();

if($_SERVER["REQUEST_METHOD"]=="POST"){
$opos = $_POST['opos'];
$oneg = $_POST['oneg'];
$apos = $_POST['apos'];
$aneg = $_POST['aneg'];
$bpos = $_POST['bpos'];
$bneg = $_POST['bneg'];
$abpos = $_POST['abpos'];
$abneg = $_POST['abneg'];

$con=mysqli_connect("localhost","root","","bloodmanagement");
  $query="select * from signup WHERE eurl='".$_SESSION['eurl']."'";
  $res=mysqli_query($con,$query);

     while($row = mysqli_fetch_assoc($res)){

          $op=$row['Opos'];
          $on=$row['Oneg'];
          $ap=$row['Apos'];
          $an=$row['Aneg'];
          $bp=$row['Bpos'];
          $bn=$row['Bneg'];
          $abp=$row['ABpos'];
          $abn=$row['ABneg'];
     }
 $opo=$op+$opos ;
     $one=$on+$oneg;
     $apo=$ap+$apos;
     $ane=$an+$aneg;
     $bpo=$bp+$bpos;
     $bne=$bn+$bneg;
     $abpo=$abp+$abpos;
     $abne=$abn+$abneg;
```

```
  $query="UPDATE signup SET
Opos='$opo',Oneg='$one',Apos='$apo',Aneg='$ane',Bpos='$bpo',Bneg='$bne',ABpos='$abpo
',ABneg='$abne' WHERE eurl='".$_SESSION['eurl']."'";
   if(mysqli_query($con,$query)){
      header("location:about1.php");
      }
   else{

         header("location:form.php");
}
     }



?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">

    <title>About Page</title>
    <style>
        @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;
800;900&display=swap');

*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 font-family: "Poppins", sans-serif;

}
body{

    background: url('help.jpeg') no-repeat top center;
  background-size: cover;
  height: 100vh;


}
.cta {
          display: inline-block;
          padding: 10px ;
          color: rgb(22, 20, 20);
          background-color: transparent;
          border: 1px solid crimson;

          text-transform: uppercase;
          letter-spacing: .1rem;

          transition: .3s ease;
          transition-property: background-color, color;
```

```
}
.cta:hover {
        color: white;
        background-color: crimson;
}
.box{
   background-color:white;
   box-sizing: border-box;
   border-style: groove;
   border-color: rgb(139, 125, 125);
   position: relative;
   width: 500px;
   height: 400px;
   margin-top: 70px;
   justify-content: center;
   align-items: center;
   margin-left: 400px;
   box-shadow: 0 10px 20px rgba(0,0,0,0.5);
   border-radius: 20px;
}
.box .title{
   text-align: center;

  background: -webkit-linear-gradient(rgb(240, 113, 138),crimson);
  -webkit-background-clip: text;
  -webkit-text-fill-color: transparent;
   text-shadow: rgb(212, 211, 211);
   font-family: Arial, Helvetica, sans-serif;
   letter-spacing: 5px;
   font-size: 20px;
}
.box .content{
   margin-top: 25px;
   padding-left: 40px;
   padding-bottom: 25px;
}
.box .content span{
   font-weight: lighter;
}
.box .content .ind{
   padding-top: 15px;
}
.box:before{
   content: '';
   position: absolute;
   top: -2px;
   left: -2px;
   right: -2px;
   bottom: -2px;
   background: #fff;
   z-index: -1;
}
.box:after{
   content: '';
```

```
    position: absolute;
    top: -2px;
    left: -2px;
    right: -2px;
    bottom: -2px;
    background: #fff;
    z-index: -1;
    filter: blur(40px);
}
.box:before,.box:after{
    background: linear-gradient(235 deg,#89ff00,#060c21,#060c21,#00bcd4);
}
.wel{
    font-size: 50px;
    margin-left: 20px;
}
    </style>
</head>
<body>
    <H1>
        <div class="wel">
            Welcome !
        </div>

    </H1>
    <div class="box">
        <div class="title">
            <div class="text">
                <h1>MANAGE INVENTORY</h1>
            </div>

        </div>
        <div class="content">
            <h4>
              <!---- <div class="ind">
                   : <span>Poojaa</span> <br>
                </div>
                <div class="ind">
                    Email : <span>1874j@skcet.ac.in</span>  <br>
                </div>
                <div class="ind">
                    Phone : <span>1987387439</span> <br>
                </div>
                <div class="ind">
                    Location : <span>Salem</span> <br>
                </div>
                <div class="ind">
                    Description : <span>I love icecream</span><br>
                </div>-->
                <form action="<?php echo $_SERVER['PHP_SELF'];?>" method="POST" >
                <div class="input-fields">

                    <label for="op"><b>Blood Bank<br>O+</b></label>
                    <input type="number" placeholder="Enter litres" name="opos" >
```

```
                <label for="on"><b>O-</b></label>
                <input type="number" placeholder="Enter litres" name="oneg" >
                <br>
                <label for="ap"><b>A+</b></label>
                <input type="number" placeholder="Enter litres" name="apos" >

                <label for="an"><b>A-</b></label>
                <input type="number" placeholder="Enter litres" name="aneg" >
                <br>
                <label for="bp"><b>B+</b></label>
                <input type="number" placeholder="Enter litres" name="bpos" >

                <label for="bn"><b>B-</b></label>
                <input type="number" placeholder="Enter litres" name="bneg" >
                <br>
                <label for="abp"><b>AB+</b></label>
                <input type="number" placeholder="Enter litres" name="abpos" >

                <label for="abn"><b>AB-</b></label>
                <input type="number" placeholder="Enter litres" name="abneg" >
                <br>

                <div class="clearfix">

                   <button type="submit" class="signupbtn">Update</button></form>
                </div><form action="firstpage2.php">
             <button type="submit" class="signupbtn" style="margin-right: 16px"
onclick=>Back</button>
           </form>
                <br>
                <a href="Inventory.php" type="button" class="cta">View Inventory</a>

               <!----  <input type="text" class="input" placeholder="Job title">-->

               </div>

          </h4>
       </div>
    </div>


</body>
</html>
```

firstaid.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>First-Aid</title>
```

```
  <script src="https://cdn.tailwindcss.com"></script>
  <style>
   body {
    background-color: #dfdbe5;
    background-image: url("https://cdn.hipwallpaper.com/i/70/99/5xKQ1C.jpg");
   }
  </style>
 </head>
 <body>
  <div
   class="m-10 mt-16 flex h-max flex-col gap-10 bg-gray-100 p-10 rounded-md relative"
  >
   <div
    id="heading"
    class="flex items-center -top-9 left-0 rounded-md h-10 p-5 absolute justify-start font-serif text-xl bg-white w-44 font-bold text-red-500 underline"
   >
    <h1 class="text-center">Life Guard</h1>
   </div>
   <div id="body" class="grid grid-flow-col grid-cols-2 gap-5">
    <div class="" id="text">
     <div class="text-5xl font-bold text-teal-600">
      <h1>Basics of  First Aid  </h1>
     </div>
     <div
      id="sideheading"
      class="ml-6 mt-4 text-xl font-semibold text-red-400"
     >
      <h2>ABCs of First Aid: </h2>
     </div>
     <div id="points" class="ml-6">
      <ul class="list-disc capitalize">
       <li>
        <strong> Airway: </strong>If someone's not breathing, clear their airway.
       </li>
       <li>
       <strong>   Breathing: </strong>If the airway is clear and they're still not breathing, provide rescue breathing.
       </li>
       <li>
        <strong> Circulation: </strong>Perform chest compressions to keep blood circulating, as well as rescue breathing. If the person is breathing but unresponsive, check their pulse. If their heart has stopped, provide chest compressions.
       </li>
       <li>
       <strong>   Awake?</strong> If not, try to wake them. If they don't wake up, make sure someone is calling 108 and move on to B.
       </li>
       <li>
       <strong>   Breathing? </strong>If not, start rescue breathing and chest compressions. If so, move on to C.
       </li>
       <li>
```

```
            <strong>  Continue care: </strong>Follow instructions from 108 on, or continue treatment until an ambulance arrives.
           </li>
            <div id="points" class="ml-6">
          <ul class="list-disc capitalize">  <br>
         <hr style="height:2px;border-width:0;color:grayteal-600;background-color:gray"><br>
            <strong>When you suspect someone is in cardiac arrest, follow these steps:</strong>
          <li>Get someone to call 108.</li>
         <li>Start chest compressions immediately. Using both hands, push down hard and fast in the center of the chest, allowing the chest to come back up naturally between compressions. Continue until someone with more training has arrived.</li>
<li>If you're trained in CPR, use chest compressions and rescue breathing.</li>
<li>Use an AED(An automated external defibrillator (AED) is a device that checks a persons heart and delivers an electric shock if it has stopped beating normally.) if available. However, don't delay chest compressions to find the device. If possible, have someone else look for it instead.</li>

        </ul>
          </ul>

       </div>
      </div>
      <div class="">
       <img
         class="h-full rounded"

src="https://static.vecteezy.com/system/resources/previews/000/476/934/original/first-aid-emergency-flat-icons-set-vector.jpg";
        />
      </div>
     </div>
   </div>
  </body>
</html>
```

helpyourself.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Help Yourself</title>
    <script src="https://cdn.tailwindcss.com"></script>
    <style>
      body {
        background-color: #dfdbe5;
        background-image: url("https://cdn.hipwallpaper.com/i/70/99/5xKQ1C.jpg");
      }
    </style>
  </head>
```

```
<body>
  <div
    class="m-10 mt-16 flex h-max flex-col gap-10 bg-gray-100 p-10 rounded-md relative"
  >
    <div
      id="heading"
      class="flex items-center -top-9 left-0 rounded-md h-10 p-5 absolute justify-start font-serif text-xl bg-white w-44 font-bold text-red-500 underline"
    >
      <h1 class="text-center">Life Guard</h1>
    </div>
    <div id="body" class="grid grid-flow-col grid-cols-2 gap-5">
      <div class="" id="text">
        <div class="text-4xl font-bold text-teal-600">
          <h2>5 Ways to Keep Your Blood Healthy:  </h2>
          <hr style="height:2px;border-width:0;color:grayteal-600;background-color:gray"><br>
        </div>

        <div id="points" class="ml-6">
          <ul class="list-disc capitalize">
            <li>
              <strong> Eat an Iron-Rich Diet: </strong>Iron is a key component of hemoglobin, the substance that allows red blood cells to carry oxygen to your body's cells.  Iron is found in animal-based foods such as meat and seafood; plant sources include pumpkin and sunflower seeds, almonds, hazelnuts, lima beans, tomato puree and white potatoes.
            </li>
            <li>
            <strong>   Stay Hydrated: </strong>Drinking plenty of fresh, clean water throughout the day is good for your health in general, including your blood health. According to The Heart Foundation, dehydration reduces blood volume, which causes heart rate and blood pressure to rise. What's more, "when you are dehydrated, your blood retains more sodium, thickening your blood and making it harder for your blood to circulate through your body."
            </li>
            <li>
              <strong> Spice Up Your Cooking: </strong>A number of spices contain components known to promote healthy blood circulation. For example, "research indicates that ingesting cayenne pepper increases circulation, improves blood vessel strength and reduces plaque buildup in your arteries. Cinnamon, ginger and turmeric are other spices known for supporting the circulatory system. This product is not intended to diagnose, treat, cure or prevent any disease.


            </li>
            <li>
            <strong>   Brush Your Body:</strong> Dry brushing involves sweeping a natural stiff-bristled bath or shower brush over your body. Not only does this help exfoliate dry skin, it also promotes detoxification by increasing blood circulation and promoting lymph flow. Anything that reduces the amount of toxins in your body helps your blood.

            To dry-brush your skin, start at your feet and work upwards, using long strokes on your legs and arms, and circular ones on your abdomen and lower back. (A brush with a long handle helps you get to hard-to-reach areas.) Brush daily just before showering.
            </li>
```

```
            <li>
            <strong>  Sip Some Dandelion Tea: </strong>Speaking of toxins: The liver plays a key role in toxin disposal, including cleaning toxins from the blood. Traditional herbalism has long prized the dandelion, dismissed by most people as a lawn weed, for its ability to support healthy liver function.
            You can brew dandelion tea using the dried leaves.
            </li>


           </ul>

         </div>
        </div>
        <div class="">
          <img
            class="h-full rounded"
            src="healthcare.jpg";
          />
        </div>
      </div>
    </div>
  </body>
</html>
```

reportyouraccident.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title> Accident Report</title>
  <script src="https://cdn.tailwindcss.com"></script>
  <style>
    body {
      background-color: #dfdbe5;
      background-image: url("https://cdn.hipwallpaper.com/i/70/99/5xKQ1C.jpg");
    }
  </style>
</head>

<body>
  <div class="m-10 mt-16 flex h-max flex-col gap-10 bg-gray-100 p-10 rounded-md relative">
    <div id="heading"
      class="flex items-center -top-9 left-0 rounded-md h-10 p-5 absolute justify-start font-serif text-xl bg-white w-44 font-bold text-red-500 underline">
      <h1 class="text-center">Life Guard</h1>
    </div>
    <div id="body" class="grid grid-flow-col grid-cols-2 gap-5">
      <div class="" id="text">
        <div class="text-5xl font-bold text-teal-600">
```

```
        <h1>Reporting an Accident:</h1>
       </div>
       <div id="sideheading" class="ml-6 mt-4 text-xl font-semibold text-red-400">
        <h2> <br>4 Steps for Writing an Effective Accident Report: </h2>
        <hr style="height:2px;border-width:0;color:grayteal-600;background-color:gray"><br>
       </div>
       <div id="points" class="ml-6">
        <ol class="list-disc capitalize">
         <li>
          <strong> Respond Immediately - </strong>Employees should notify their supervisor
as soon as an accident or
          injury occurs. The supervisors first responsibility is to see that proper medical
treatment or first aid
          is provided. Also, if the hazard still exists, the supervisor needs to immediately
eliminate it. Your
          company should have an established procedure for this.If someone's not breathing,
clear their airway.
         </li>
         <ol class="list-disc capitalize">
          <li><strong>Find the Facts -</strong> Like Date, time and specific location of
incident
           Names, job titles and department of employees involved and immediate supervisors
           Names and accounts of witnesses,Circumstances, Specific injuries etc..
          </li>
          <li><strong> After determining how, you must find out why-</strong>likePrimary
causes (e.g. a spill on the
           floor that caused a slip and fall)
           Secondary causes (e.g. employee not wearing appropriate work shoes or carrying a
stack of material that
           blocked vision)
           Other contributing factors (e.g., burned out light bulb in the area)</li>
         </ol>
         <li><strong> Complete Corrective Action Plan-</strong>Recommendations for
corrective action might include
          immediate corrective action, as well as long-term corrective actions such as
Employee training on safe
          work practices,Conducting a job hazard analysis to evaluate the task for any other
hazards and then train
          employees on these hazards,
          Engineering changes that make the task safer or administrative changes that might
include changing the way
          the task is performe
          Preventive maintenance activities that keep equipment in good operating condition
etc.. </li>
        </div>
      </div>
      <div class="">
       <img class="h-full rounded" src="accidentreport.jpg" ; />
      </div>
     </div>
    </div>
</body>

</html>
```

aboutourbody.php

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>About our Body :</title>
    <script src="https://cdn.tailwindcss.com"></script>
    <style>
      body {
        background-color: #dfdbe5;
        background-image: url("https://cdn.hipwallpaper.com/i/70/99/5xKQ1C.jpg");
      }
    </style>
  </head>
  <body>
    <div
      class="m-10 mt-16 flex h-max flex-col gap-10 bg-gray-100 p-10 rounded-md relative"
    >
      <div
        id="heading"
        class="flex items-center -top-9 left-0 rounded-md h-10 p-5 absolute justify-start font-
serif text-xl bg-white w-44 font-bold text-red-500 underline"
      >
        <h1 class="text-center">Life Guard</h1>
      </div>
      <div id="body" class="grid grid-flow-col grid-cols-2 gap-5">
        <div class="" id="text">
          <div class="text-4xl font-bold text-teal-600">

            <h2>
              Interesting things to learn about your body:<br> </br> </h2>
          </div>

          <div id="points" class="ml-6">
            <ul class="list-disc capitalize">
              <li>
                <strong> You'll have a brand-new skeleton in 10 years:</strong>
                Your skeletal system's cells are constantly regenerating and, on average, the bones
you have now will have completely regenerated in about a decade's time. This does start to
slow down as you age, however, with regeneration taking longer, causing bones to naturally
become thinner. And if you want plenty of good years to look forward to, check out these 100
Ways to Live to 100.

              </li>
              <li>
              <strong>   Babies don't have kneecaps: </strong>
              You'd think that our kneecaps would be a necessary part of the human body. Not for
babies, who aren't born with them. Instead, their cartilage gradually turns into bone, as
```

ossification begins between the ages of two and six years—and doesn't fully finish until young adulthood.

 There are no muscles in your fingers.: Your fingers do countless important things throughout the day, from opening jars to opening doors. But don't chalk up those feats of strength to your fingers. Any movement that happens in your fingers is due to tendons and bones, with a lot of help from the muscles in the palms of your hands and at the base of each individual digit.

 Hair can "taste":

Nasal passages and lungs are lined with fine hairs, or cilia, that detect and sweep out impurities. How do they detect it? By sensing bitter tastes of the things passing through them (such as, say, nicotine). When these hairs taste something bitter, they increase their rate of movement, attempting to sweep out the bad stuff, according to a 2009 study published by the American Association for the Advancement of Science.

 Your body position affects your memory:

That bad posture isn't just giving you a backache—a 2012 article published in Biofeedback found that sitting and looking downward makes it easier to recall negative memories, while sitting upright and looking upward makes it easier to recall positive, empowering memories.

 Humans "glow," you just can't see it. : When we talk about someone having a "glow" about them, that's often literally true. Research has found that the human body does, in fact, emit visible light, but since it's about 1,000 times less intense than the levels our eyes are able to spot, it's not "visible" in practice.

<img
class="h-full rounded"
src="skeleton.webp";
/>

</body>
</html>

nationalhelpline.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>National Helplines</title>
    <script src="https://cdn.tailwindcss.com"></script>
    <style>
      body {
        background-color: #dfdbe5;
        background-image: url("https://cdn.hipwallpaper.com/i/70/99/5xKQ1C.jpg");
      }
    </style>
  </head>
  <body>
    <div
      class="m-10 mt-16 flex h-max flex-col gap-10 bg-gray-100 p-10 rounded-md relative"
    >
      <div
        id="heading"
        class="flex items-center -top-9 left-0 rounded-md h-10 p-5 absolute justify-start font-serif text-xl bg-white w-44 font-bold text-red-500 underline"
      >
        <h1 class="text-center">Life Guard</h1>
      </div>
      <div id="body" class="grid grid-flow-col grid-cols-2 gap-5">
        <div class="" id="text">
          <div class="text-5xl font-bold text-teal-600">
            <h1>National Helplines: </h1>
            <hr style="height:2px;border-width:0;color:grayteal-600;background-color:gray"><br>
          </div>

          <div id="points" class="ml-6">
            <ul class="list-disc capitalize">
              <li>
                During a personal crisis, it can be difficult to know what to do. Stressful situations can cloud our judgment and provoke decisions or actions that may not be helpful, and not everybody has a support system they can turn to. Fortunately, if you feel overwhelmed by mental health issues of any kind, there are several helplines available to you.
              </li>
              <li>
                Often staffed by trained counselors, these organizations can provide direct and confidential assistance, crisis center referrals, and useful information for whatever you may be coping with. Know that there are countless people out there who are eager to help, especially at a time when you feel helpless.
              </li>
              <li>
                This national toll-free number—available 24/7—connects to local crisis centers where a trained worker will provide confidential support to people experiencing suicidal thoughts or emotional distress.
              </li>
              <li>
                Many people, especially teenagers and young people, are growing up more comfortable speaking via text message. The Crisis Text Line serves anyone in the United States with this confidential and free 24/7 text line, connecting you with a trained crisis counselor.
              </li>
```

```
            <li>
              All of the helplines below are toll-free and confidential, and many of them are
operated 24/7 to provide help when you need it the most.
            </li>
           </ul>
    </div>
       </div>
       <div class="">
         <img
           class="h-full rounded"
           src="nationalhelp.webp";
         />
       </div>
     </div>
    </div>
  </body>
</html>
```

ambulanceservice.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Ambulance Services</title>
  <script src="https://cdn.tailwindcss.com"></script>
  <style>
    body {
      background-color: #dfdbe5;
      background-image: url("https://cdn.hipwallpaper.com/i/70/99/5xKQ1C.jpg");
    }
  </style>
</head>

<body>
  <div class="m-10 mt-16 flex h-max flex-col gap-10 bg-gray-100 p-10 rounded-md
relative">
    <div id="heading"
      class="flex items-center -top-9 left-0 rounded-md h-10 p-5 absolute justify-start font-serif
text-xl bg-white w-44 font-bold text-red-500 underline">
      <h1 class="text-center">Life Guard</h1>
    </div>
    <div id="body" class="grid grid-flow-col grid-cols-2 gap-5">
      <div class="" id="text">
        <div class="text-5xl font-bold text-teal-600">
          <h1>Ambulance Services <br> </br></h1>

        </div>

        <div id="points" class="ml-6">
          <ul class="list-disc capitalize">
            <li>
```

```
            <strong> Compose yourself. </strong>Ambulance services play a
            critical role in the delivery of emergency response services. Take a deep breath and
take a few seconds to collect yourself. While
            time is of critical importance, you cannot be helped if you are hysterical.
          </li>
          <strong>Give the operator details.</strong>
          <li>Get someone to call 108.</li>
          <li>Your location and the number of the phone you are calling from, if you know
it.</li>
          <li> If you are in a public place- give the operator the nearest intersection or landmark
(example First and
            Main street).</li>
          <li>Tell them your name, the injured person's name and why you need an ambulance.
Relate as much medical
            history as you know. </li>
          <strong>Know the number: </strong>Emergency service numbers depend on which
country you live in. You should
          always have the number to emergency services in your area memorized. After all, it is
only three numbers.
          Look below for a list of some well-known emergency service numbers.
          <li>Dial 108 (India)</li>

          <li> Every other countries and continents too have their own numbers.</li>
          <strong>Ask the operator for an ambulance. </strong>
          <li> The operator will want to know what type of help you need. In this case, make it
clear that there has
            been a medical emergency and that you need an ambulance immediately. The
operator will send the all
            necessary units to assist you</li>
          <li>If the injury happened during the committing of a crime, you will also need police
officers sent to your
            location.</li>
          <li> If the injury occurred as the result of a fire or car accident, you will likely need
firefighters to
            come to the location as well.
          </li>
        </ul>
      </div>

    </div>
    <div class="">
      <img class="h-full rounded"
        src="ambulance1.jpg"; />
    </div>
  </div>
</body>

</html>
```

view.php

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
        @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;
800;900&display=swap');

        body{
            font-family: "Poppins", sans-serif;
            background-color:LightCoral;
        }
        table, th, td{
            border: 1px solid black;
        }
        .cont{
            background-color:AntiqueWhite;
            box-sizing: border-box;
            border-style: groove;
            border-color: rgb(139, 125, 125);
            position: relative;
            width: 1300px;
            height: 700px;
            margin-top: 30px;
            justify-content: center;
            align-items: center;
            margin-left: 200px;
            box-shadow: 0 10px 20px rgba(0,0,0,0.5);

        }
    </style>
</head>
<body>
    <div class="cont">


    <table style="width: 100%;">
    <tr>
        <th>Hospital Name</th>
        <th>Location</th>

        <th>
            O+ve
        </th>
        <th>O-ve</th>
        <th>A+ve</th>
        <th>A-ve</th>
        <th>B+ve</th>
        <th>B-ve</th>
        <th>AB+ve</th>
        <th>AB-ve</th>
    </tr>
    <?php
```

```
session_start();

if($_SERVER["REQUEST_METHOD"]=="POST")
{

$location = $_POST['location'];
$area = $_POST['area'];
$con=mysqli_connect("localhost","root","","bloodmanagement");
   $query="select * from signup WHERE location='".$location."' AND area='".$area."'  ";
   $res=mysqli_query($con,$query);
  while($rows = mysqli_fetch_assoc($res))
  { echo "<tr>";

            echo "<td>".$rows['hosname']."</td>";
            echo "<td>".$rows['location']."</td>";

            echo "<td>".$rows['Opos']."</td>";
            echo "<td>".$rows['Oneg']."</td>";
            echo "<td>".$rows['Apos']."</td>";

            echo "<td>".$rows['Aneg']."</td>";
            echo "<td>".$rows['Bpos']."</td>";
            echo "<td>".$rows['Bneg']."</td>";
            echo "<td>".$rows['ABpos']."</td>";

            echo "<td>".$rows['ABneg']."</td>";

   }
}?>
   </table>
</div>
   </body>
</body>
</html>
```

review.php

```
<?php
if($_SERVER["REQUEST_METHOD"]=="POST"){
$name = $_POST['name'];
$mail = $_POST['mail'];
$review = $_POST['review'];
$con=mysqli_connect("localhost","root","","bloodmanagement");
   $query="select * from review";
   $res=mysqli_query($con,$query);
   if(mysqli_num_rows($res)>=0){

   $query="INSERT INTO review(name,mail,numbe,review)
values('$name','$mail','$number','$review')";
   $res=mysqli_query($con,$query);
   echo '<script>alert("submitted successfull")</script>';
}
else{
  echo"Not created";
```

```
}
}?>
<!DOCTYPE html>
<html>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}

.mdiv{
   display: block;
   margin: 200px;
   margin-top: -5px;
   margin-bottom: -5px;
}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}

hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}

/* Set a style for all buttons */
button {
  background-color: #4CAF50;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}

button:hover {
  opacity:1;
}

/* Extra styles for the cancel button */
.cancelbtn {
  padding: 14px 20px;
```

```
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 50%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
  .cancelbtn, .signupbtn {
     width: 100%;
  }
}
</style>
<body>
   <div class="mdiv">
      <form action="<?php echo $_SERVER['PHP_SELF'];?>" method="POST"
style="border:1px solid #ccc">
          <div class="container">
            <h1>Review</h1>
            <p>Please fill this to get upgraded.</p>
            <hr>

            <label for="hosp-name"><b>Name</b></label>
            <input type="text" placeholder="Enter Name" name="name" required>

            <label for="psw"><b>Mail</b></label>
            <input type="text" placeholder="Enter Mail" name="mail" required>



            <label for="psw-repeat"><b>Review</b></label>
            <input type="text" placeholder="Review" name="review" required>
<br>
 <br>
             <label>
              <input type="checkbox" checked="checked" name="remember" style="margin-
bottom:15px"> Remember me
            </label>
           <div class="clearfix">
```

```
            <button type="submit" class="signupbtn">Submit</button>
          </div></form>
        <form action="firstPage2.php">
            <button type="submit" class="cancelbtn">Cancel</button></form>

            <form action="feedback.php">
            <button type="submit" class="cancelbtn">view Feedback</button></form>
</div>
      </div>
</body>
</html>
```

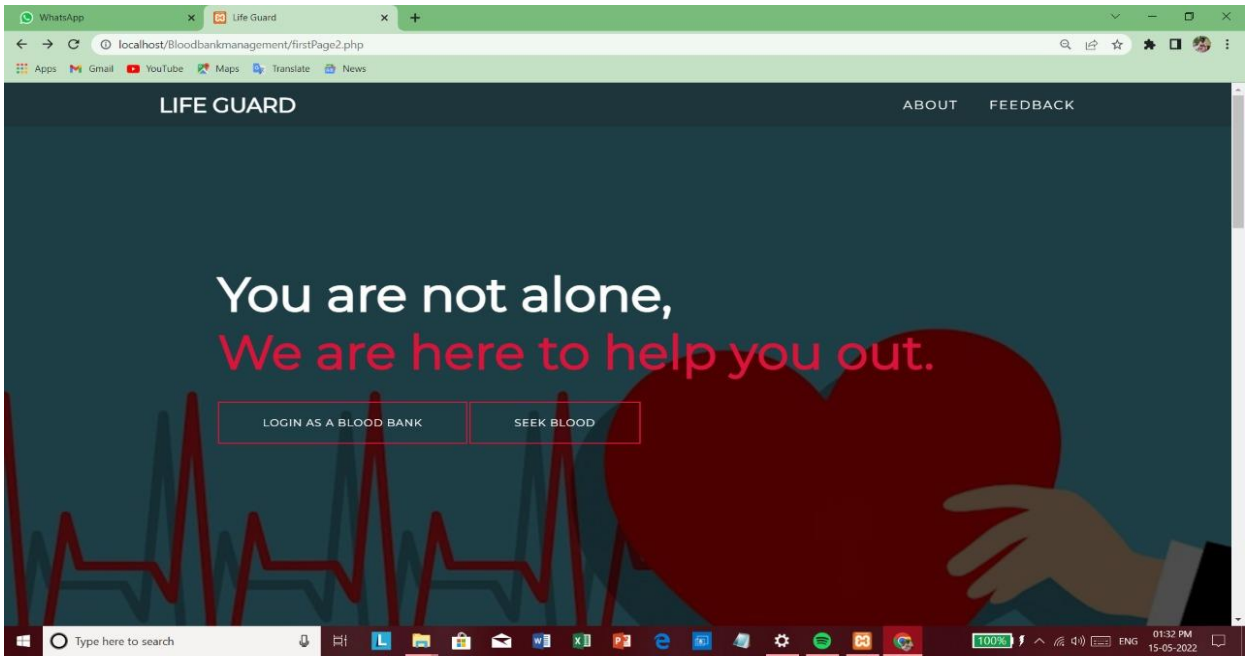
feedback.php

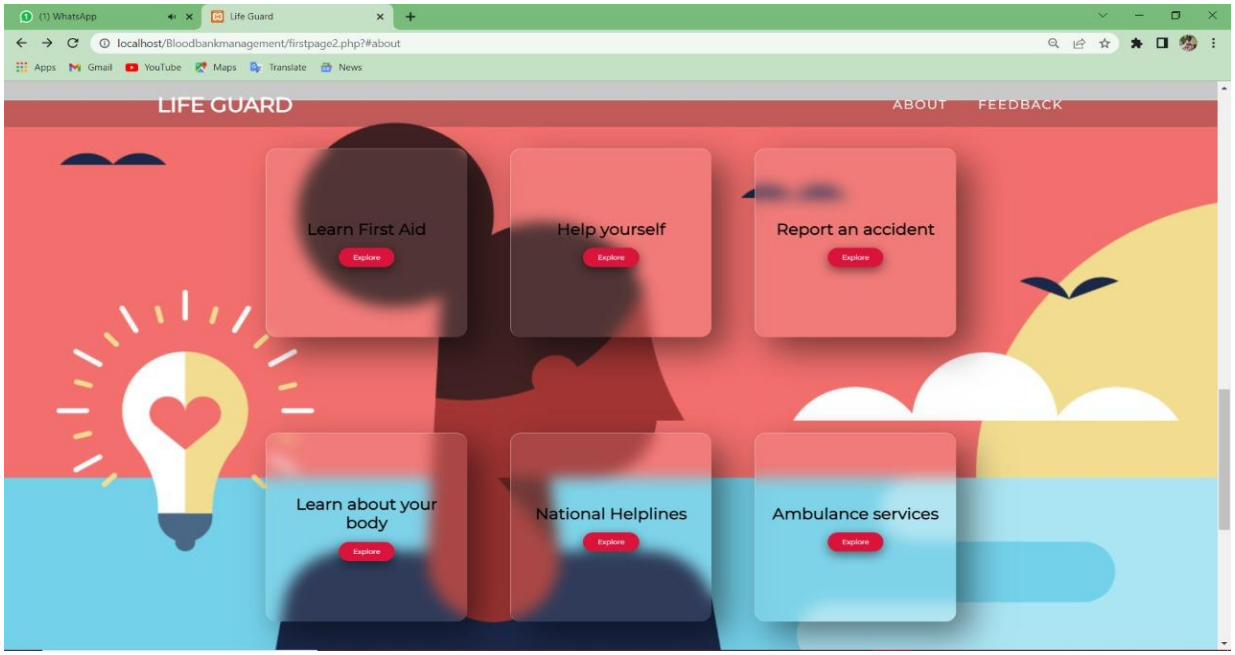
```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>feedback</title>
   <style>
       @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;
800;900&display=swap');

      body{
         font-family: "Poppins", sans-serif;
         background-color: LightCoral;
      }
      table, th, td{
         border: 1px solid black;
      }
      .cont{
         background-color:AntiqueWhite;
         box-sizing: border-box;
         border-style: groove;
         border-color: rgb(139, 125, 125);
         position: relative;
         width: 1300px;
         height: 800px;
         margin-top: 30px;
         justify-content: center;
         align-items: center;
         margin-left: 200px;
         box-shadow: 0 10px 20px rgba(0,0,0,0.5);
       }
   </style>
</head>
<body>
   <div class="cont">
<table style="width: 100%;">
   <tr>
```

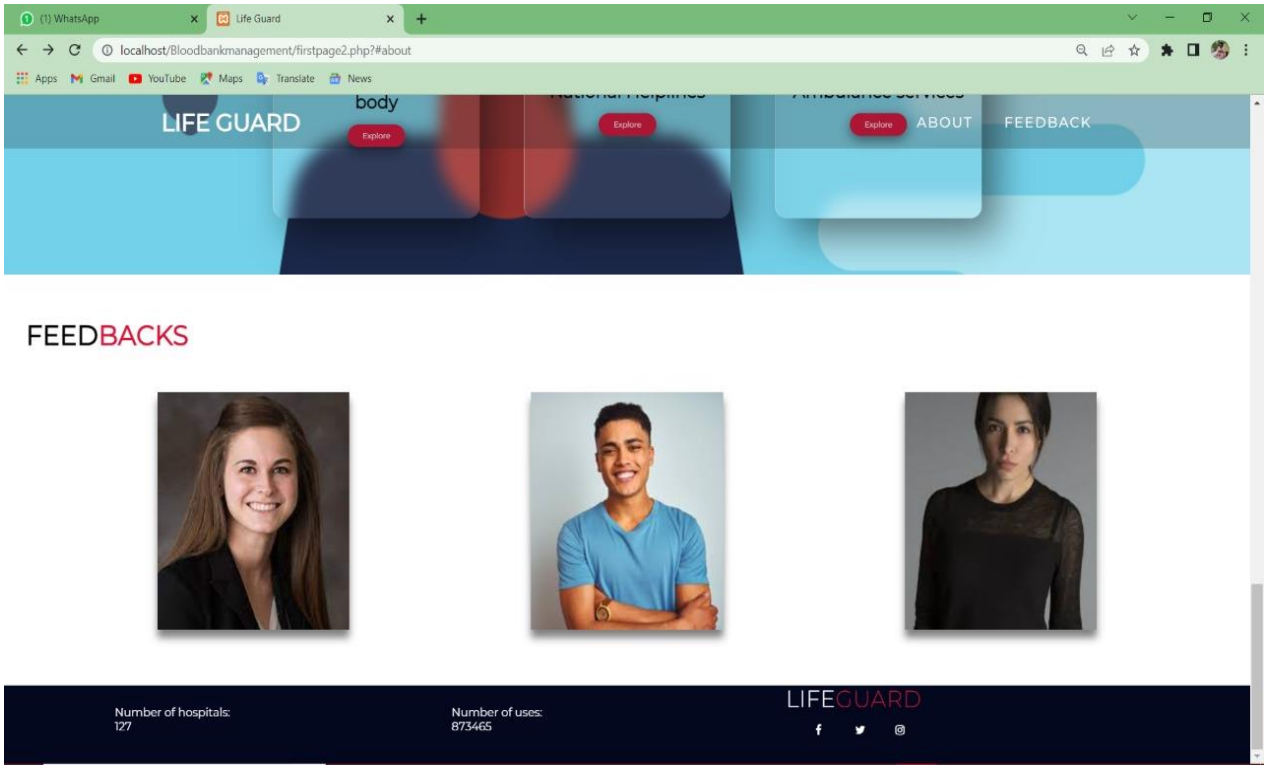
```
        <th>Name</th>
        <th>Mail</th>
        <th>Number</th>
        <th>
           Review
        </th>

    </tr>
     <?php

              session_start();
              $con=mysqli_connect("localhost","root","","bloodmanagement");
              $query="select * from review";
              $res=mysqli_query($con,$query);
              while($rows = mysqli_fetch_assoc($res)){

            echo "<tr>";
             echo "<td>".$rows['name']."</td>";
             echo "<td>".$rows['mail']."</td>";
             echo "<td>".$rows['numbe']."</td>";
             echo "<td>".$rows['review']."</td>";

            }
               ?>
    </table>
</div>
    </body>
</body>
</html>
```

Screenshots

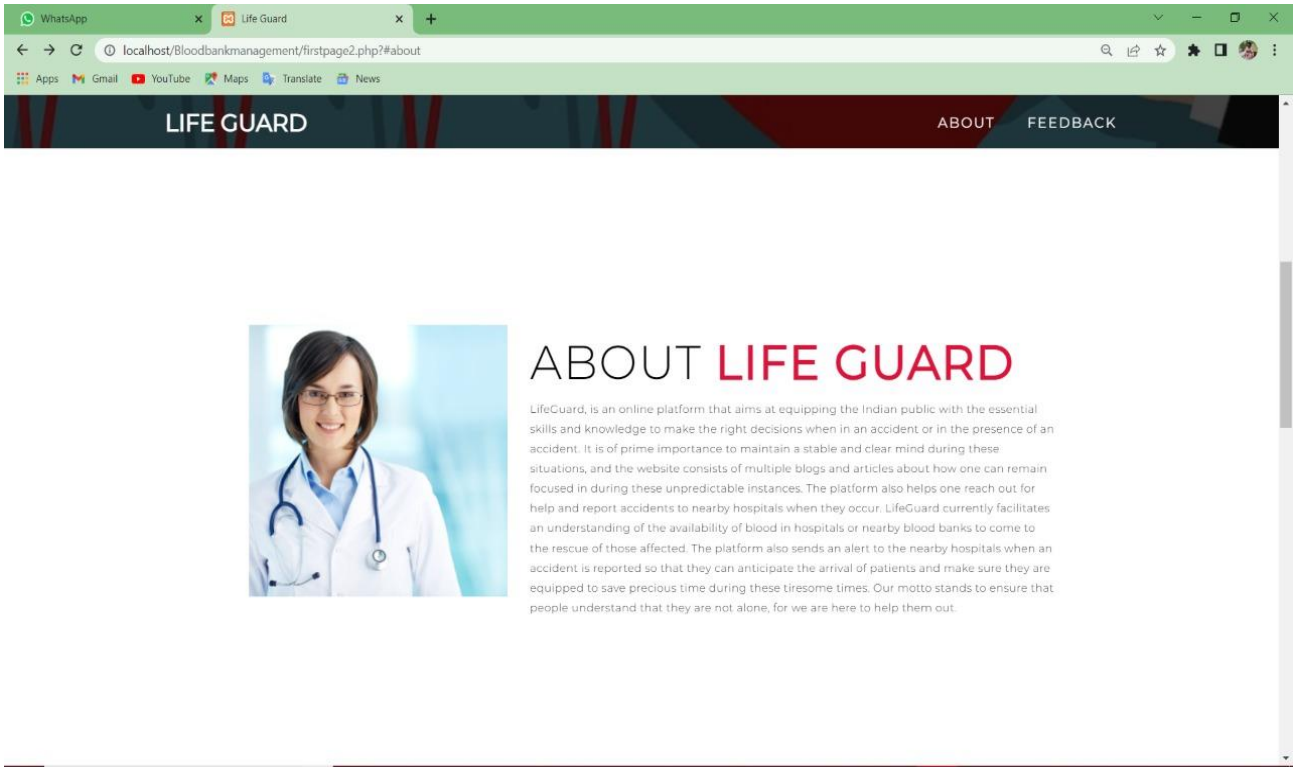
Home



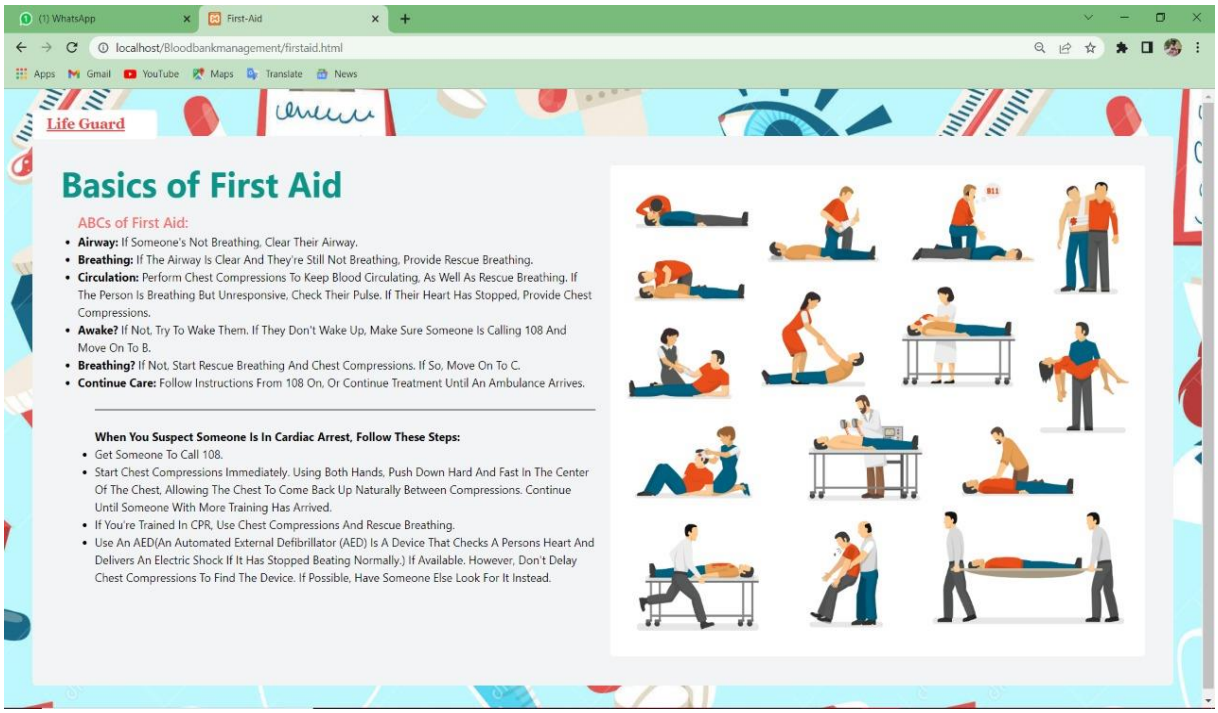



(1) WhatsApp
Life Guard
localhost/Bloodbankmanagement/firstpage2.php?#about
Apps
Gmail
YouTube
Maps
Translate
News
LIFE GUARD
body
Explore
Explore
Explore
ABOUT
FEEDBACK
FEEDBACKS
Number of hospitals:
127
Number of uses:
873465
LIFEGUARD

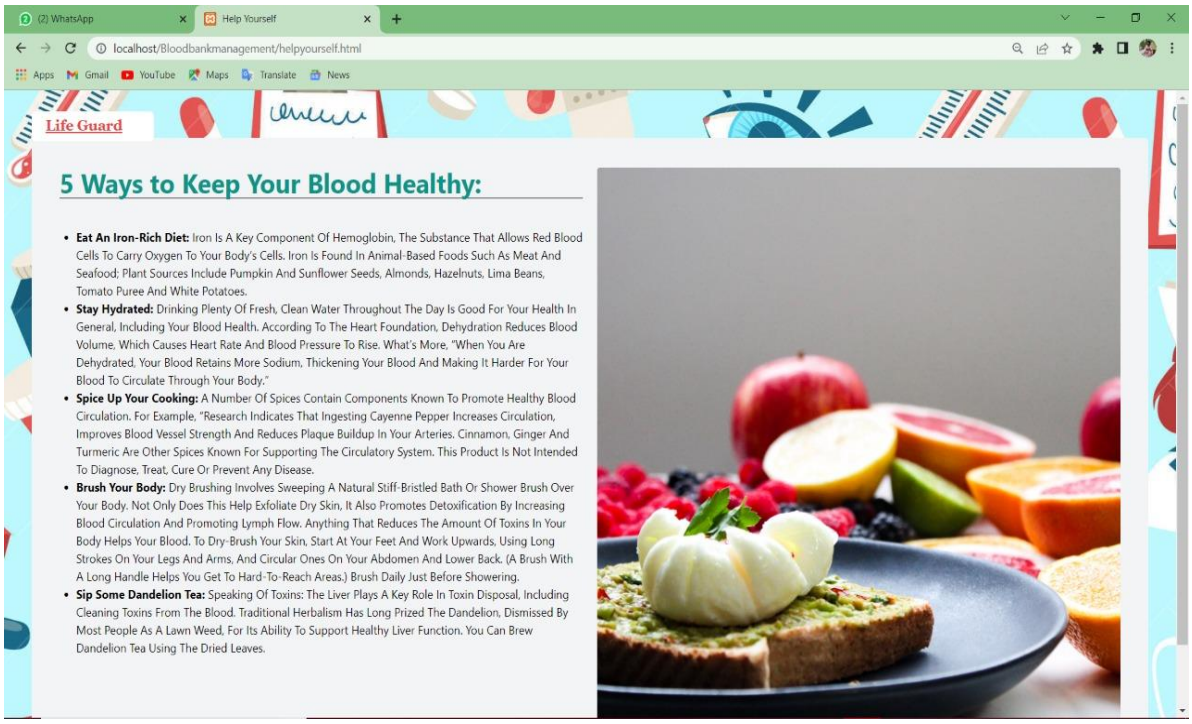
About


WhatsApp
Life Guard
localhost/Bloodbankmanagement/firstpage2.php?#about
Apps
Gmail
YouTube
Maps
Translate
News
LIFE GUARD
ABOUT
FEEDBACK
ABOUT LIFE GUARD
LifeGuard, is an online platform that aims at equipping the Indian public with the essential skills and knowledge to make the right decisions when in an accident or in the presence of an accident. It is of prime importance to maintain a stable and clear mind during these situations, and the website consists of multiple blogs and articles about how one can remain focused in during these unpredictable instances. The platform also helps one reach out for help and report accidents to nearby hospitals when they occur. LifeGuard currently facilitates an understanding of the availability of blood in hospitals or nearby blood banks to come to the rescue of those affected. The platform also sends an alert to the nearby hospitals when an accident is reported so that they can anticipate the arrival of patients and make sure they are equipped to save precious time during these tiresome times. Our motto stands to ensure that people understand that they are not alone, for we are here to help them out.

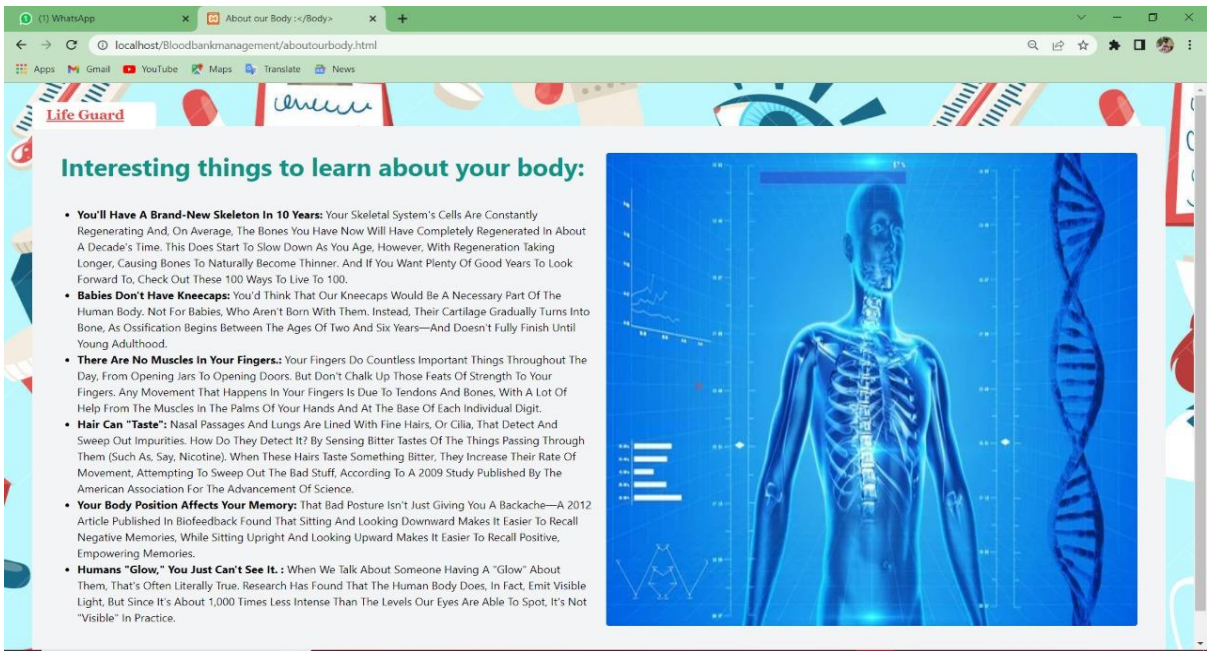
First Aid



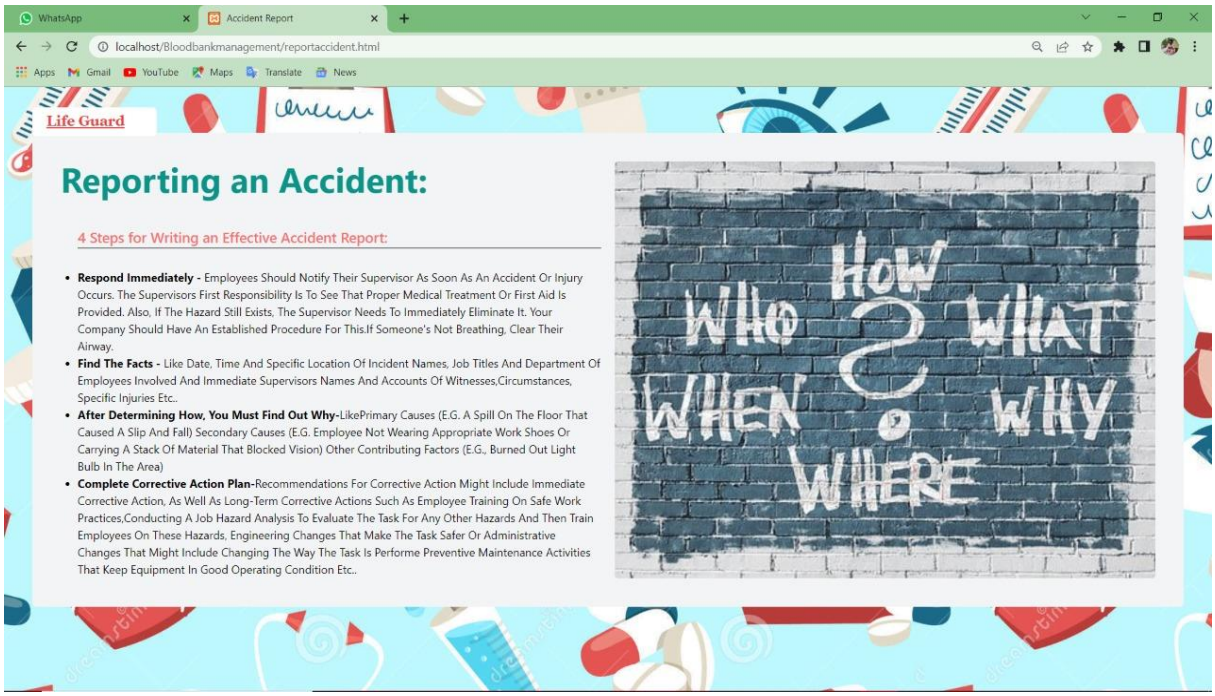
Help Yourself



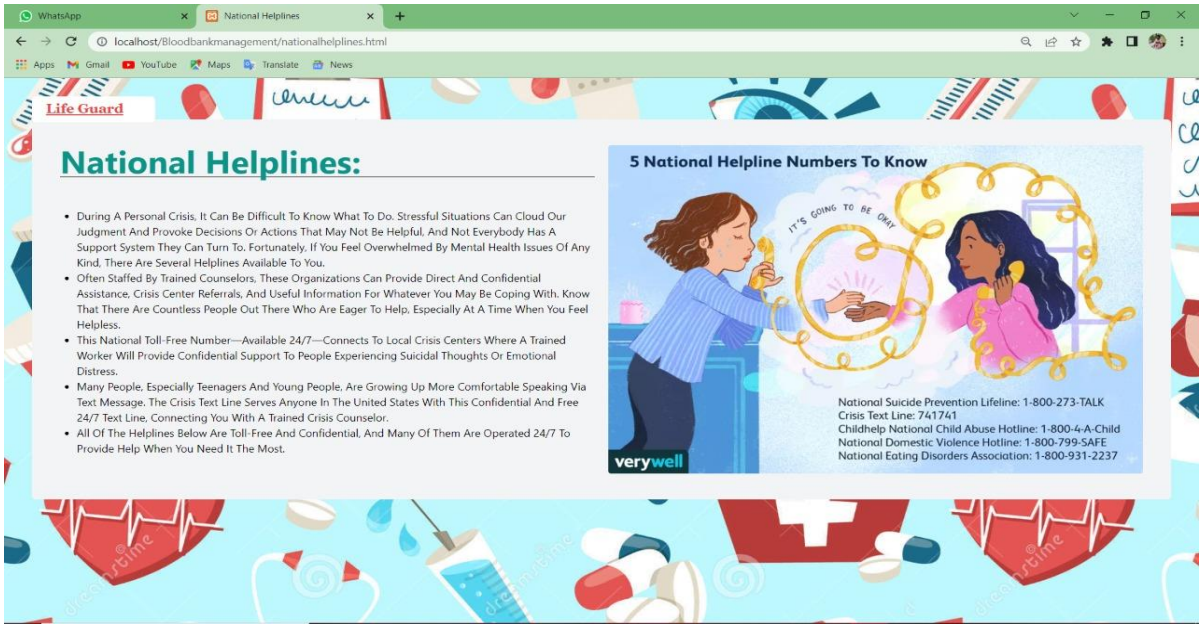
Learn about your body



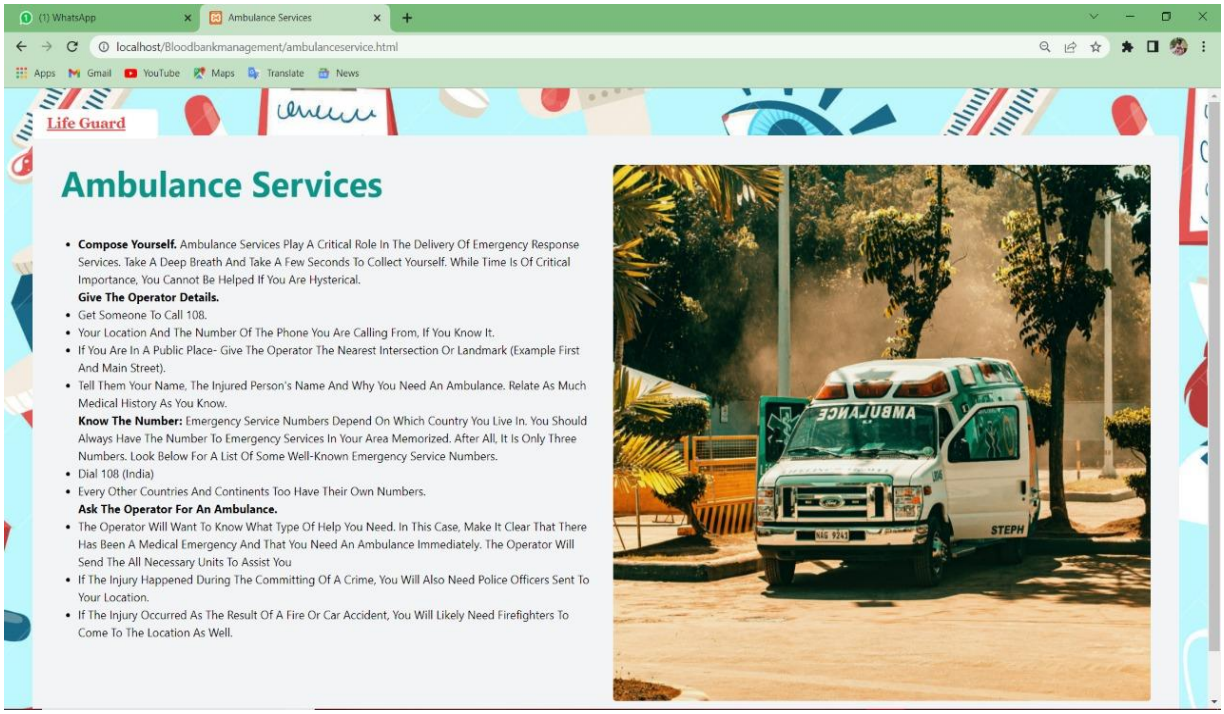
Reporting an Accident



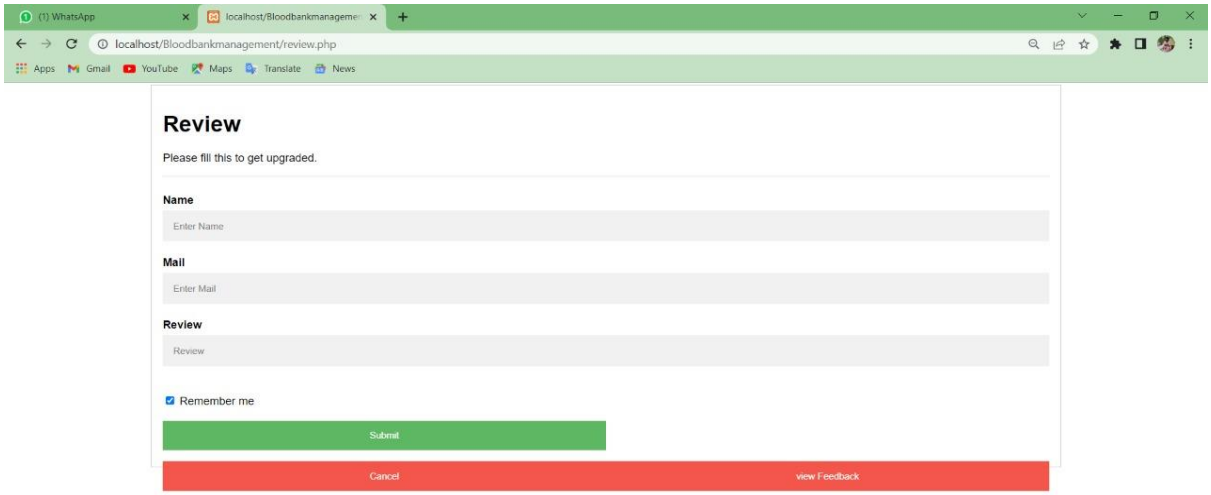
National Helplines

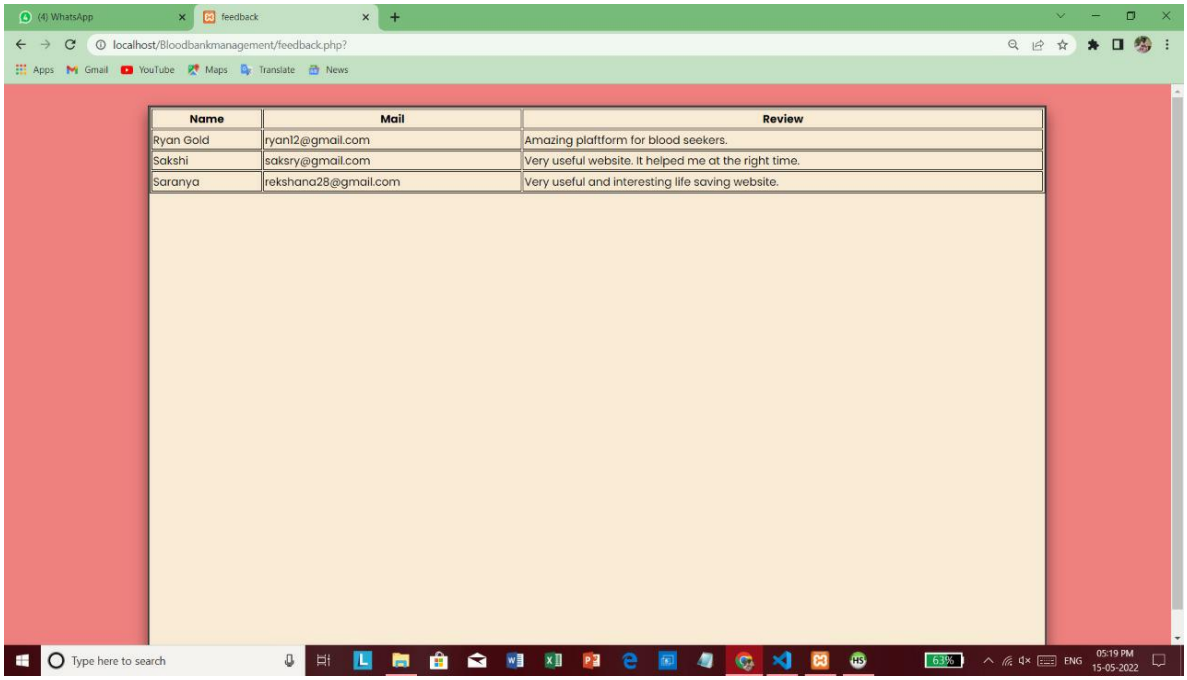


Ambulance Services



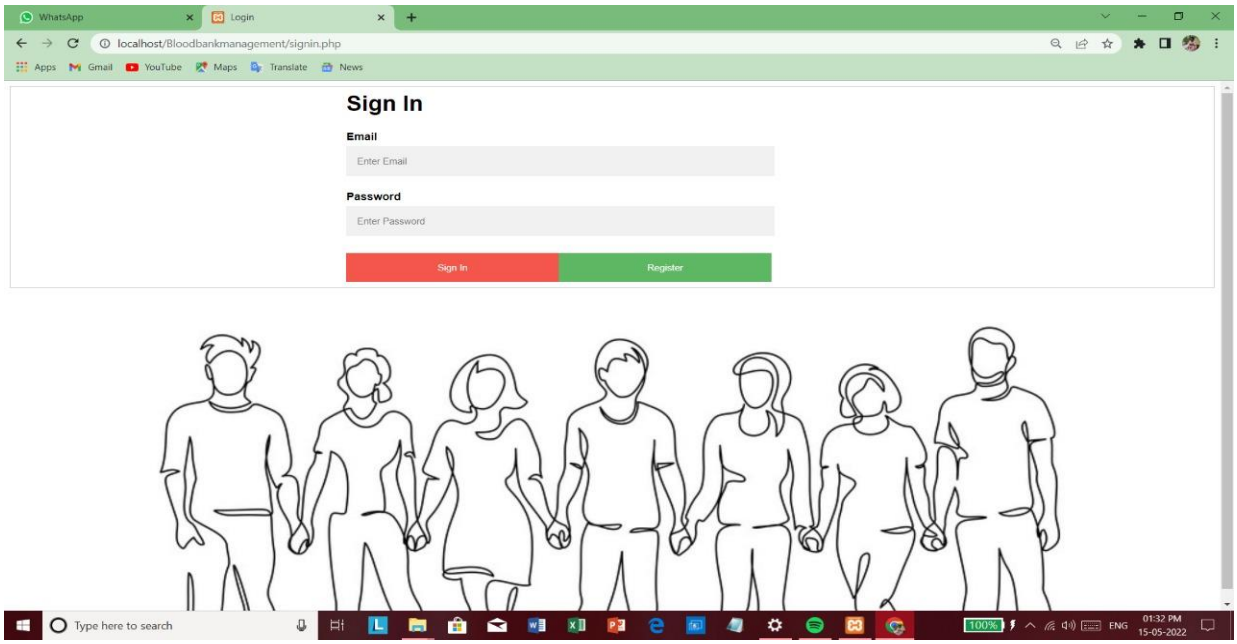
Feedback


(1) WhatsApp
localhost/Bloodbankmanageme
localhost/Bloodbankmanagement/review.php
Apps
Gmail
YouTube
Maps
Translate
News
Review
Please fill this to get upgraded.
Name
Enter Name
Mail
Enter Mail
Review
Review
Remember me
Submit
Cancel
view Feedback

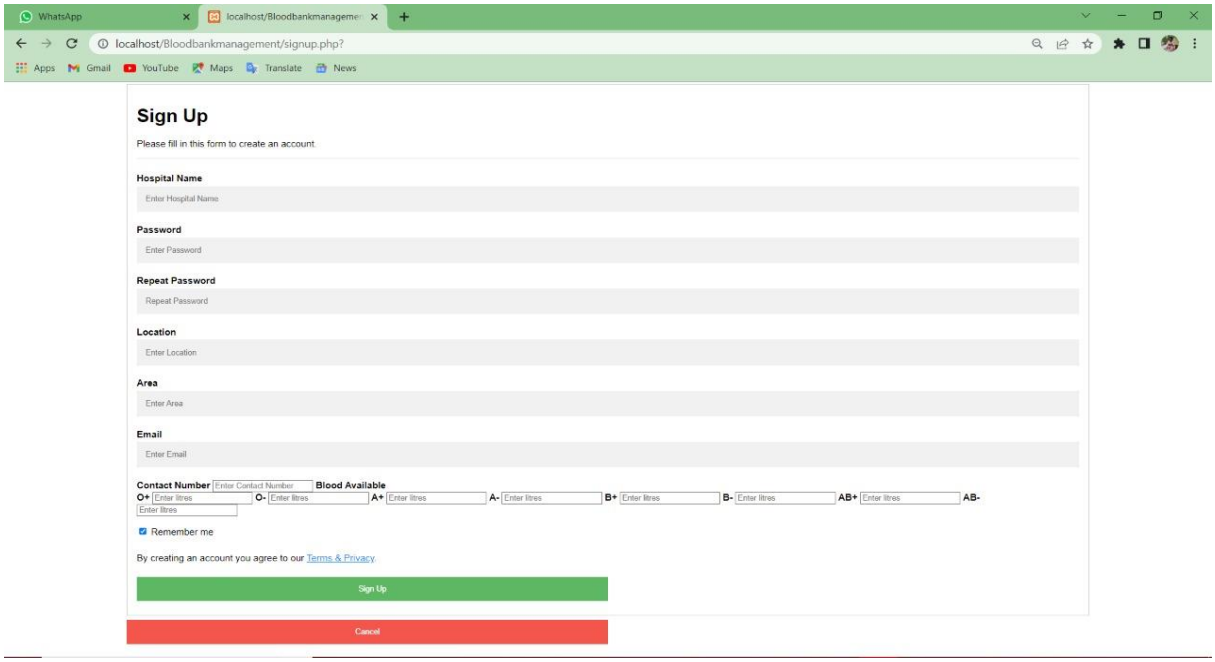

(4) WhatsApp
feedback
localhost/Bloodbankmanagement/feedback.php?
Apps
Gmail
YouTube
Maps
Translate
News
Name
Mail
Review
Ryan Gold
ryan12@gmail.com
Amazing plaftform for blood seekers.
Sakshi
saksry@gmail.com
Very useful website. It helped me at the right time.
Saranya
rekshana28@gmail.com
Very useful and interesting life saving website.
Type here to search
63%
ENG
05:19 PM
15-05-2022

Login as a Blood bank:

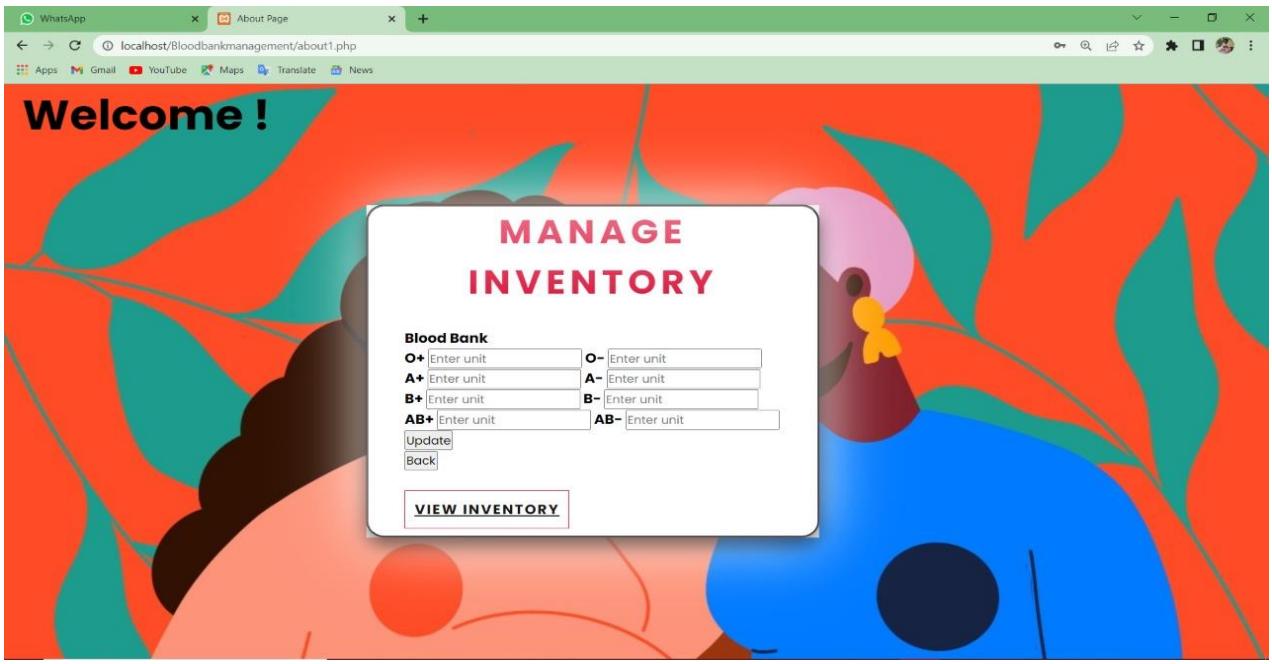
Signin



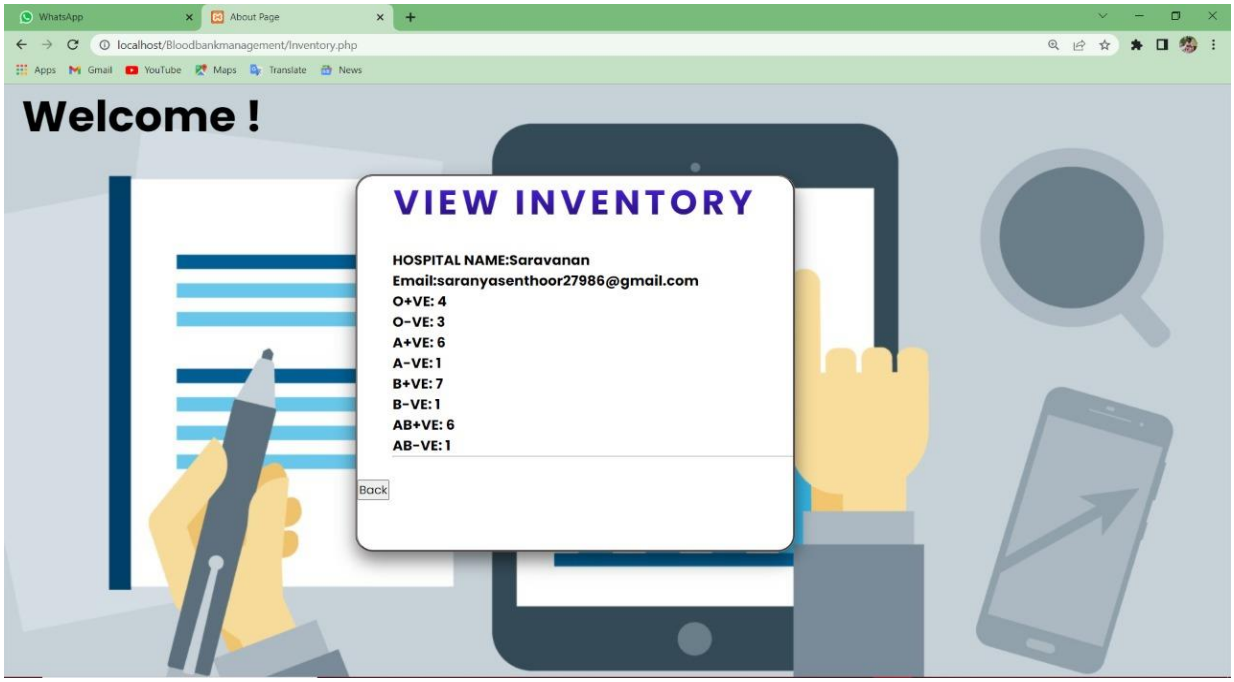
Signup



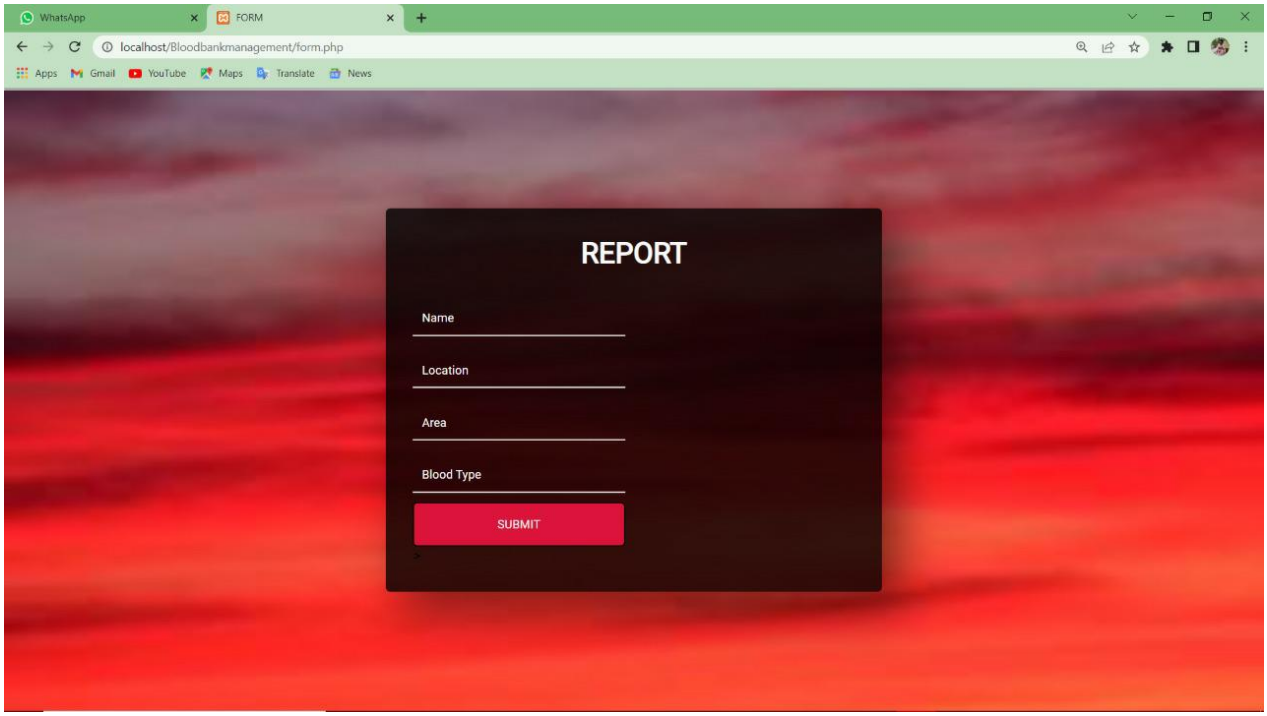
Manage Inventory

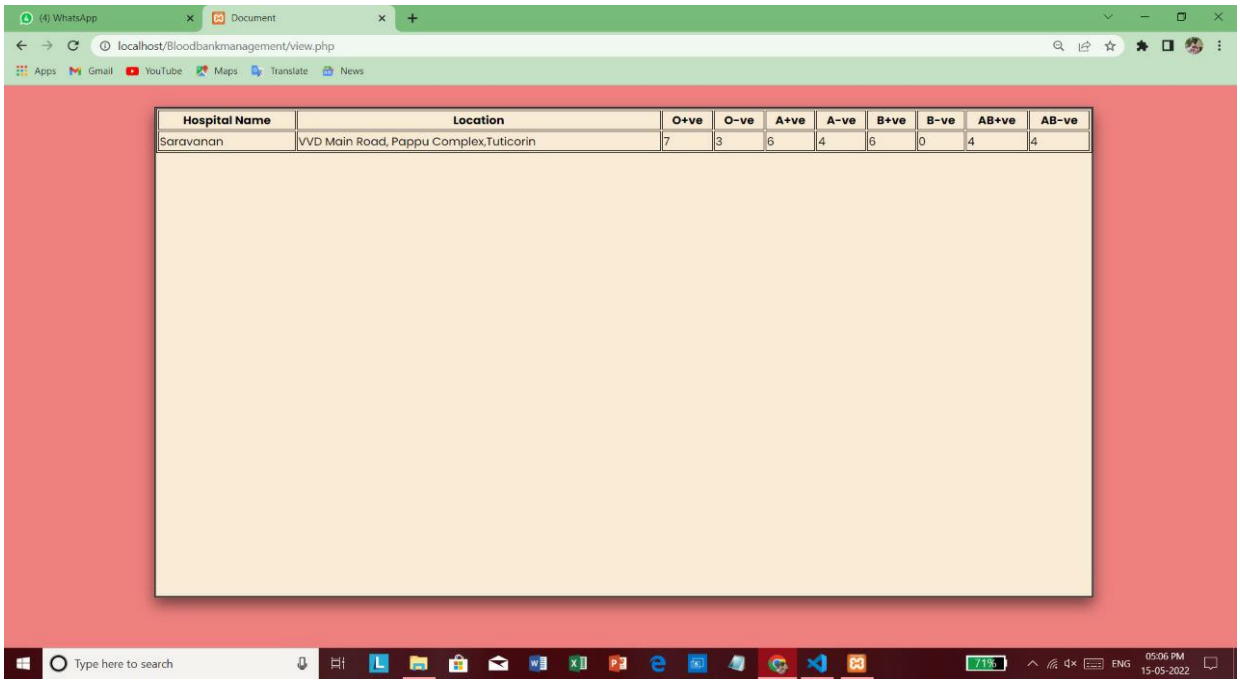


View Inventory



Blood Bank


WhatsApp
FORM
localhost/Bloodbankmanagement/form.php
Apps
Gmail
YouTube
Maps
Translate
News
REPORT
Name
Location
Area
Blood Type
SUBMIT


(4) WhatsApp
Document
localhost/Bloodbankmanagement/view.php
Apps
Gmail
YouTube
Maps
Translate
News
Hospital Name
Location
O+ve
O-ve
A+ve
A-ve
B+ve
B-ve
AB+ve
AB-ve
Saravanan
VVD Main Road, Pappu Complex,Tuticorin
7
3
6
4
6
0
4
4
Type here to search
71%
ENG
05:06 PM
15-05-2022

Project work on

"COLLEGE ADMISSION MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

St. Mary' s College (Autonomous), Thoothukudi

(Re-accredited with ' A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

For the Partial Fulfillment of the requirement for the award of degree in

Bachelor of Computer Science

Submitted by

1.Barshya Sahana.A 19AUCS07

2. Kamalam.E 19AUCS22

3. Malathi.R 19AUCS27

4. Santhana Lakshmi.J 19AUCS41

Under the Supervision and Guidance of

Ms.S.Gnanathangam M.C.A.,M.Phil.

BONAFIDE CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

ST. MARY'S COLLEGE(AUTONOMOUS)

THOOTHUKUDI

This is to certify that the project report entitled " COLLEGE ADMISSION MANAGEMENT SYSTEM" is the bonafide work done by

1.Barshya Sahana A	19AUCS07
2.Kamalam.E	19AUCS22
3.Malathi.R	19AUCS27
4.Santhana Lakshmi.J	19AUCS41

In the partial fulfillment of the requirements for the award of degree in

BACHELOR OF COMPUTER SCIENCE during the year 2021-2022.

S. Gnanaj
Faculty Guide

S. Gnanaj
Head of the Department

Submitted for the examination held on 23.05.2022

23/05/22
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "College Admission Management System" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.S.Gnanathangam M.C.A. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

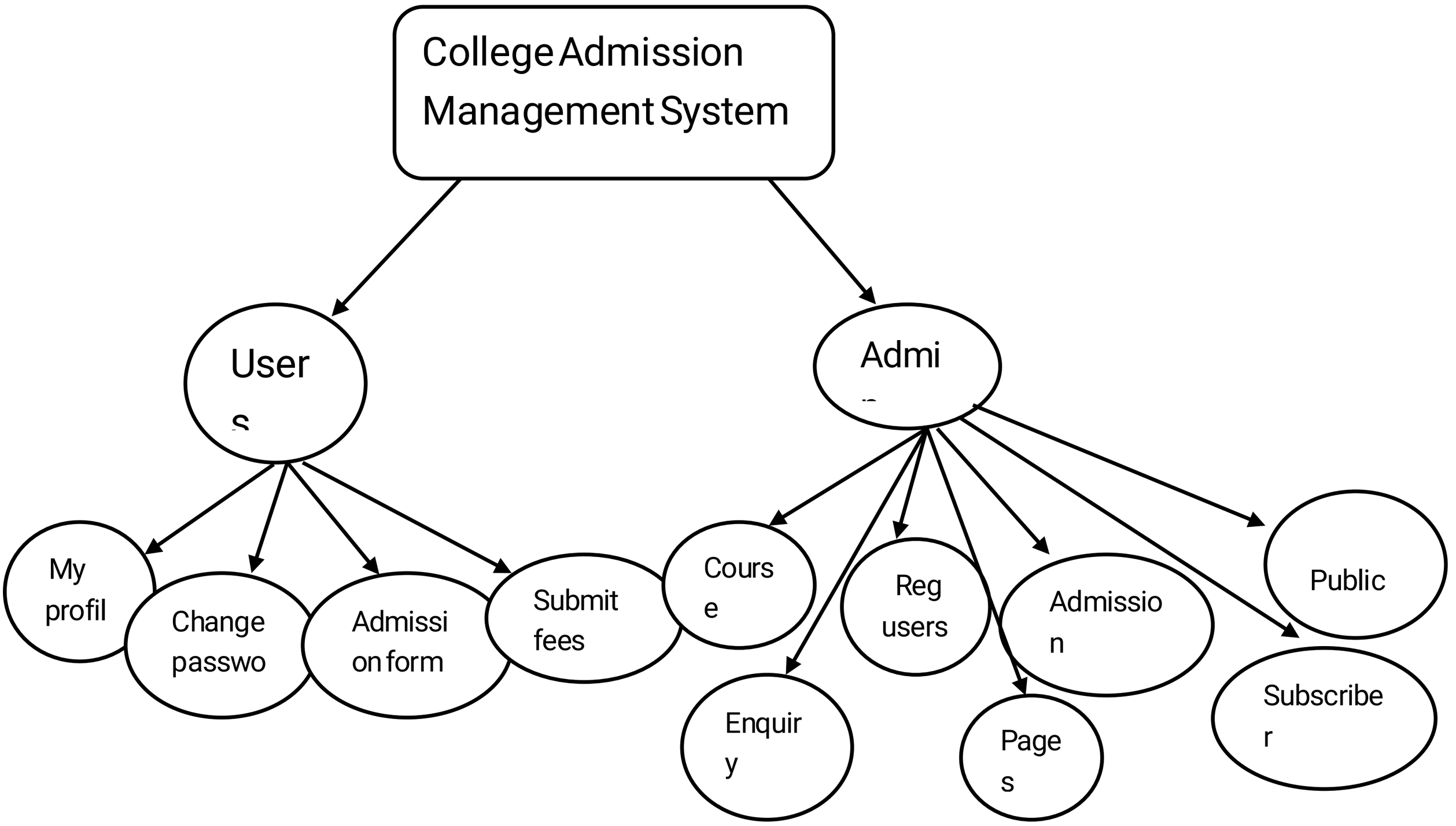
We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K. Reetha M.Sc. M.Phil., Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

CONTENTS

S. No.	TITLE	PAGE No.
1	**INTRODUCTION**	
	1.1 Project Overview	0
	1.2 Objective	0
	SYSTEM ANALYSIS	
2	2.1 Existing System	0
	2.2 Proposed System	0
	SYSTEM REQUIREMENTS	
3	3.1 Hardware Requirements	0
	3.2 Software Requirements	0
	SYSTEM OVERVIEW	
4	4.1 Module Description	0
	4.2 Software Description	0
	SYSTEM DESIGN	
	5.1 Dataflow Diagram	0
5	5.3 Input Design	0
	5.4 Output Design	0
	SYSTEM TESTING AND IMPLEMENTATION	
	6.1 System Testing	0
6	6.2 System Implementation	0
	6.3 Software Maintenance	0
7	**CONCLUSION**	0
8	**FUTURE ENHANCEMENT**	0
9	**BIBLIOGRAPHY**	0
	APPENDIX	
10	A. Screenshots	0
	B. Sample Code	0

FLOW CHART


College Admission Management System
User
s
My profil
Change passwo
Admissi on form
Submit fees
Admi
n
Cours e
Reg users
Admissio n
Public
Enquir y
Page s
Subscribe r

ABSTRACT

The **STUDENT ADMISSION MANAGEMENT SYSTEM** would cover all the specifications required to keep track of the admissions of the students in colleges or schools. It will deal with the system of applying for the admission of the students based on the inputs given by the user as per requirements through online, as well as the data transactions that take place in the respective fields of User and admin. It allows the student to apply for admission for an institution given by the head user and admin and also allows the user to list out the users with admission reports and their issues at ease. It requires user to include the data initially and then view it by the Head user and the admin any time they try to search for an query in the application. The head user and admin can also register and change the specifics of the other user’ s details whenever necessary. All information about the Head user and the other users and their data are contained in the database. This report is later generated automatically.

1. INTRODUCTION

1.1 PROJECT OVERVIEW

STUDENT ADMISSION MANAGEMENT SYSTEM App helps Teachers and students to keep track with their student admission details and their respective reports with an ease to use user interface design. And the App also Keeps Track of the sections of both the admin’ s and the head user’ s details and its user’ s admission info which is displayed in the dashboard and Helps the head user to read the report.

1.2 OBJECTIVE

The main objective of the **STUDENT ADMISSION MANAGEMENT SYSTEM** Application is to help Teachers & students to keep track with their user admission details and their respective reports.

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Although there are many different types of admission management systems available out there in the market, major

applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many admission management applications have easy to use user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design.
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time consuming.
- Specific devices required.

2.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use student admission management system application. The **STUDENT ADMISSION MANAGEMENT SYSTEM** enables the Head user to keep track of the admission of their users based on their requirements that are chosen by themselves and enables them to generate report from the given data at ease. Using the data from the users, database values are generated, which is later converted in to a report automatically by the user. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy to use User Interface.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response

- Interactive dashboard
- Providers dashboard enabled
- Enhancements using APIs

3. SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 2GB & above

HDD/SSD : 100GB & above

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM : Windows 7 & above

IDE : Visual Code Studio

FRONT END : HTML, CSS, Bootstrap 4

BACK END : PHP, JavaScript

DATABASE : MySQL

SERVER SIDE : WAMP

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

1. USER DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for users.

2. ADMISSION DETAILS

This module comprises of the admission details of the users in a single dashboard.

3. ADMIN DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for admin.

4. PROFILE

Contains the basic profile details of the user which can be later edited and deleted and also contains the password reset option.

5. REPORT GENERATOR

This module generates the report and helps the user save the report in different formats and also print the details.

6. MISCELLANEOUS

Extra pages are also offered for the application for better understanding of the application for users and additional features which is usually miscellaneous according to the application’ s functionality.

4.2 SOFTWARE DESCRIPTION

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

SPECIFICATIONS :

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

RUNTIME :

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL

database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML:

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers

do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which

reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) `text/css` is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is

high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP

originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK

A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%.Other notable browsers include Firefox and Microsoft Edge.

5. SYSTEM DESIGN

5.1 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of a computerized system and is often the major problem of a system.

In the project, the input design is made in various web forms with various methods. The attendance data is provided in the form by the user.

5.2 OUTPUT DESIGN:

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

In the project, the attendance section details are the web forms in statistics tables where the output is available.

6. SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and developments,

2. Works as expected,

3. Can be implemented with the same of characteristics,

4. Satisfies the needs of stakeholders.

6.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If

implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated' s design properties and/or requirements. The element is constructed employing appropriate technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test performed by end-users using real data over an extended period of time. There are several forms of verification that people use to validate their works. The lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and

design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test
- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you

can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into sub-systems, thich are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interface between modules. The different modules were linked together and integration testing done on them.

6.2 SYSTEM IMPLEMENTATION

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments and correcting problems Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system. Adaptation of software to a new environment may involve moving the software to a different machine, or for instance, modifying

the software to accommodate a new telecommunication protocol or an additional disk drives. Problem correction involves modification and revalidation of software to correct errors.

7. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in Student admission management system, but also the much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged.

This system is user friendly so everyone can use easily, Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

8. FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

In future this module will work as a beneficial and time saving application and will include user databases individually.

9. BIBLIOGRAPHY

Web Reference :

1. https://medium.com

2. https://www.reddit.com/

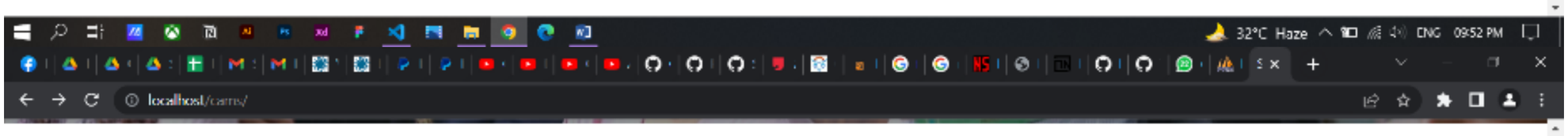
3. https://discord.com/

4.https://code.visualstudio.com/

5.http://forum.wampserver.com/

10. APPENDIX

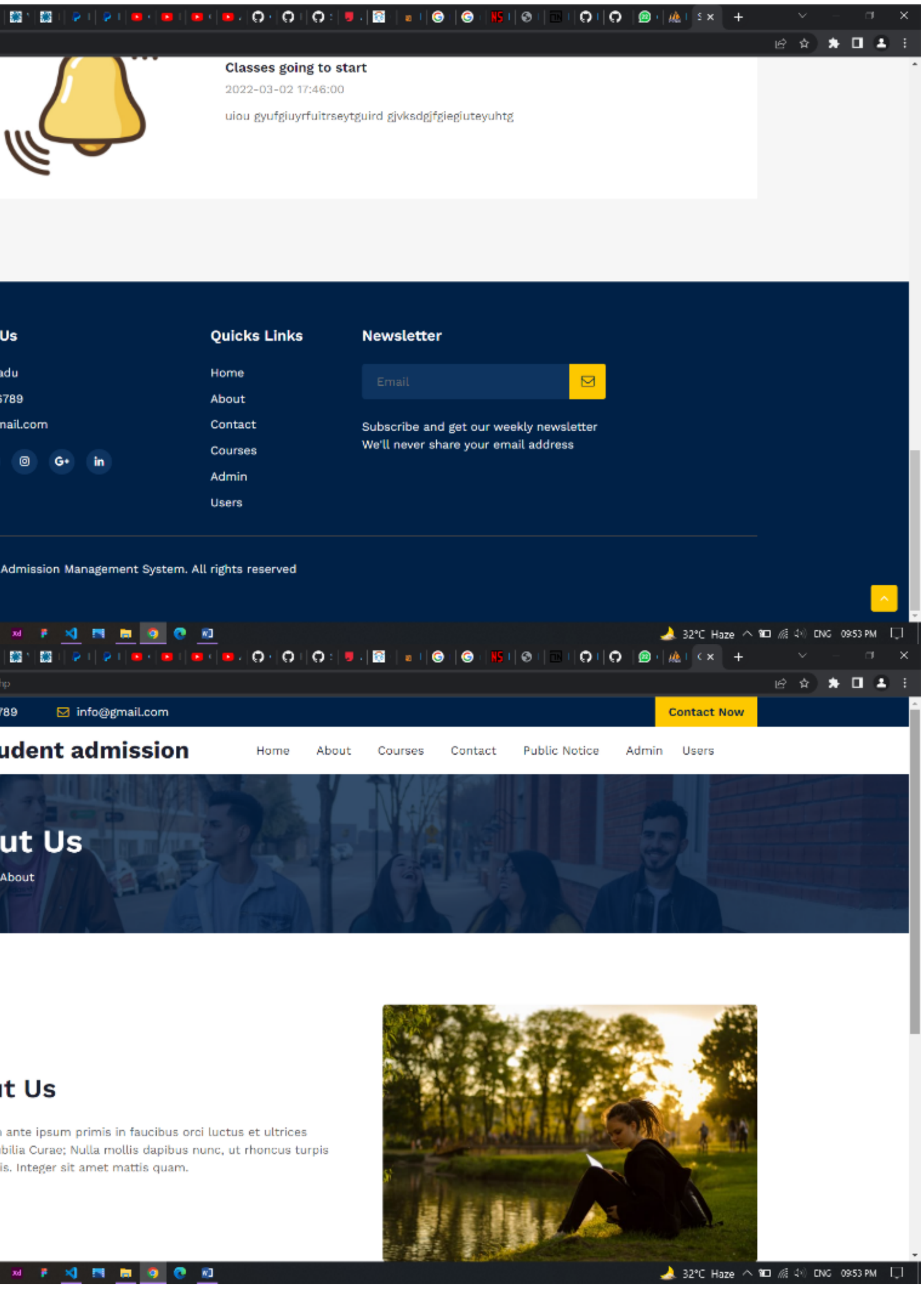
A. SCREEN SHOTS

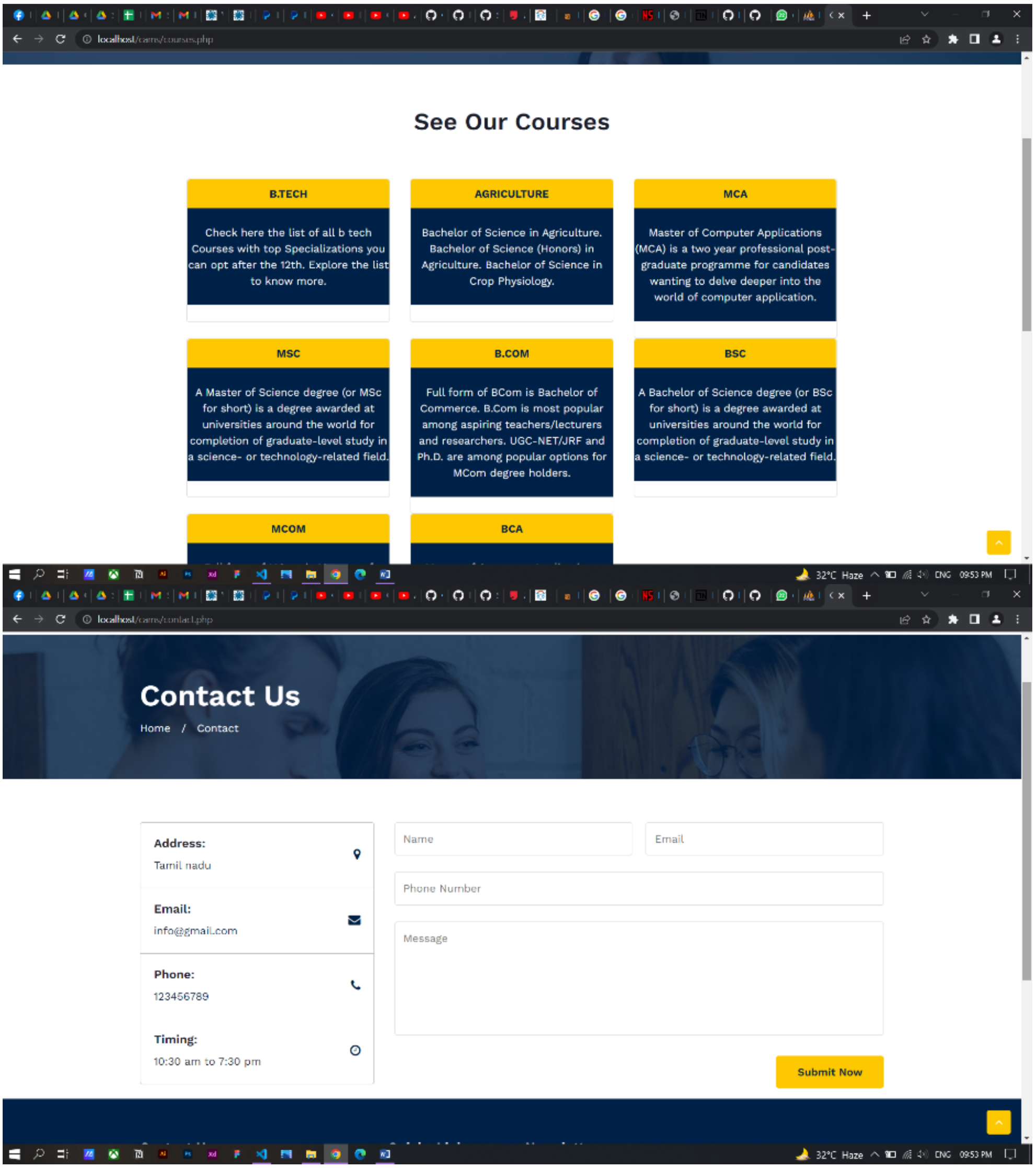


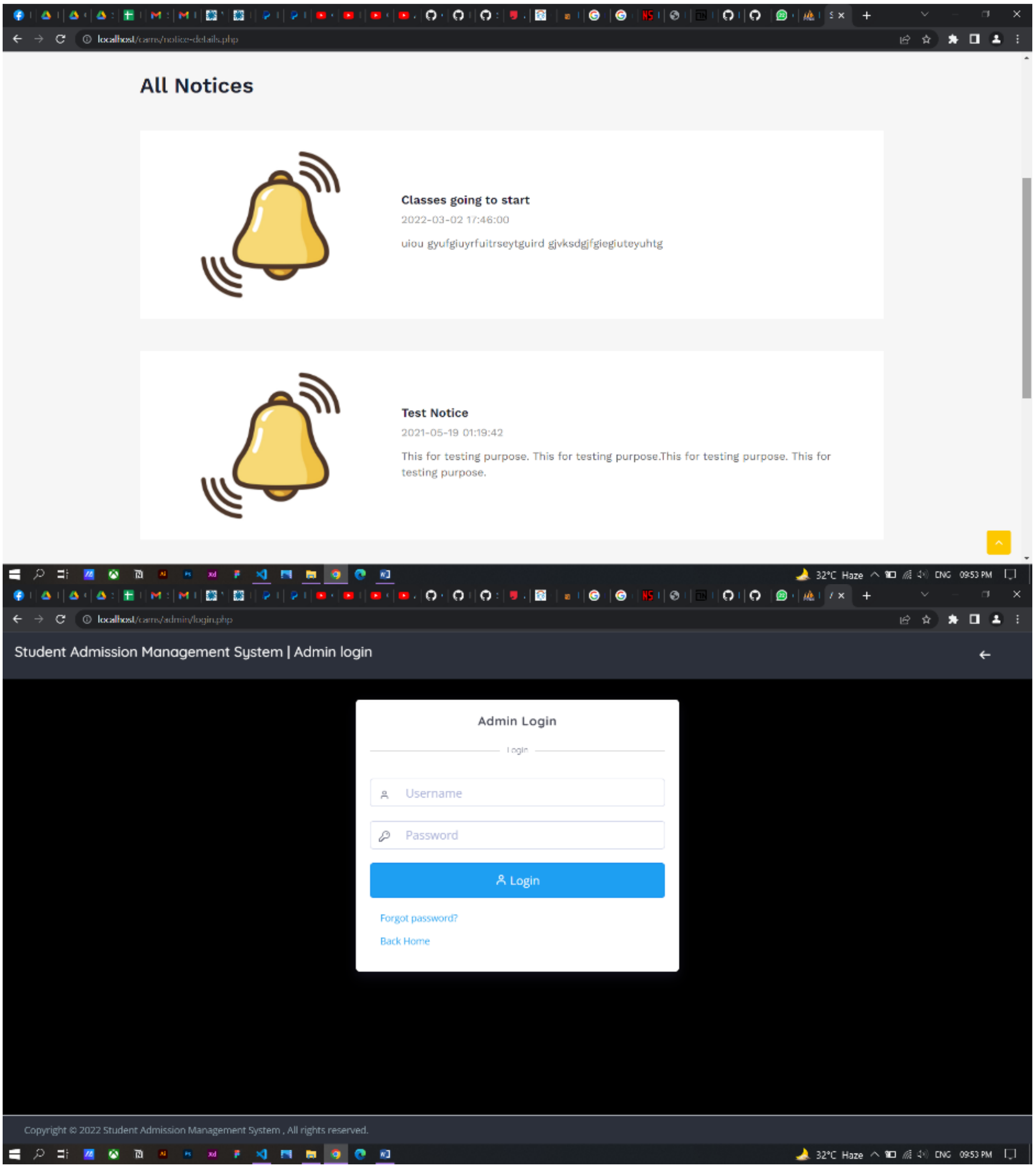
Welcome To Our Campus

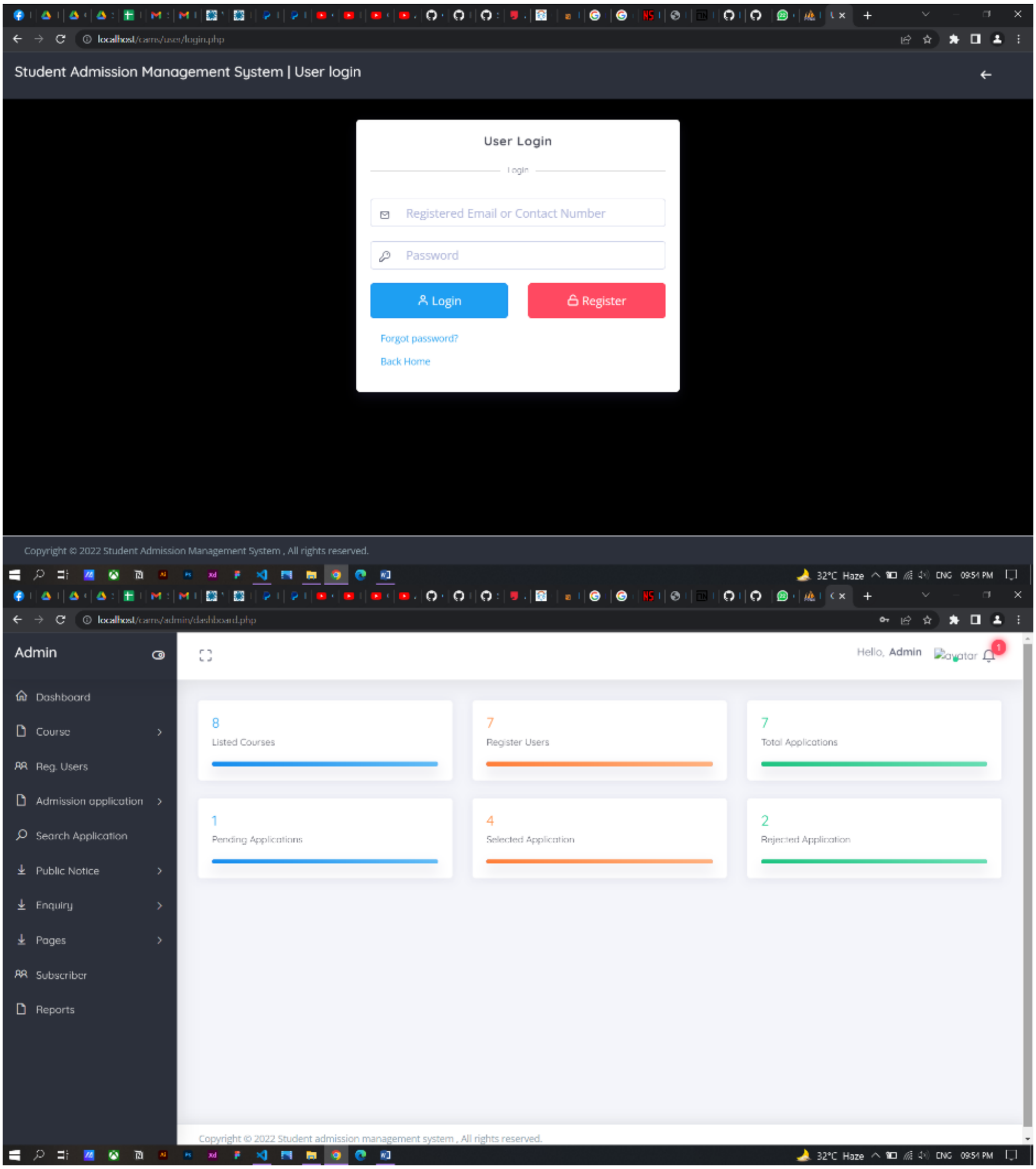
Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nulla mollis dapibus nunc, ut rhoncus turpis sodales quis. Integer sit amet mattis quam.

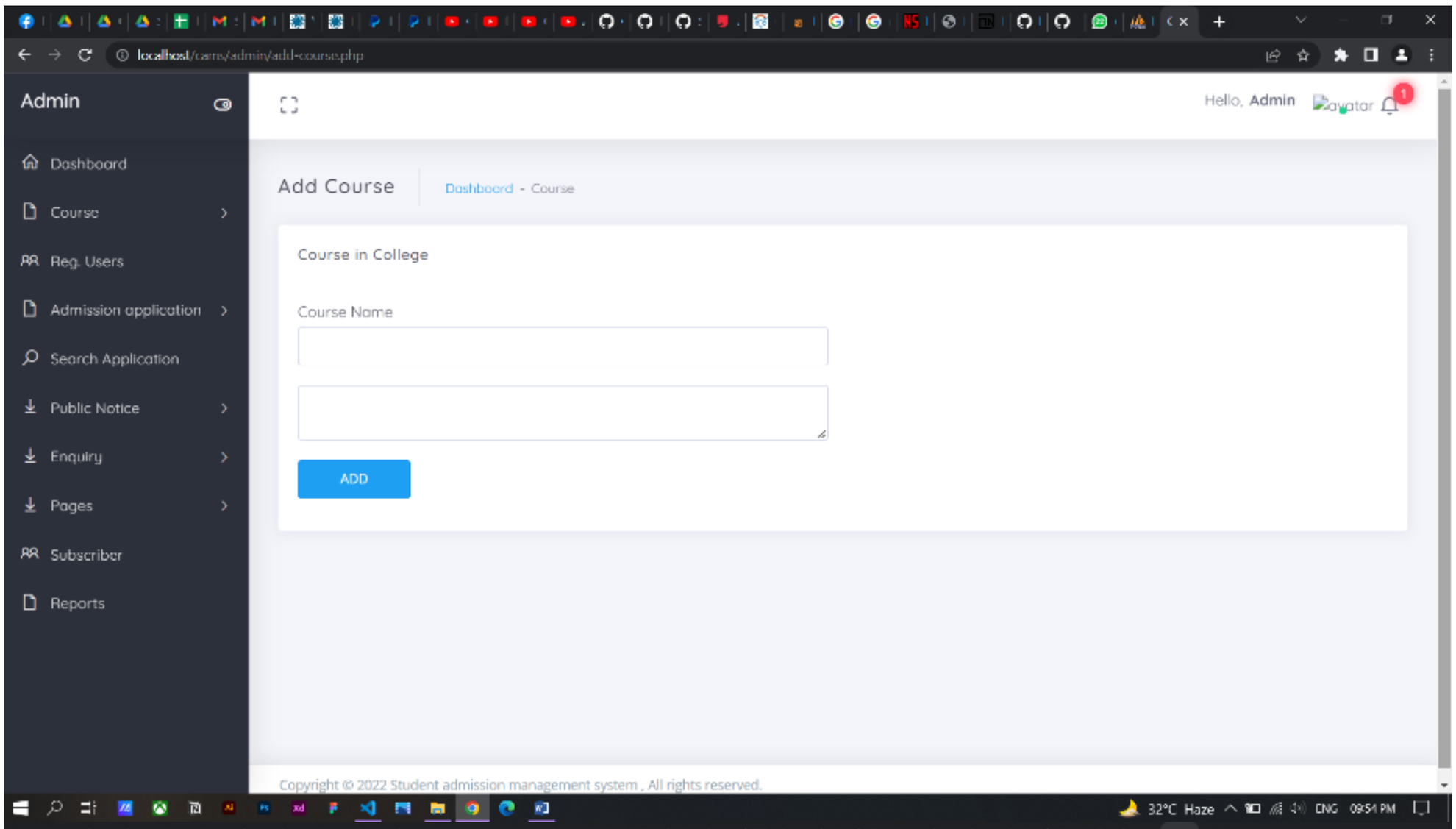
Read More

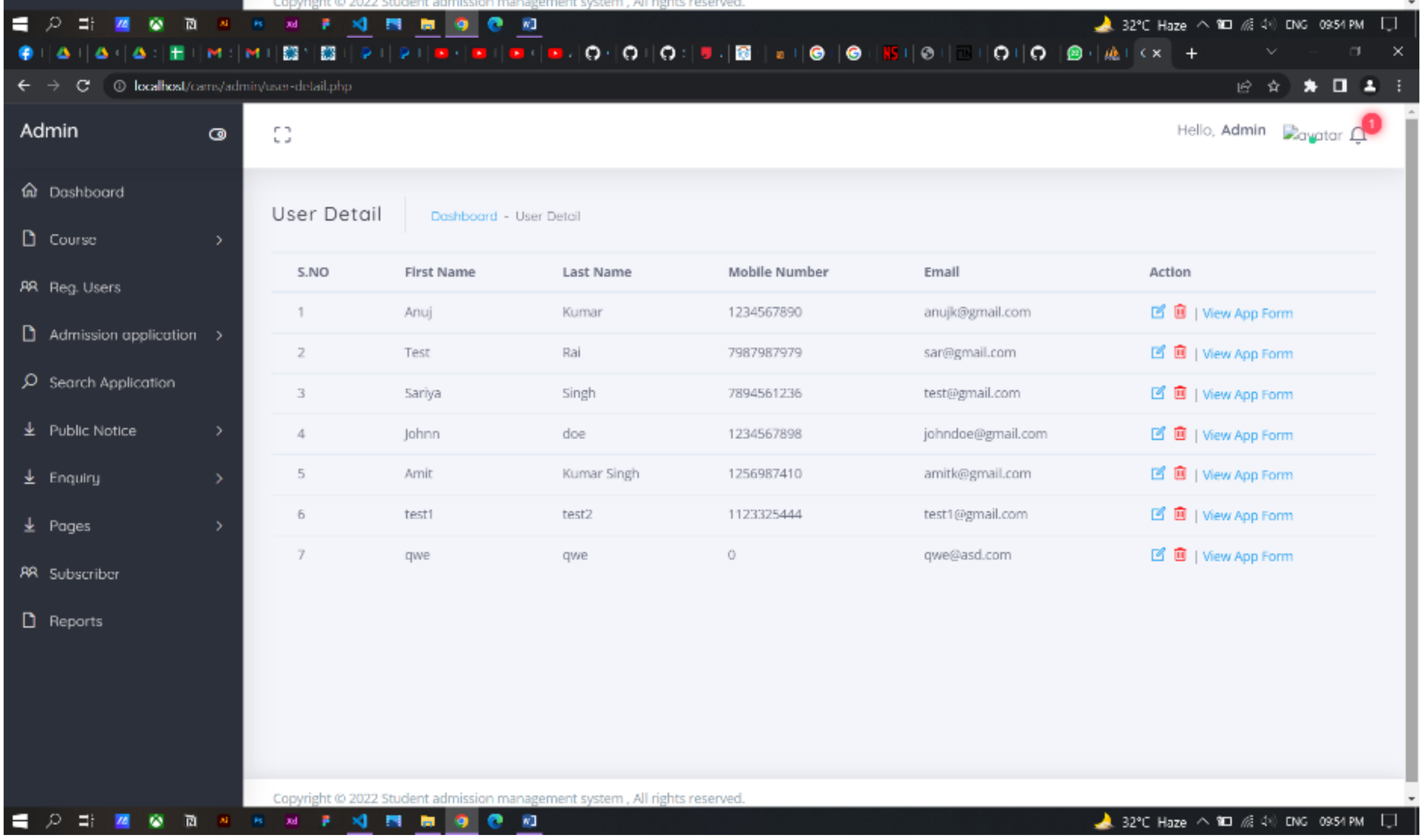

localhost/cams/
Classes going to start
2022-03-02 17:46:00
uiou gyufgiuyrfuitrseytguird gjvksdpjfgiepjuteyuhtg
Contact Us
Tamil nadu
+123456789
info@gmail.com
Quicks Links
Home
About
Contact
Courses
Admin
Users
Newsletter
Email
Subscribe and get our weekly newsletter
We'll never share your email address
© Student Admission Management System. All rights reserved
32°C Haze
ENG
09:53 PM
localhost/cams/about.php
+123456789
info@gmail.com
Contact Now
Student admission
Home
About
Courses
Contact
Public Notice
Admin
Users
About Us
Home / About
About Us
Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nulla mollis dapibus nunc, ut rhoncus turpis sodales quis. Integer sit amet mattis quam.
32°C Haze
ENG
09:53 PM

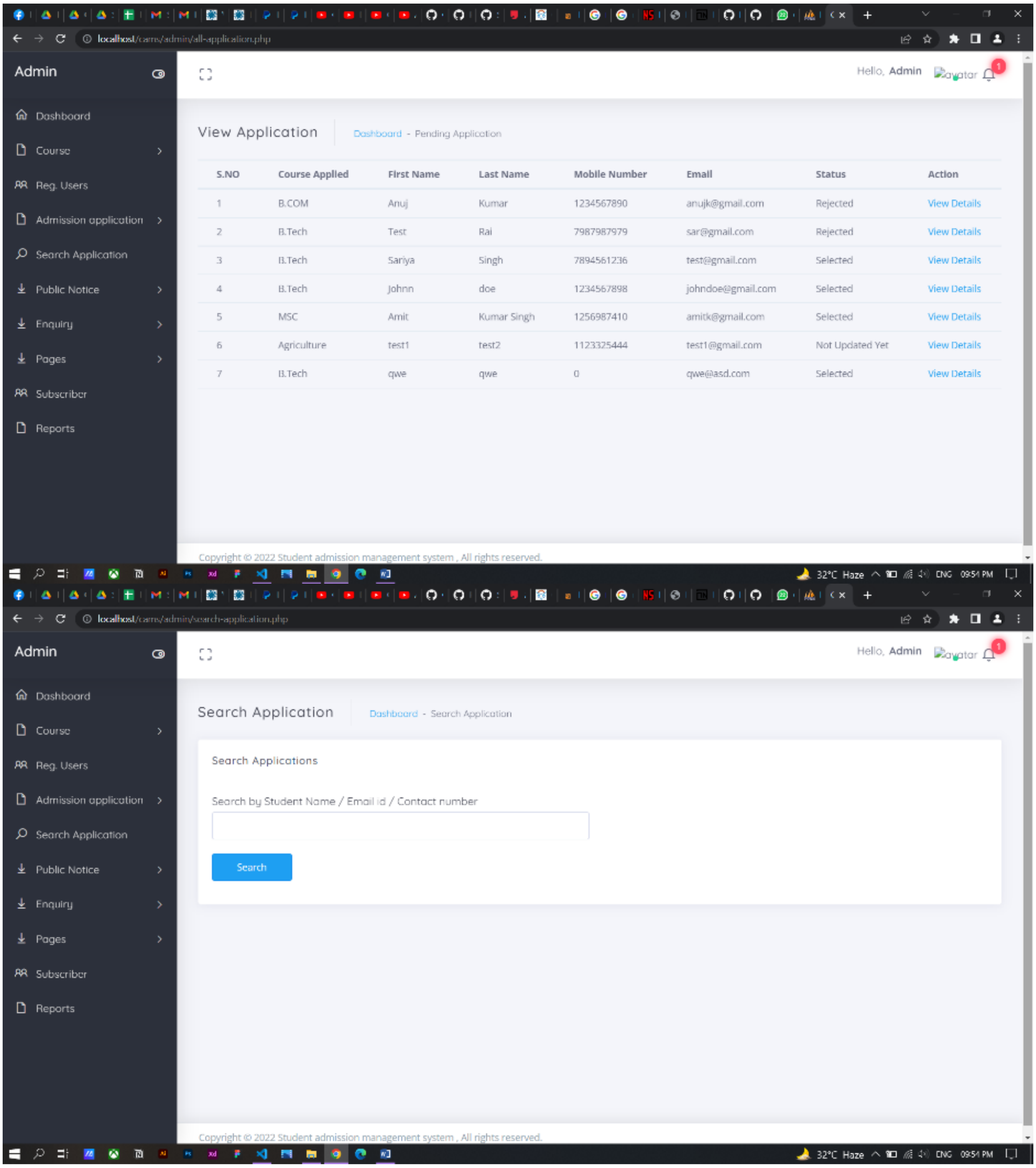

localhost/cams/courses.php
See Our Courses
B.TECH
Check here the list of all b tech Courses with top Specializations you can opt after the 12th. Explore the list to know more.
AGRICULTURE
Bachelor of Science in Agriculture. Bachelor of Science (Honors) in Agriculture. Bachelor of Science in Crop Physiology.
MCA
Master of Computer Applications (MCA) is a two year professional post-graduate programme for candidates wanting to delve deeper into the world of computer application.
MSC
A Master of Science degree (or MSc for short) is a degree awarded at universities around the world for completion of graduate-level study in a science- or technology-related field.
B.COM
Full form of BCom is Bachelor of Commerce. B.Com is most popular among aspiring teachers/lecturers and researchers. UGC-NET/JRF and Ph.D. are among popular options for MCom degree holders.
BSC
A Bachelor of Science degree (or BSc for short) is a degree awarded at universities around the world for completion of graduate-level study in a science- or technology-related field.
MCOM
BCA
32°C Haze
ENG
09:53 PM
localhost/cams/contact.php
Contact Us
Home / Contact
Address:
Tamil nadu
Email:
info@gmail.com
Phone:
123456789
Timing:
10:30 am to 7:30 pm
Name
Email
Phone Number
Message
Submit Now
32°C Haze
ENG
09:53 PM

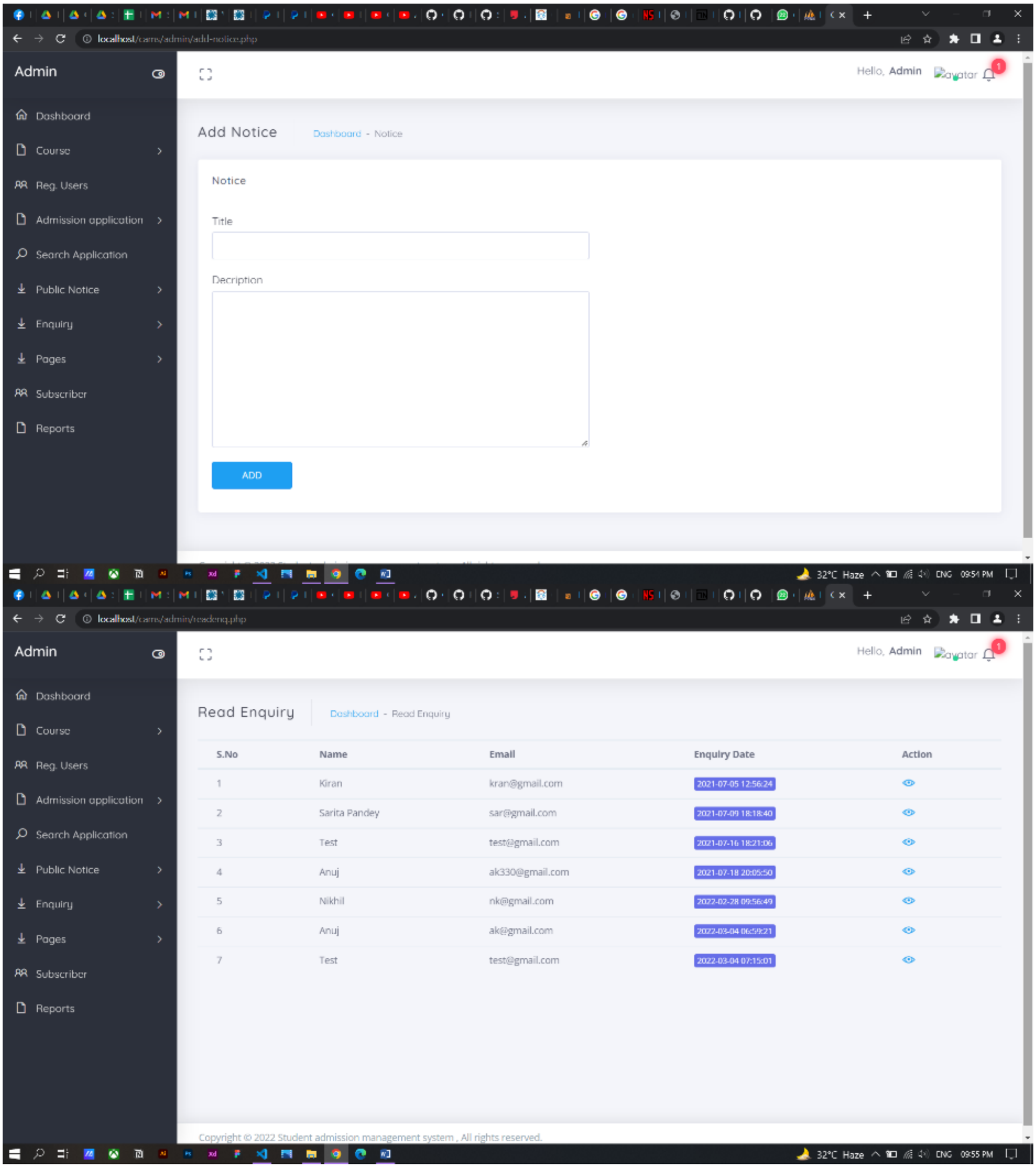

localhost/cams/notice-details.php
All Notices
Classes going to start
2022-03-02 17:46:00
uiou gyufgiuyrfuitrseytguird gjvksdgjfgiegiuteyuhtg
Test Notice
2021-05-19 01:19:42
This for testing purpose. This for testing purpose.This for testing purpose. This for testing purpose.
localhost/cams/admin/login.php
Student Admission Management System | Admin login
Admin Login
Login
Username
Password
Login
Forgot password?
Back Home
Copyright © 2022 Student Admission Management System , All rights reserved.

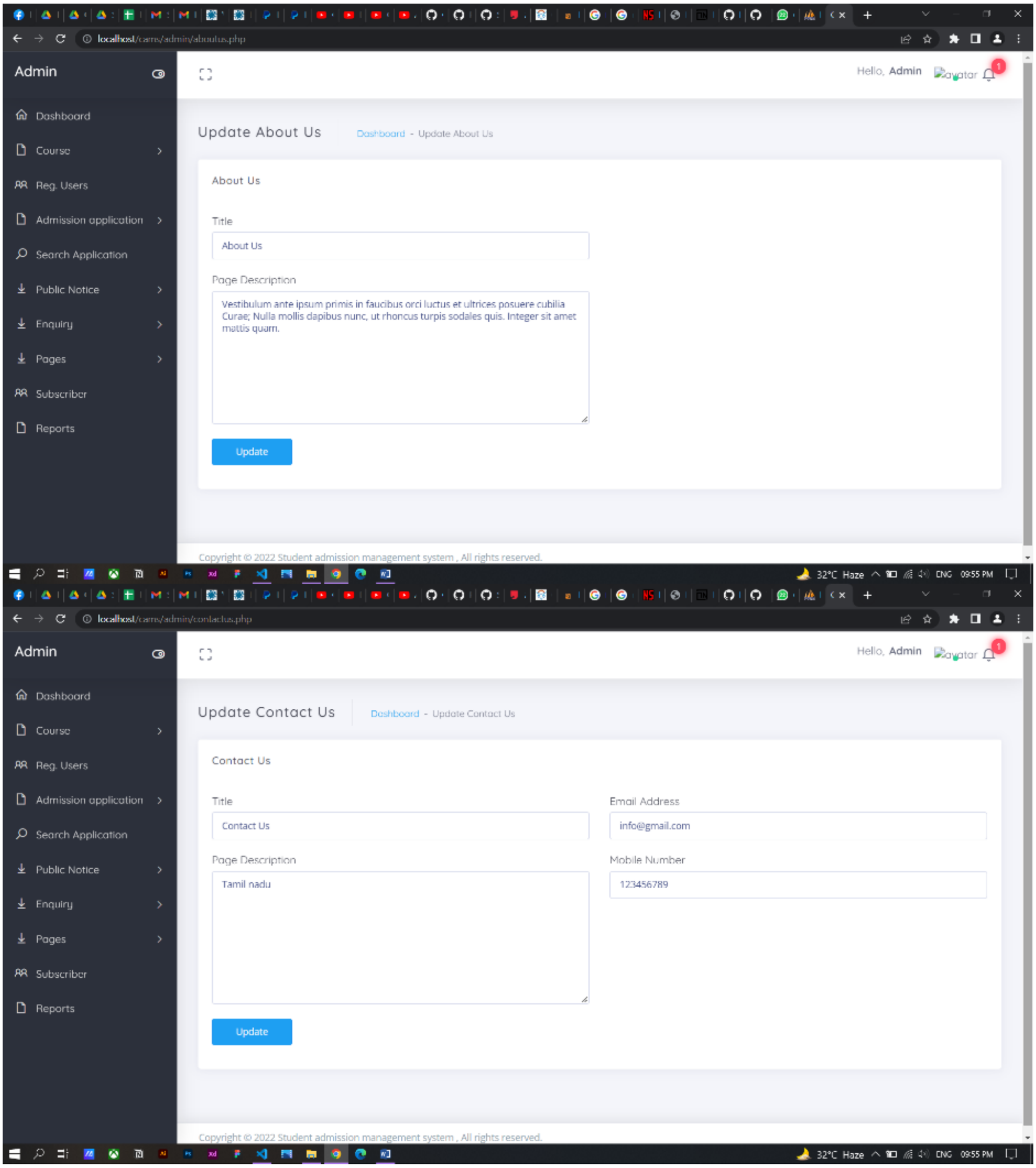

localhost/cams/user/login.php
Student Admission Management System | User login
User Login
Login
Registered Email or Contact Number
Password
Login
Register
Forgot password?
Back Home
Copyright © 2022 Student Admission Management System , All rights reserved.
localhost/cams/admin/dashboard.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
8
Listed Courses
7
Register Users
7
Total Applications
1
Pending Applications
4
Selected Application
2
Rejected Application
Copyright © 2022 Student admission management system , All rights reserved.

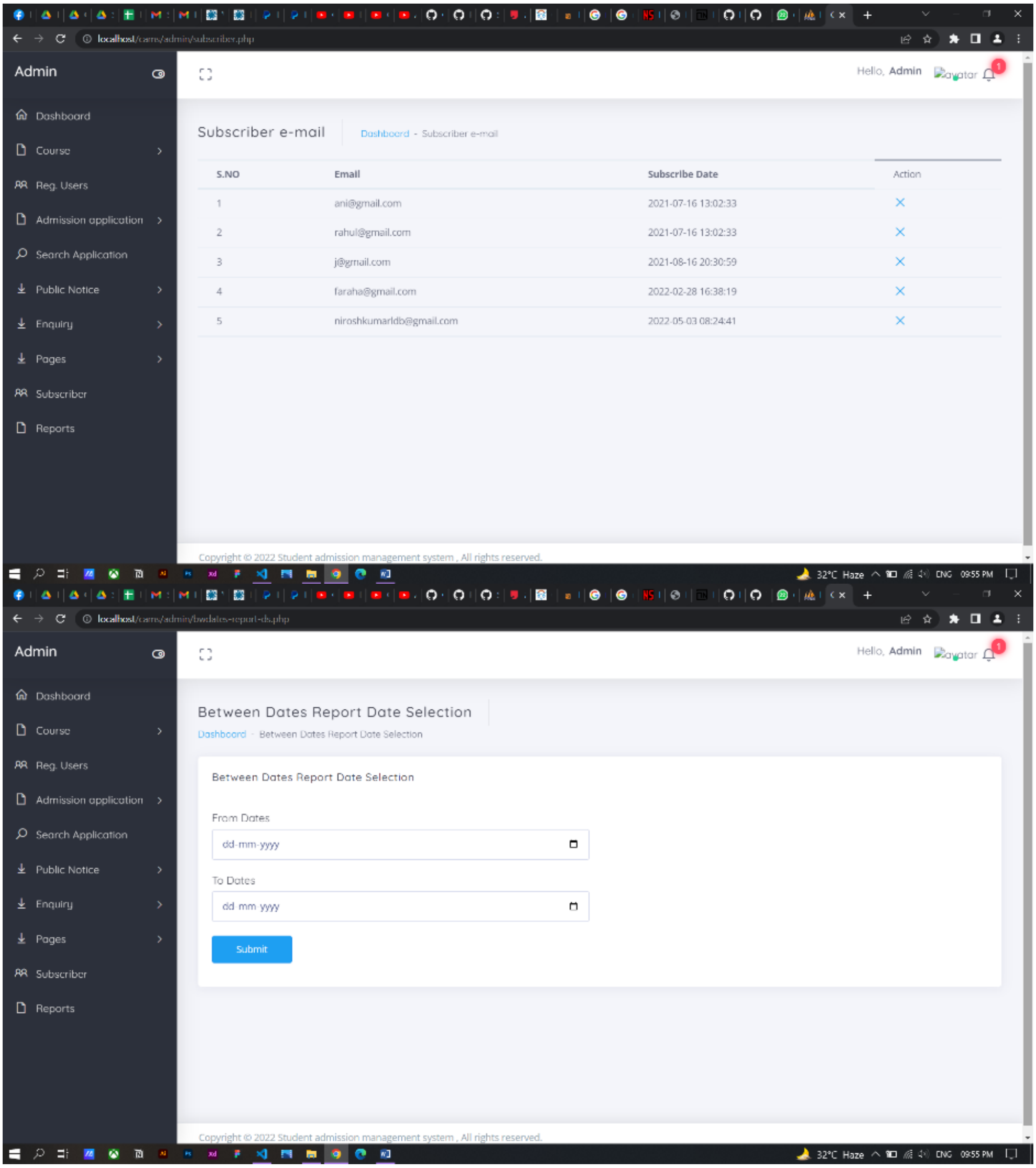

localhost/cams/admin/add-course.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
Add Course
Dashboard - Course
Course in College
Course Name
ADD
Copyright © 2022 Student admission management system , All rights reserved.


localhost/cams/admin/user-detail.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
User Detail
Dashboard - User Detail
S.NO
First Name
Last Name
Mobile Number
Email
Action
1 Anuj Kumar 1234567890 anujk@gmail.com | View App Form
2 Test Rai 7987987979 sar@gmail.com | View App Form
3 Sariya Singh 7894561236 test@gmail.com | View App Form
4 Johnn doe 1234567898 johndoe@gmail.com | View App Form
5 Amit Kumar Singh 1256987410 amitk@gmail.com | View App Form
6 test1 test2 1123325444 test1@gmail.com | View App Form
7 qwe qwe 0 qwe@asd.com | View App Form
Copyright © 2022 Student admission management system , All rights reserved.
32°C Haze
ENG
09:51 PM


localhost/cams/admin/all-application.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
View Application
Dashboard - Pending Application
S.NO Course Applied First Name Last Name Mobile Number Email Status Action
1 B.COM Anuj Kumar 1234567890 anujk@gmail.com Rejected View Details
2 B.Tech Test Rai 7987987979 sar@gmail.com Rejected View Details
3 B.Tech Sariya Singh 7894561236 test@gmail.com Selected View Details
4 B.Tech Johnn doe 1234567898 johndoe@gmail.com Selected View Details
5 MSC Amit Kumar Singh 1256987410 amitk@gmail.com Selected View Details
6 Agriculture test1 test2 1123325444 test1@gmail.com Not Updated Yet View Details
7 B.Tech qwe qwe 0 qwe@asd.com Selected View Details
Copyright © 2022 Student admission management system , All rights reserved.
32°C Haze
ENG 09:54 PM
localhost/cams/admin/search-application.php
Search Application
Dashboard - Search Application
Search Applications
Search by Student Name / Email id / Contact number
Search


localhost/cams/admin/add-notice.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
Add Notice
Dashboard - Notice
Notice
Title
Decription
ADD
localhost/cams/admin/readenq.php
Read Enquiry
Dashboard - Read Enquiry
S.No
Name
Email
Enquiry Date
Action
1 Kiran kran@gmail.com 2021-07-05 12:56:24
2 Sarita Pandey sar@gmail.com 2021-07-09 18:18:40
3 Test test@gmail.com 2021-07-16 18:21:06
4 Anuj ak330@gmail.com 2021-07-18 20:05:50
5 Nikhil nk@gmail.com 2022-02-28 09:56:49
6 Anuj ak@gmail.com 2022-03-04 06:59:21
7 Test test@gmail.com 2022-03-04 07:15:01
Copyright © 2022 Student admission management system , All rights reserved.
32°C Haze
ENG 09:55 PM


localhost/cams/admin/aboutus.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
Update About Us
Dashboard - Update About Us
About Us
Title
About Us
Page Description
Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nulla mollis dapibus nunc, ut rhoncus turpis sodales quis. Integer sit amet mattis quam.
Update
Copyright © 2022 Student admission management system , All rights reserved.
localhost/cams/admin/contactus.php
Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Hello, Admin
Update Contact Us
Dashboard - Update Contact Us
Contact Us
Title
Contact Us
Email Address
info@gmail.com
Page Description
Tamil nadu
Mobile Number
123456789
Update
Copyright © 2022 Student admission management system , All rights reserved.
32°C Haze
ENG
09:55 PM


localhost/cams/admin/subscriber.php
Admin
Hello, Admin
Dashboard
Course
Reg. Users
Admission application
Search Application
Public Notice
Enquiry
Pages
Subscriber
Reports
Subscriber e-mail
Dashboard - Subscriber e-mail
S.NO
Email
Subscribe Date
Action
1 ani@gmail.com 2021-07-16 13:02:33
2 rahul@gmail.com 2021-07-16 13:02:33
3 j@gmail.com 2021-08-16 20:30:59
4 faraha@gmail.com 2022-02-28 16:38:19
5 niroshkumarldb@gmail.com 2022-05-03 08:24:41
Copyright © 2022 Student admission management system , All rights reserved.
localhost/cams/admin/bwdates-report-ds.php
Between Dates Report Date Selection
Dashboard - Between Dates Report Date Selection
From Dates
dd-mm-yyyy
To Dates
dd-mm-yyyy
Submit
32°C Haze
ENG
09:55 PM

B. SAMPLE CODING

INDEX.PHP

```
<?php
include('includes/dbconnection.php');
session_start();
error_reporting(0);

 ?>
<!doctype html>
<html lang="en">
 <head>

  <title>Student Admission Management System||Home
Page</title>
  <!-- web fonts -->
  <link
href="//fonts.googleapis.com/css?family=Work+Sans:100,
200,300,400,500,600,700,800,900&display=swap"
rel="stylesheet">
  <!-- //web fonts -->
  <!-- Template CSS -->
  <link rel="stylesheet" href="assets/css/style-starter.css">
 </head>
 <body>
```

```
<?php include('includes/header.php');?>
<section class="w3l-main-slider" id="home">
 <!-- main-slider -->
 <div class="companies20-content">

  <div class="owl-one owl-carousel owl-theme">
    <div class="item">
     <li>
      <div class="slider-info banner-view bg bg2"
data-selector=".bg.bg2">
       <div class="banner-info">
        <div class="container">
         <div class="banner-info-bg mx-auto text-center">
          <h5>Better Education For A Better World</h5>
          <a class="btn btn-secondary btn-theme2 mt-md-5
mt-4" href="contact.php">Contact Now</a>
         </div>

       </div>
      </div>
     </div>
    </li>
  </div>
 <div class="item">
```

```
    <li>
     <div class="slider-info  banner-view banner-top1 bg bg2"
data-selector=".bg.bg2">
      <div class="banner-info">
       <div class="container">
        <div class="banner-info-bg mx-auto text-center">
         <h5>Explore The World Of Our Graduates</h5>
         <a class="btn btn-secondary btn-theme2 mt-md-5
mt-4" href="contact.php">Contact Now</a>
        </div>
       </div>
      </div>
     </li>
    </div>
    <div class="item">
     <li>
      <div class="slider-info banner-view banner-top2 bg bg2"
data-selector=".bg.bg2">
       <div class="banner-info">
        <div class="container">
         <div class="banner-info-bg mx-auto text-center">
          <h5>Exceptional People, Exceptional Care</h5>
          <a class="btn btn-secondary btn-theme2 mt-md-5
mt-4" href="contact.php">Contact Now</a>
         </div>
```

```
        </div>
       </div>
      </div>
     </li>
    </div>
    <div class="item">
     <li>
      <div class="slider-info banner-view banner-top3 bg bg2"
data-selector=".bg.bg2">
        <div class="banner-info">
         <div class="container">
          <div class="banner-info-bg mx-auto text-center">
           <h5>Explore The World Of Our Graduates</h5>
           <a class="btn btn-secondary btn-theme2 mt-md-5
mt-4" href="services.html">Read More</a>
          </div>
         </div>
        </div>
       </div>
      </li>
     </div>
    </div>
   </div>

</div>
```

```
<script src="assets/js/owl.carousel.js"></script>
<!-- script for -->
<script>
 $(document).ready(function (){
  $('.owl-one').owlCarousel({
    loop: true,
    margin: 0,
    nav: false,
    responsiveClass: true,
    autoplay: false,
    autoplayTimeout: 5000,
    autoplaySpeed: 1000,
    autoplayHoverPause: false,
    responsive: {
     0: {
      items: 1,
      nav: false
     },
     480: {
      items: 1,
      nav: false
     },
     667: {
      items: 1,
      nav: true
     },
```

```
      1000:{
       items:1,
       nav:true
      }
     }
    })
   })
</script>
 <!-- //script -->
 <!-- /main-slider -->
</section>

<!-- features-4 block -->
<section class="w3l-index1" id="about">
 <div class="calltoaction-20  py-5 editContent">
  <div class="container py-md-3">

    <div class="calltoaction-20-content row">
     <div class="column center-align-self col-lg-6 pr-lg-5">
      <h5 class="editContent">Welcome To Our Campus</h5>
          <?php

$ret=mysqli_query($con,"select * from tblpage where
PageType='aboutus' ");
$cnt=1;
while ($row=mysqli_fetch_array($ret)){
```

```
?>
      <p class="more-gap editContent"><?php  echo
$row['PageDescription'];?></p>
       <?php }?>
        <a class="btn btn-secondary btn-theme2 mt-3"
href="about.php"> Read More</a>
     </div>
     <div class="column ccont-left col-lg-6">
      <img src="assets/images/g1.jpg"
class="img-responsive" alt="">
     </div>
    </div>
   </div>
  </div>
</section>
<!-- features-4 block -->
<section class="services-12" id="course">
 <div class="form-12-content">
  <div class="container">
   <div class="grid grid-column-2 ">

    <div class="column1 ">
     <div class="heading">
      <h3 class="head text-white">Apply for
Addmission</h3>
```

```
        <h4>Limited Seat Available</h4>
        <p class="my-3 text-white"> Vestibulum ante ipsum
primis in faucibus orci luctus et ultrices posuere cubilia Curae;
         Nulla mollis dapibus nunc, ut rhoncus
         turpis sodales quis. Integer sit amet mattis quam.</p>
        </div>
      </div>
      <div class="column2">
        <a class="btn btn-secondary btn-theme2 mt-3"
href="user/login.php"> Apply Here</a>
      </div>
    </div>
  </div>
 </div>
</section>

<section class="w3l-price-2" id="news">
  <div class="price-main py-5">
    <div class="container py-md-3">
      <div class="pricing-style-w3ls row py-md-5">
       <div class="pricing-chart col-lg-12">
        <h3 class="">Latest Notices</h3><?php
$query=mysqli_query($con,"select * from tblnotice ORDER
BY ID DESC LIMIT 1");
while ($row=mysqli_fetch_array($query)) {
?>
```

```
            <div class="tatest-top mt-md-5 mt-4">
                <div class="price-box btn-layout bt6">
                  <div class="grid grid-column-2">
                      <div class="column-6">
                          <img src="assets/images/g101.jpg" alt=""
class="img-fluid">
                      </div>
                    <div class="column1">

                      <div class="job-info">

                        <h6 class="pricehead"><?php echo
$row['Title'];?></h6>
                        <h5><?php echo
$row['CreationDate'];?></h5>
                        <p><?php echo $row['Decription'];?></p>

                      </div>
                    </div>

                </div>
            </div>
        <?php}?>
        </div>
```

```
        </div>
      </div>
    </div>
</section>
<!-- grids block 5 -->
<?php include('includes/footer.php');?>
<script src="assets/js/jquery-3.3.1.min.js"></script>
<!-- //footer-28 block -->
</section>
<script>
 $(function(){
  $('.navbar-toggler').click(function(){
   $('body').toggleClass('noscroll');
  })
 });
</script>
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script
src="https://code.jquery.com/jquery-3.4.1.slim.min.js"

integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0
iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n"
crossorigin="anonymous">
</script>
```

```
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous">
</script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"

integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6"
crossorigin="anonymous">
</script>

<!-- Template JavaScript -->
<script src="assets/js/all.js"></script>
<!-- Smooth scrolling -->
<!-- <script src="assets/js/smoothscroll.js"></script> -->
<script src="assets/js/owl.carousel.js"></script>

<!-- script for -->
<script>
 $(document).ready(function (){
```

```
$('.owl-one').owlCarousel({
 loop:true,
 margin:0,
 nav:true,
 responsiveClass:true,
 autoplay:false,
 autoplayTimeout:5000,
 autoplaySpeed:1000,
 autoplayHoverPause:false,
 responsive:{
  0:{
   items:1,
   nav:false
  },
  480:{
   items:1,
   nav:false
  },
  667:{
   items:1,
   nav:true
  },
  1000:{
   items:1,
   nav:true
  }
```

```
    }
   })
  })
</script>
<!-- //script -->

</body>

</html>
<!-- // grids block 5 -->
```

Project work on

"COMMUNITY MANAGEMENT WEB APPLICATION "

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

For the Partial Fulfillment of the requirement for the award of degree in

Bachelor of Computer Science

Submitted by

1. Amirtha Priya M	**19AUCS02**
2. Ausrini Srimathi Mercy A	**19AUCS06**
3. Jefrin Hebsiba S	**19AUCS16**
4. Johncy E	**19AUCS20**

Under the Supervision and Guidance of

Ms.M.Jothimani B.E. M.Sc. M.Phil.,

BONAFIDE CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with 'A+' Grade by NAAC)

This is to certify that the project report entitled "COMMUNITY MANAGEMENT WEB APPLICATION" is the Bonafide work done by

1.	Amirtha Priya M	19AUCS02
2.	Ausrini Srimathi Mercy A	19AUCS06
3.	Jefrin Hebsiba S	19AUCS16
4.	Johncy E	19AUCS20

In the partial fulfillment of the requirements for the award of Degree in **BACHELOR OF COMPUTER SCIENCE** during the year 2021-2022.

M. Thilmal
Guide

Head of the Department

Submitted for the examination held on 23-05-2022

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

23/5/22
Examiner

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.M.Jothimani B.E. M.Sc. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil., Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

ABSTRACT

The **COMMUNITY MANAGEMENT SYSTEM** would cover all the problems faced by people. It deals with the system of monitoring the problems based on the inputs given by the head user as per requirements online, as well as the data transactions that take place in the respective fields of User and Admin. It allows user to post their problems or needs and also allows enthusiastic users to volunteer and respond to the queries and help them resolve their issues in their area at ease. Users can also post the upcoming social events in an area as an invite. This application is specifically designed to reach out to people in a particular district. It requires users to post their queries initially and then get help from the volunteer at any time. The user and volunteer can use it whenever necessary. All the activities of the users and volunteers are monitored by an admin overseas.

CONTENTS

S. No.	TITLE	PAGE No.
1	**INTRODUCTION** 1.1 Project Overview 1.2 Objective	 0 0
2	**SYSTEM ANALYSIS** 2.1 Existing System 2.2 Proposed System	 0 0
3	**SYSTEM REQUIREMENTS** 3.1 Hardware Requirements 3.2 Software Requirements	 0 0
4	**SYSTEM OVERVIEW** 4.1 Module Description 4.2 Software Description	 0 0
5	**SYSTEM DESIGN** 5.1 Dataflow Diagram 5.2 Database Design 5.3 Input Design 5.4 Output Design	 0 0 0 0
6	**SYSTEM TESTING AND IMPLEMENTATION** 6.1 System Testing 6.2 System Implementation 6.3 System Maintenance	 0 0 0
7	**CONCLUSION**	0
8	**FUTURE ENHANCEMENT**	0
9	**BIBLIOGRAPHIC**	0

S. No.	TITLE	PAGE No.
1	**INTRODUCTION** 1.1 Project Overview 1.2 Objective	 **0** **0**
2	**SYSTEM ANALYSIS** 2.1 Existing System 2.2 Proposed System	 **0** **0**
3	**SYSTEM REQUIREMENTS** 3.1 Hardware Requirements 3.2 Software Requirements	 **0** **0**
4	**SYSTEM OVERVIEW** 4.1 Module Description 4.2 Software Description	 **0** **0**
10	**APPENDIX** A. Screenshots B. Sample Code	 **0** **0**

INTRODUCTION

1. INTRODUCTION

Nowadays social media marketers and social community management devote most of their work to social media. The two roles may be seen as the same thing but it is not, they are individually unique in their way with distinct and significant perception. Social media marketing is solely responsible for representing the brand on social media. The marketer will itself post, share content, respond to comments & answer questions as a brand itself. Dissimilarly, social community management is all about building relationships, not making sales. It is focused on the well-being of the

community first and foremost. Although there are numerous benefits of an online community, there are some reasons to build a community: the below listed are the important ones that a community helps you achieve

- To get reviews and collect ideas
- Increase awareness of the crises
- Build a platform to facilitate valuable networks
- Offer value of a vibrant community
- Offer instant help to the needs

1.1 PROJECT OVERVIEW

COMMUNITY MANAGEMENT SYSTEM is an App where users can log in as a user and also a volunteer. The user makes this as a platform to post their issues or desires and also to support instantly. Further, the volunteers in specific areas will respond to the issue of the user and help them resolve it in their area. All the activities of the users and volunteers will be monitored by an admin overseas. One aspect of community management that requires strategic planning ahead of time is crisis management. A team

needs to have a plan and tools in place to let them spot such crises quickly & handle them promptly.

1.2 OBJECTIVE

The main objective of the **COMMUNITY MANAGEMENT** app is to help the user and the volunteer solve the issue faced by them with the help of software and software requirements.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Although there are many different types of Community management systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many Community management applications have easy-to-use user interfaces and very poor user

experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time-consuming.
- Specific devices required.

2.2 PROPOSED SYSTEM

This project will provide an end-to-end solution for easy to use Community management system application. The **Community management SYSTEM** enables the Head user to keep track of the overall details and results in details of their users based on their requirements that are chosen themselves and enables them to generate reports from the given data at ease. Using the data from the users, database values are generated, which are later converted into a report automatically by the user. This application has a specialty where it can be viewed on any device and also offers a secure environment to the users with an easy-to-use User Interface and can generate visually appealing user reports.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/ UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response
- Interactive dashboard
- Providers dashboard enabled
- Enhancements using APIs

SYSTEM REQUIREMENTS

3. SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 4GB & above

HDD/SSD : 100GB & above

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM: Windows 7 & above

IDE: Visual Code Studio

FRONT END: REACT, Tailwindcss,

BACK END: PHP, JavaScript, Node.js

DATABASE: MySQL

SERVER-SIDE: WAMP

SYSTEM OVERVIEW

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

1. MAIN DETAILS USERS

Main Page consists of issues and needs and event details for users and volunteers.

2. ADMIN DASHBOARD

The dashboard is useful for user interaction, especially for data Checking completed data of users issues by volunteers and also managing users' data.

3. PROFILE

Contains the basic profile details which can be later edited. Where the user and volunteer can see their posted data and volunteers can see their completed data in the community forms.

4. HOME DETAILS VOLUNTEER

The Main page of volunteers is where the volunteer can look into the different types of issues and needs and events and take action according to them.

4.2 SOFTWARE DESCRIPTION

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS, and Linux. It comes with built-in support for JavaScript, TypeScript, and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux, and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

RUNTIME :

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP, and a MySQL database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML:

The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or local storage and render the documents into multimedia web pages. HTML

describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes, and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags but use them to interpret the page's content.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. The inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), a former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, and enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enables the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/CSS is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use their client-side for web page behavior, often incorporating third-party libraries. All major web

browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon, or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK:

A web browser (commonly referred to as a browser) is a software application for accessing the information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

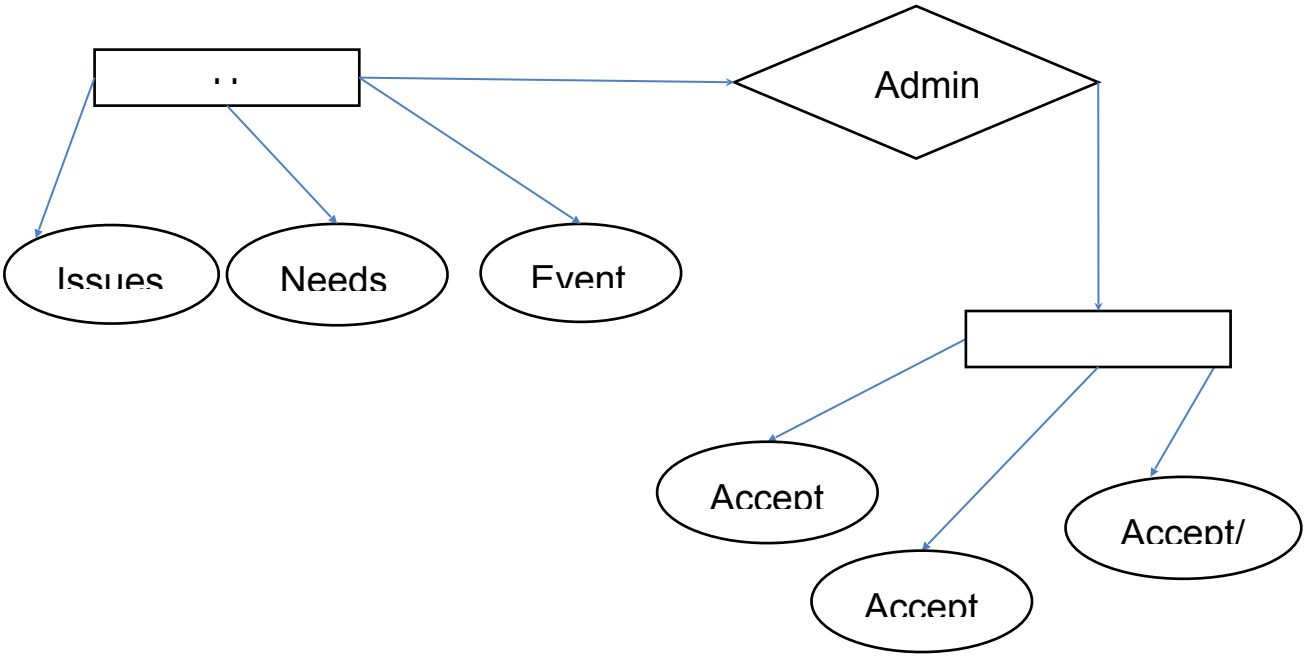
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

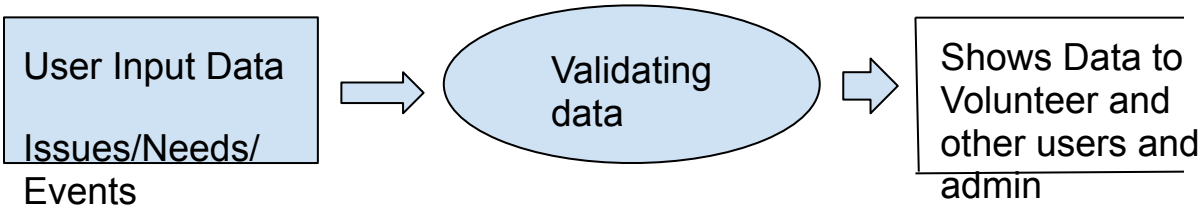
Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%. Other notable browsers include Firefox and Microsoft Edge.

SYSTEM DESIGN

5. SYSTEM DESIGN

5.1 DATAFLOW DIAGRAM:





5.2 DATABASE DESIGN:

Table name: volunterarea

Field Name	Type	Description
id	INT	

userID	INT	
wardno	INT	
area	VARCHAR	

Table name:users

Field Name	Type	Description
Id	INT	
username	VARCHAR	
password	VARCHAR	
mobno	VARCHAR	
email	VARCHAR	
pincode	VARCHAR	
address	VARCHAR	
state	VARCHAR	
city	VARCHAR	
userType	VARCHAR	
areaAndWard	VARCHAR	

Table name:communityneeds & communityevents

Field Name	Type	Description
id	INT	
issuesName	VARCHAR	
issuesDescription	VARCHAR	
noOfDays	VARCHAR	
issueFromDate	DATE	
issueToDate	DATE	
issueTime	VARCHAR	
status	VARCHAR	
website	VARCHAR	

consent	VARCHAR	
ward	VARCHAR	
location	VARCHAR	
pincode	INT	
createdat	DATETIME	
doneBy	INT	
createdBy	INT	

Table name:communityissues

Field Name	Type	Description
id	**INT**	
issuesName	**VARCHAR**	
issuesDescription	**VARCHAR**	
status	**VARCHAR**	
consent	**VARCHAR**	
ward	**VARCHAR**	
location	**VARCHAR**	
pincode	**INT**	
createdat	**DATETIME**	
doneBy	**INT**	
createdBy	**INT**	

5.3 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of

the operation of a computerized system and is often the major problem of a system.

In the project, the input design is made in various web forms with various methods. The user data is provided in the form by the user.

5.4 OUTPUT DESIGN:

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

In the project, the user section details are the web forms in tables where the output is available.

SYSTEM TESTING AND IMPLEMENTATION

6. SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and development,
2. Works as expected,
3. Can be implemented with the same characteristics,
4. Satisfies the needs of stakeholders.

6.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system that uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated's design properties and/or requirements. The element is constructed employing appropriate technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test was performed by end-users using real data over an extended period. There are several forms of verification that people use to validate their works. Lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test
- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into subsystems, which are then tested. The goal of integration testing is to check whether the modules can be integrated properly emphasizing the interface between modules. The different modules were linked together and integration testing is done on them.

6.3 SYSTEM MAINTENANCE

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments, and correcting problems Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system.

CONCLUSION

7. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in the Community management system, but also much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfies the end-users. The application is tested very well and errors are properly debugged.

This system is user-friendly so everyone can use it easily, Proper documentation is provided. The end-user can easily understand how the whole system is implemented by going through the documentation. The system is tested and implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application so that the application functions very attractive and useful manner than the present one. The speed of the transactions become enough now.

FUTURE ENHANCEMENT

8. FUTURE ENHANCEMENT

There is scope for the future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done efficiently. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at any time with more advanced features.

In the future, this module will work as a beneficial and time-saving application and will include user databases individually.

BIBLIOGRAPHY

9. BIBLIOGRAPHY

Web Reference :

1. https://medium.com

2. https://www.reddit.com/

3. https://discord.com/

4.https://code.visualstudio.com/

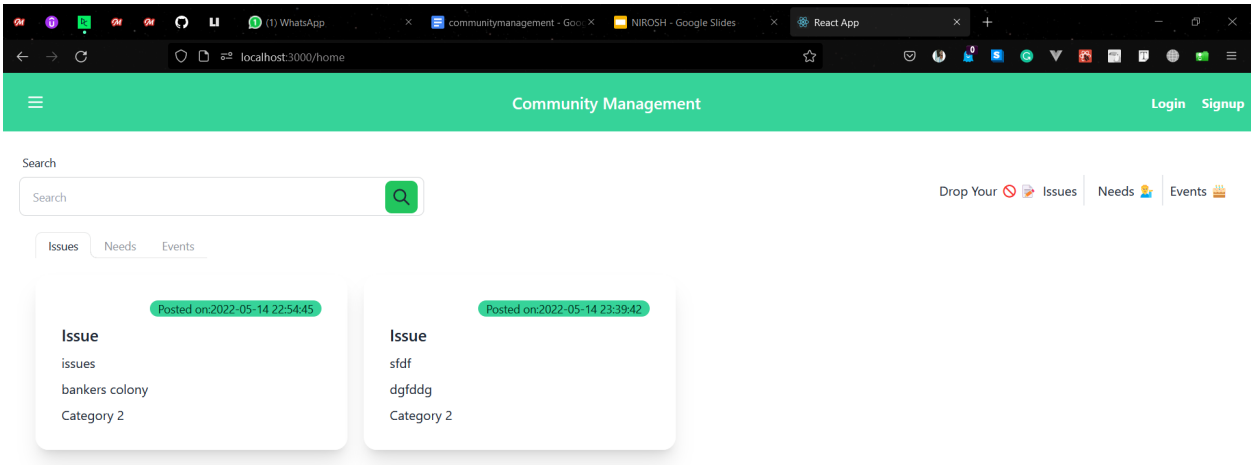
5.http://forum.wampserver.com/

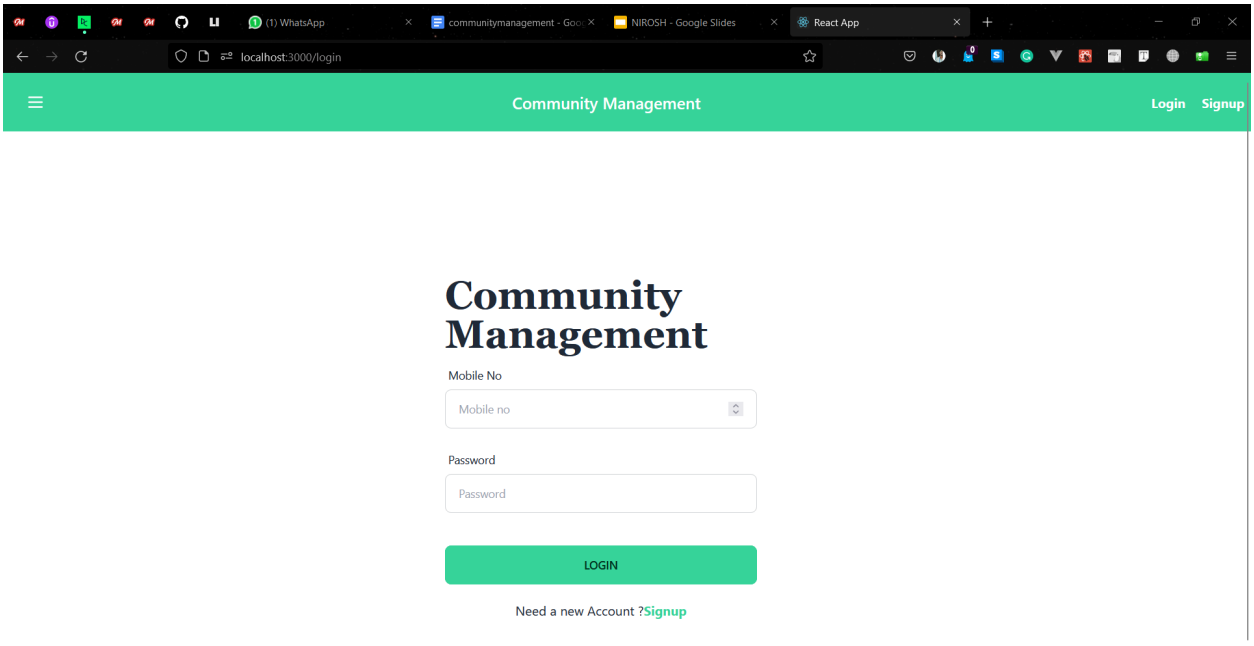
6.https://www.w3schools.com

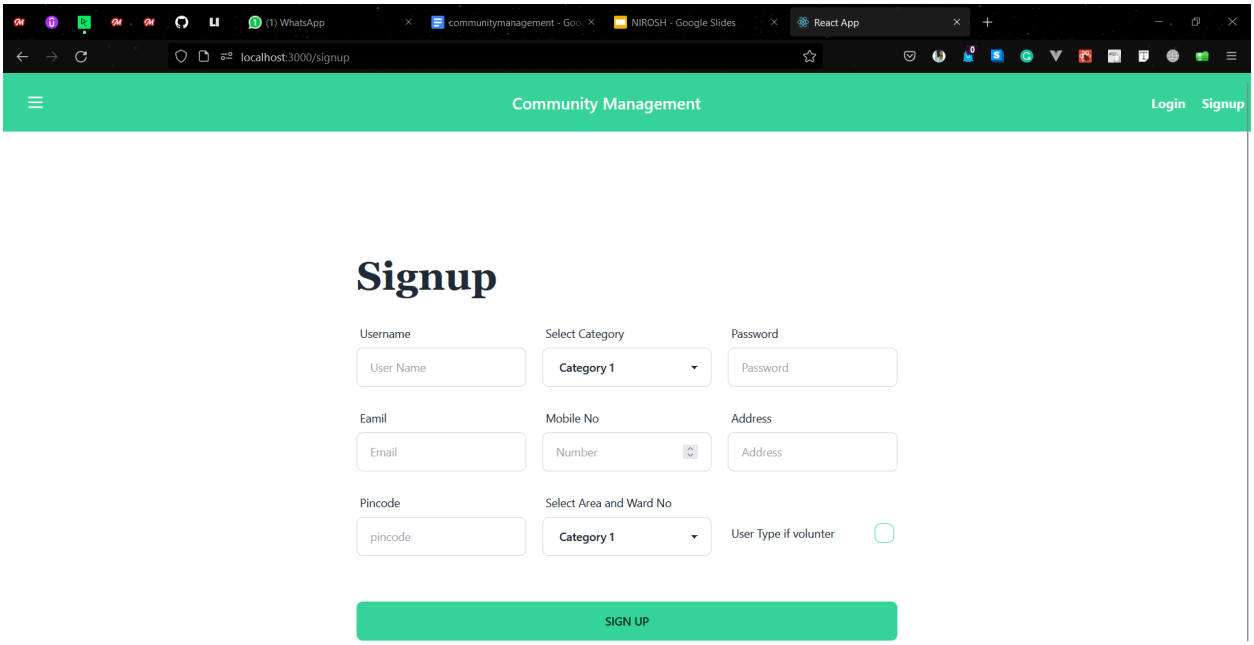
APPENDIX

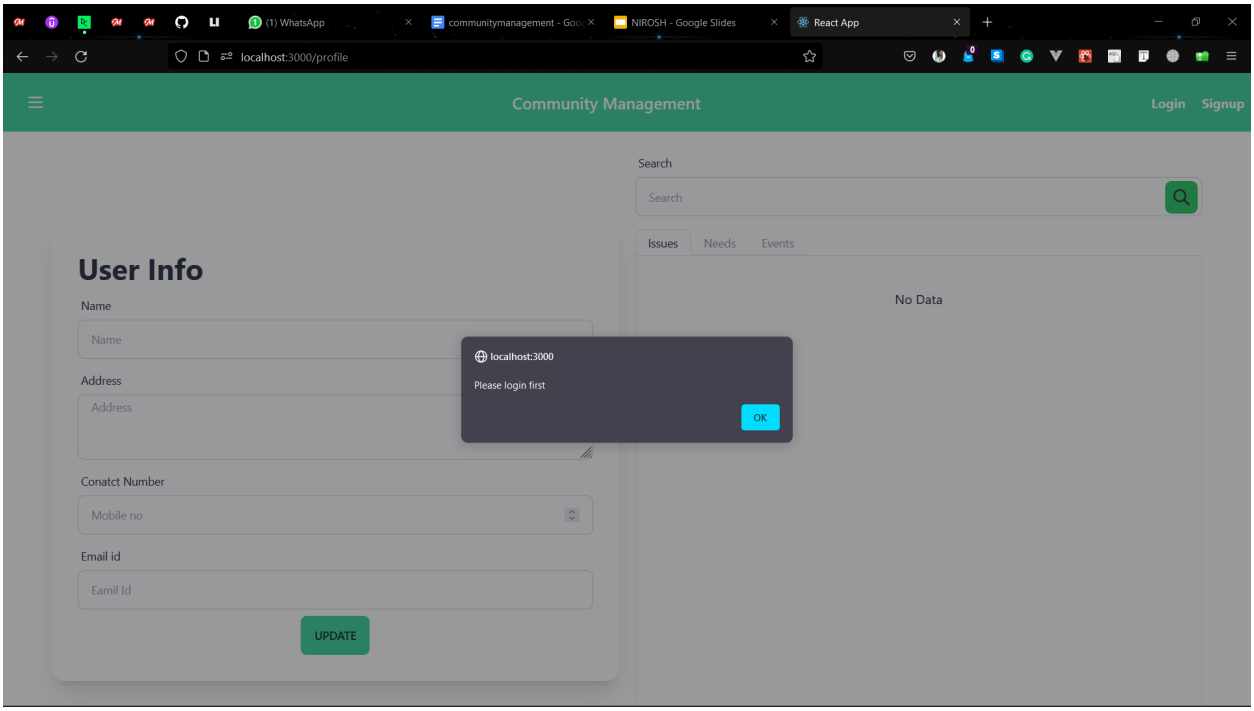
10. APPENDIX

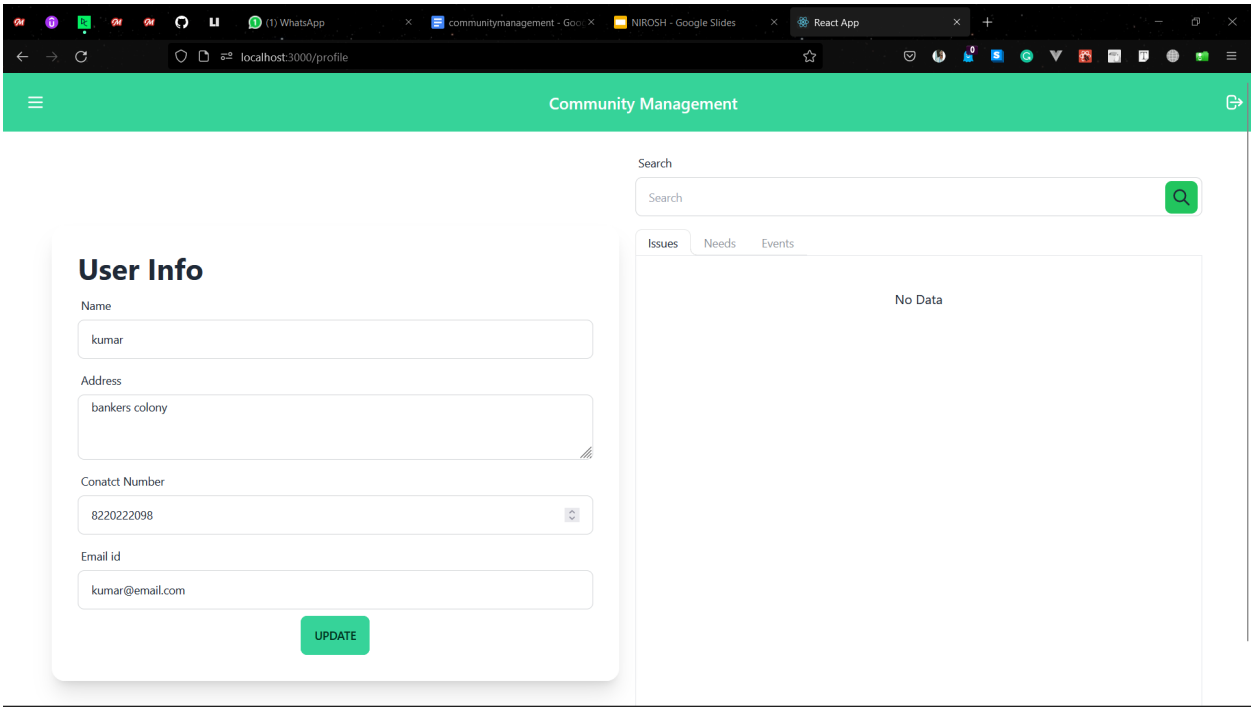
A. SCREENSHOTS

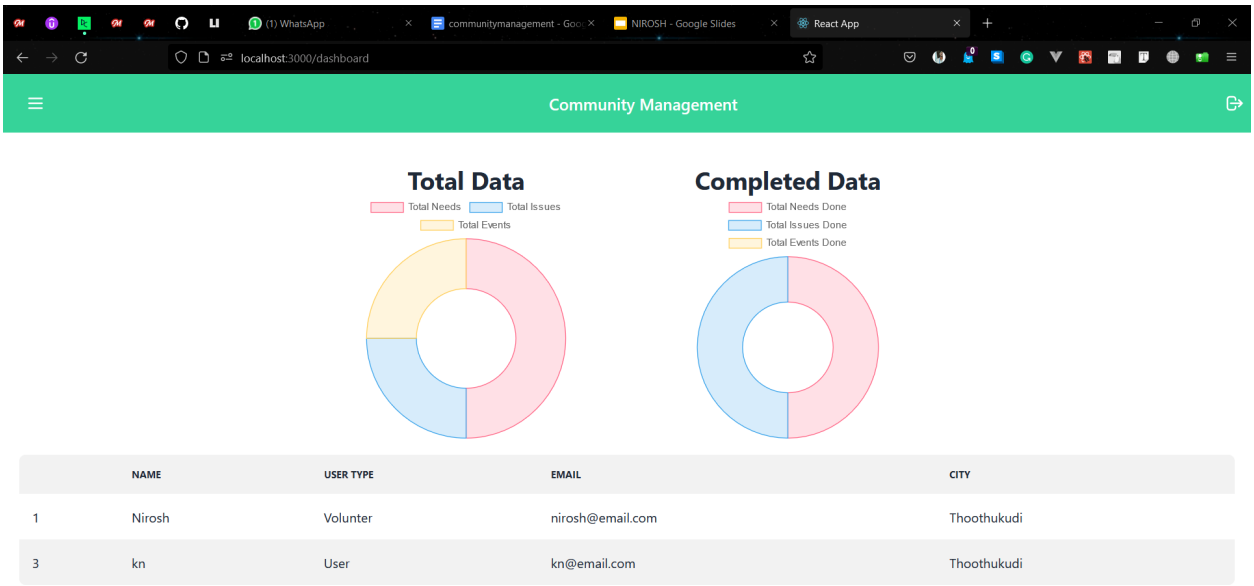




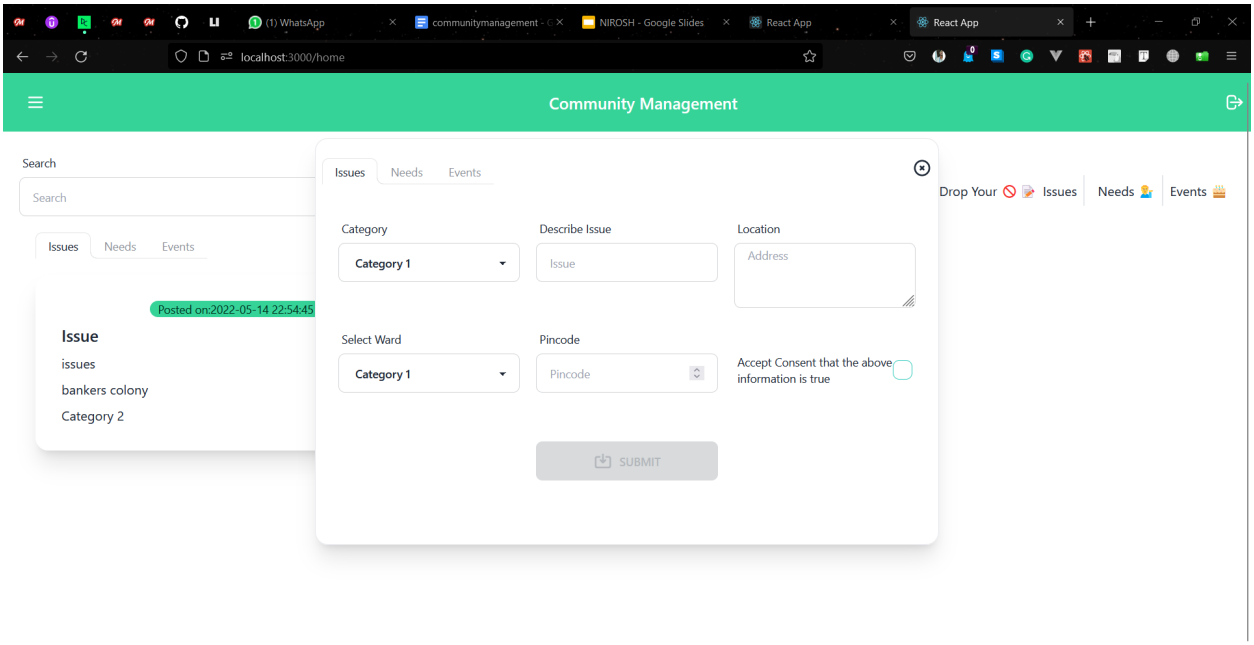

(1) WhatsApp
communitymanagement - Goo
NIROSH - Google Slides
React App
localhost:3000/signup
Community Management
Login
Signup
Signup
Username
User Name
Select Category
Category 1
Password
Password
Eamil
Email
Mobile No
Number
Address
Address
Pincode
pincode
Select Area and Ward No
Category 1
User Type if volunter
SIGN UP

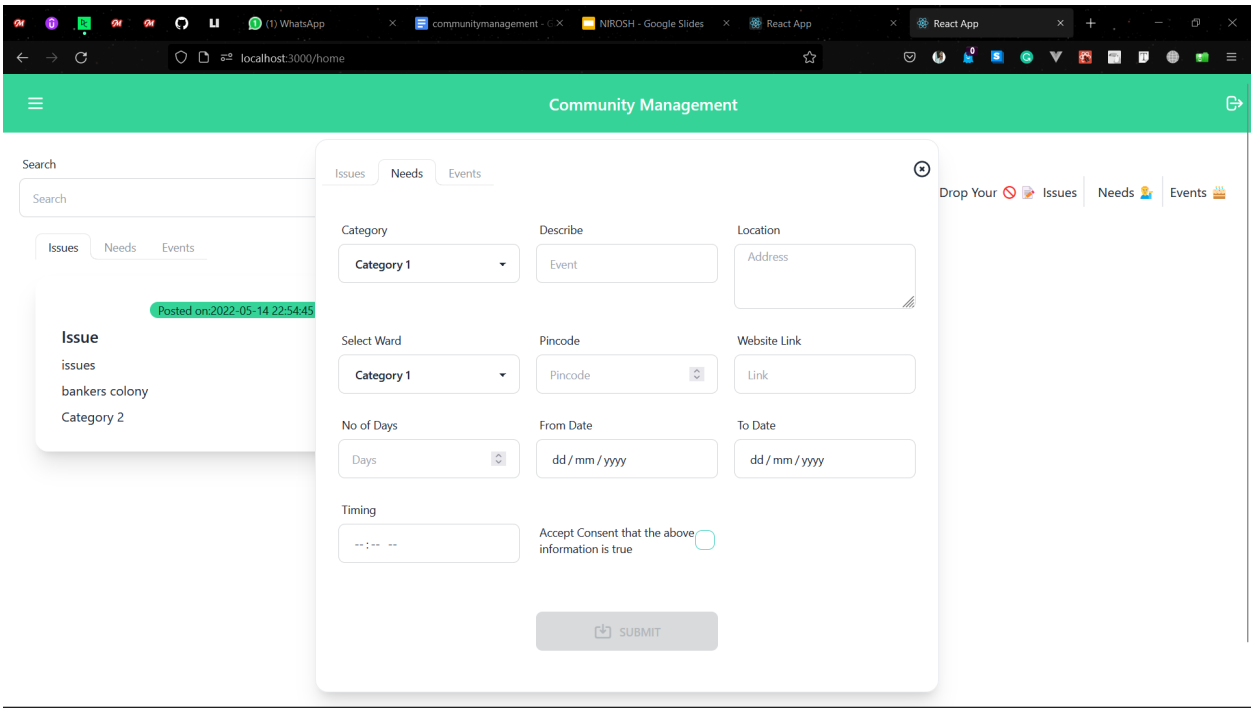

(1) WhatsApp
communitymanagement - Goo
NIROSH - Google Slides
React App
localhost:3000/profile
Community Management
Login
Signup
User Info
Name
Name
Address
Address
Conatct Number
Mobile no
Email id
Eamil Id
UPDATE
Search
Search
Issues
Needs
Events
No Data
localhost:3000
Please login first
OK

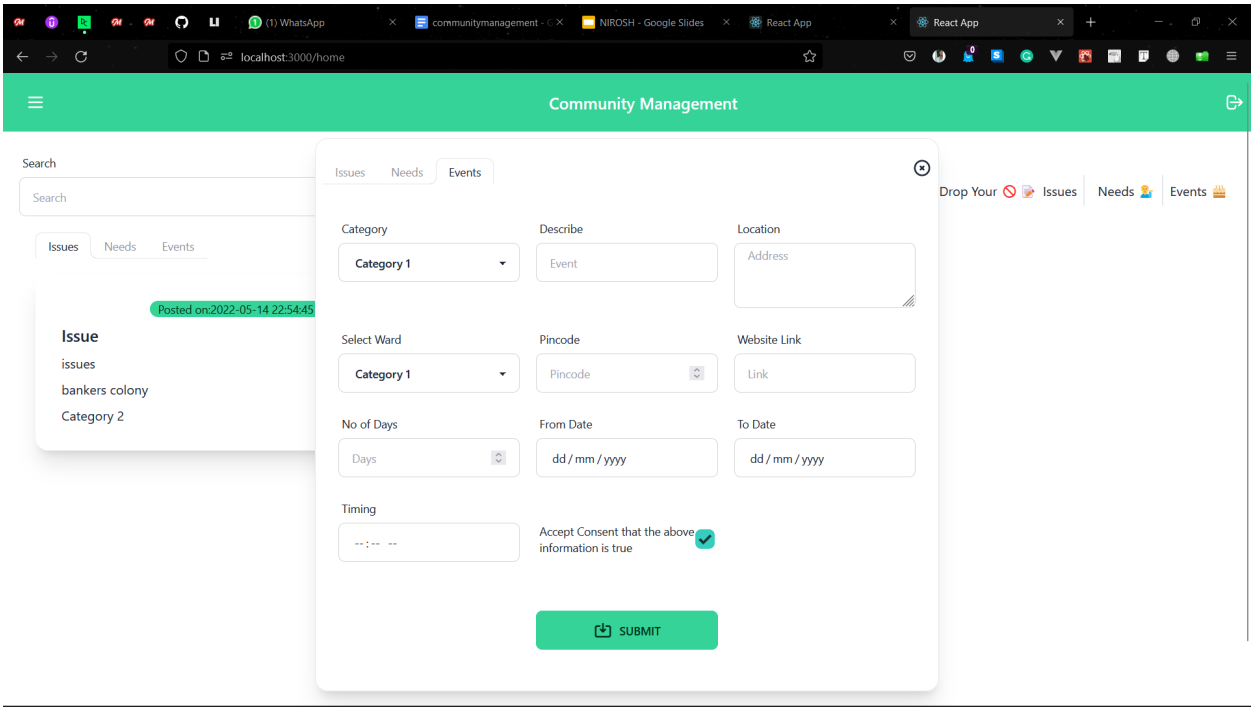


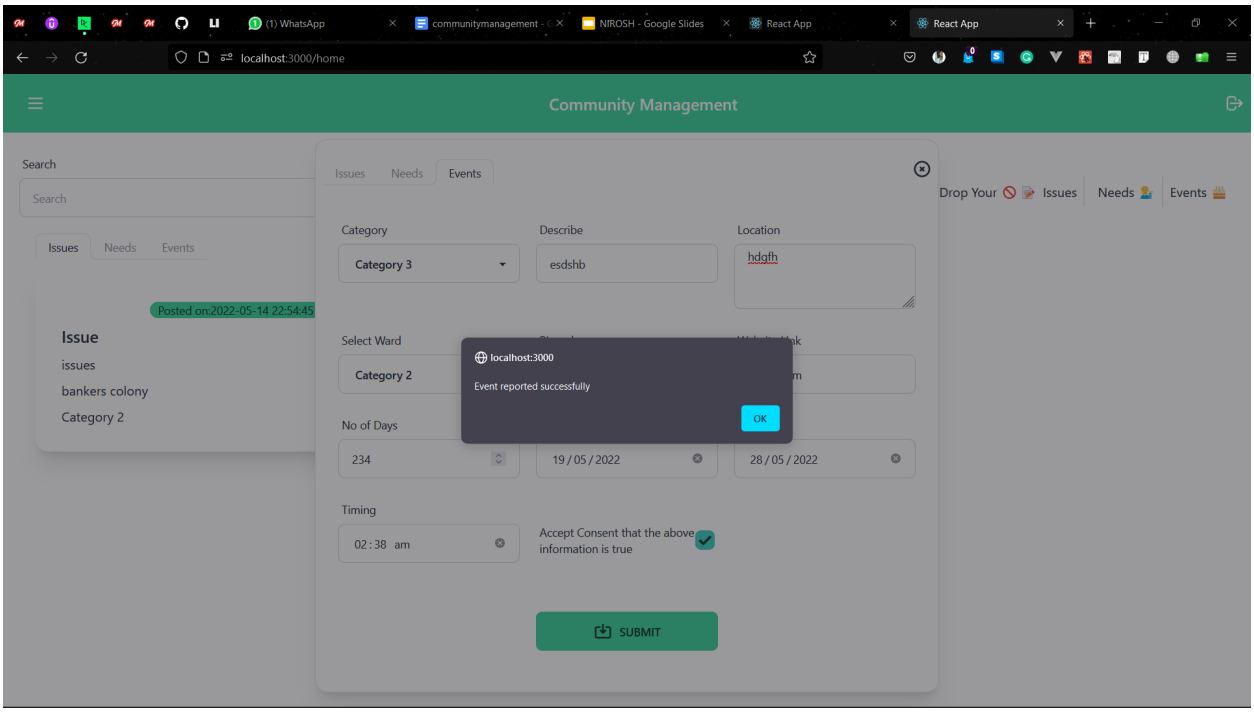


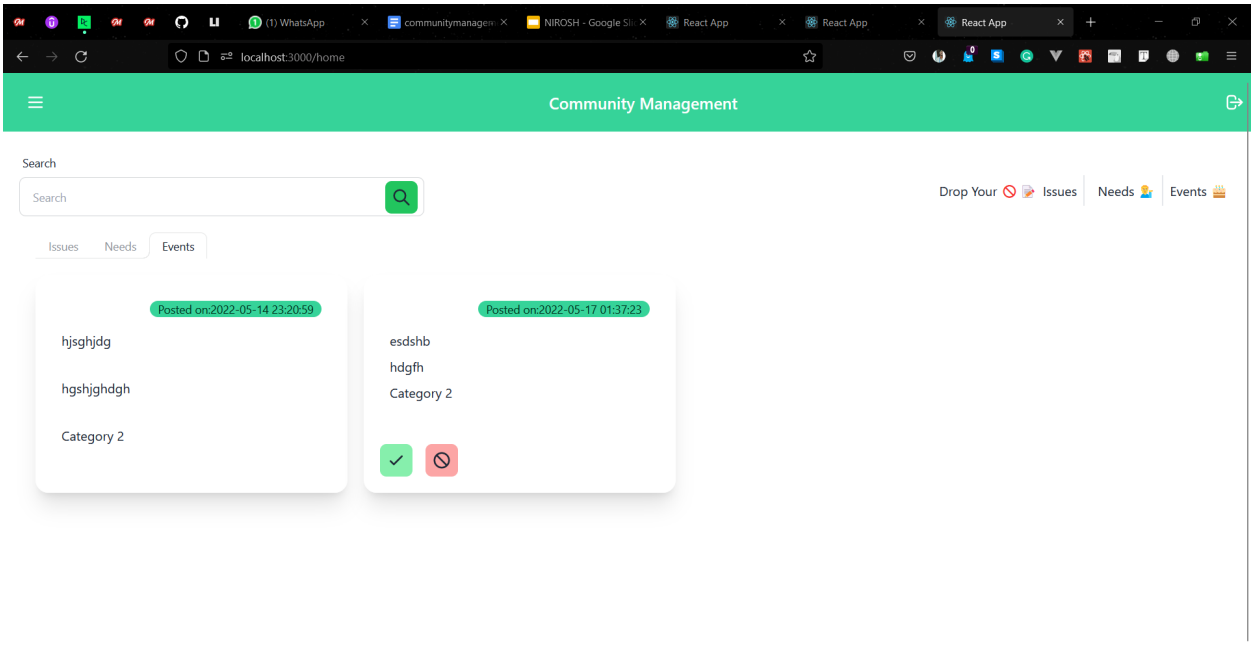
	NAME	USER TYPE	EMAIL	CITY
1	Nirosh	Volunter	nirosh@email.com	Thoothukudi
3	kn	User	kn@email.com	Thoothukudi


localhost:3000/home
Community Management
Search
Search
Issues
Needs
Events
Posted on:2022-05-14 22:54:45
Issue
issues
bankers colony
Category 2
Issues
Needs
Events
Category
Category 1
Describe Issue
Issue
Location
Address
Select Ward
Category 1
Pincode
Pincode
Accept Consent that the above information is true
SUBMIT
Drop Your
Issues
Needs
Events


localhost:3000/home
Community Management
Search
Search
Issues
Needs
Events
Posted on:2022-05-14 22:54:45
Issue
issues
bankers colony
Category 2
Issues
Needs
Events
Category
Category 1
Describe
Event
Location
Address
Select Ward
Category 1
Pincode
Pincode
Website Link
Link
No of Days
Days
From Date
dd / mm / yyyy
To Date
dd / mm / yyyy
Timing
--:-- --
Accept Consent that the above information is true
SUBMIT
Drop Your
Issues
Needs
Events


(1) WhatsApp
communitymanagement - G
NIROSH - Google Slides
React App
React App
localhost:3000/home
Community Management
Search
Search
Issues
Needs
Events
Posted on:2022-05-14 22:54:45
Issue
issues
bankers colony
Category 2
Issues
Needs
Events
Category
Category 1
Describe
Event
Location
Address
Select Ward
Category 1
Pincode
Pincode
Website Link
Link
No of Days
Days
From Date
dd / mm / yyyy
To Date
dd / mm / yyyy
Timing
--:-- --
Accept Consent that the above information is true
SUBMIT
Drop Your
Issues
Needs
Events


(1) WhatsApp
communitymanagement - G
NIROSH - Google Slides
React App
React App
localhost:3000/home
Community Management
Search
Search
Issues
Needs
Events
Posted on:2022-05-14 22:54:45
Issue
issues
bankers colony
Category 2
Issues
Needs
Events
Category
Category 3
Describe
esdshb
Location
hdafh
Select Ward
Category 2
localhost:3000
Event reported successfully
OK
No of Days
234
19 / 05 / 2022
28 / 05 / 2022
Timing
02:38 am
Accept Consent that the above information is true
SUBMIT
Drop Your
Issues
Needs
Events



B. SAMPLE CODING

Project work on

INTERNSHIP MANAGEMENT SYSTEM

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

For the Partial Fulfillment of the requirement for the award of degree in

Bachelor of Computer Science

Submitted by

1. Granaph R 19AUCS11
2. Manju Priya S 19AUCS28
3. Maria Santha Celsia R 19AUCS30
4. Ponselvi P 19AUCS34
5. Salini V 19AUCS40

Under the Supervision and Guidance of

Mrs.S.Gnanathangam M.C.A.,M.Phil.,

BONAFIDE CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

ST. MARY'S COLLEGE(AUTONOMOUS)

THOOTHUKUDI

This is to certify that the project report entitled " INTERNSHIP MANAGEMENT SYSTEM " is the bonafide work done by

In the partial fulfillment of the requirements for the award of degree in BACHELOR OF COMPUTER SCIENCE during the year 2021-2022.

R.GRANAPH	19AUCS11
S.MANJU PRIYA	19AUCS28
R.MARIA SANTHA CELSIA	19AUCS30
P.PON SELVI	19AUCS34
V.SALINI	19AUCS40

S. Granaph
Guide

S. Granaph
Head of the Department

Submitted for the examination held on 23-5-22

23/05/22
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomou
Thoothukudi - 628 001.

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.M.Jothimani B.E. M.Sc. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil., Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

CONTENT

CONTENTS

S.NO	TITLE	Page.No
1	**Synopsis**	1
2	**INTRODUCTION** 1.1 Project Overview 1.2 Objective	2
3	**SYSTEM ANALYSIS** 3.1 Existing System 3.2 Proposed System	3
4	**SYSTEM REQUIREMENTS** 4.1 Hardware Requirements 4.2 Software Requirements	5
5	**SYSTEM OVERVIEW** 5.1 Module Description 5.2 Software Description	6
6	**SYSTEM DESIGN** 6.1 Dataflow Diagram 6.2 Database Design 6.3 Input Design 6.4 Output Design	11
7	**SYSTEM TESTING AND IMPLEMENTATION** 7.1 System Testing 7.2 System Implementation 7.3 System Maintenance	14 17
8	**CONCLUSION**	18
9	**FUTURE ENHANCEMENT**	19
10	**BIBLIOGRAPHY**	20
11	**APPENDIX** A. Sample Code B. Screenshots	30

SYNOPSIS

1. SYNOPSIS

The **INTERNSHIP MANAGEMENT SYSTEM** would cover all the specifications required to keep track of the internships provided by the companies or organization or institutions. It will deal with the system of posting the details of internships by the employer and access to apply for the internships to the students or users based on the given inputs as per requirements through online, as well as the data transactions that take place in the respective fields of user and employers. It allows the user to enter their profile details and later apply for internships provided an organization or an institution or a company given by the employer or admin and also allows the employers to list out all the details of the internship offered at ease. It requires user or student and employer to include the data initially and then view it any time they try to search for a query in the application. The student and employer can also register and change the specifics of the other user's details whenever necessary. All information about the student and employer and their data are contained in the database.

INTRODUCTION

2.INTRODUCTION

2.1 PROJECT OVERVIEW

INTERNSHIP MANAGEMENT SYSTEM website helps students and employers to provide with their internship program details and their respective description with an ease to use user interface design. And the App also Keeps Track of the sections of both the employer's and the student's details and its employer's internship info which is displayed in the dashboard and Helps the student to read the internship details in various different segments.

2.2 OBJECTIVE

The main objective of the **INTERNSHIP MANAGEMENT SYSTEM** Application is to help employers and students to keep track with their internship programs and their respective descriptions with an visually appealing user interface.

SYSTEM ANALYSIS

3. SYSTEM ANALYSIS

3.1 EXISTING SYSTEM

Although there are many different types of internship management systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many internship management applications have easy to use user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Time consuming.
- platform dependent.

3.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use internship management system application. The **INTERNSHIP MANAGEMENT SYSTEM** enables the students and employers to track the internships provided by the employers based on their requirements that are chosen by themselves and enables students to apply from the given internships at ease. Using the data from the users, database values are generated. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy to use User Interface.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response
- Interactive dashboard
- Providers dashboard enabled
- Enhancements using APIs

SYSTEM REQUIREMENTS

4. SYSTEM REQUIREMENTS

4.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 2GB & above

4.2 SOFTWARE REQUIREMENTS

FRONT END	: HTML, CSS, Bootstrap 4
BACK END	: PHP, JavaScript
DATABASE	: MySQL
PLATFORM	: WAMP

SYSTEM OVERVIEW

5. SYSTEM OVERVIEW

5.1 MODULE DESCRIPTION

1. STUDENT DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for student.

2. INTERNSHIP DETAILS

This module comprises of the internship details of all the companies in a single dashboard.

3. ADMIN DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for admin.

4. PROFILE

Contains the basic profile details of the users which can be later edited and deleted and also contains the password reset option.

5. EMPLOYER DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for employer.

6. INDEX

This is the main homepage which has the introductory part of the application.

7. MISCELLANEOUS

Extra pages are also offered for the application for better understanding of the application for users and additional features which is usually miscellaneous according to the application's functionality.

5.2 SOFTWARE DESCRIPTION

RUNTIME :

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML:

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as <img /> and <input /> directly introduce content into the page. Other tags such as <p> surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK

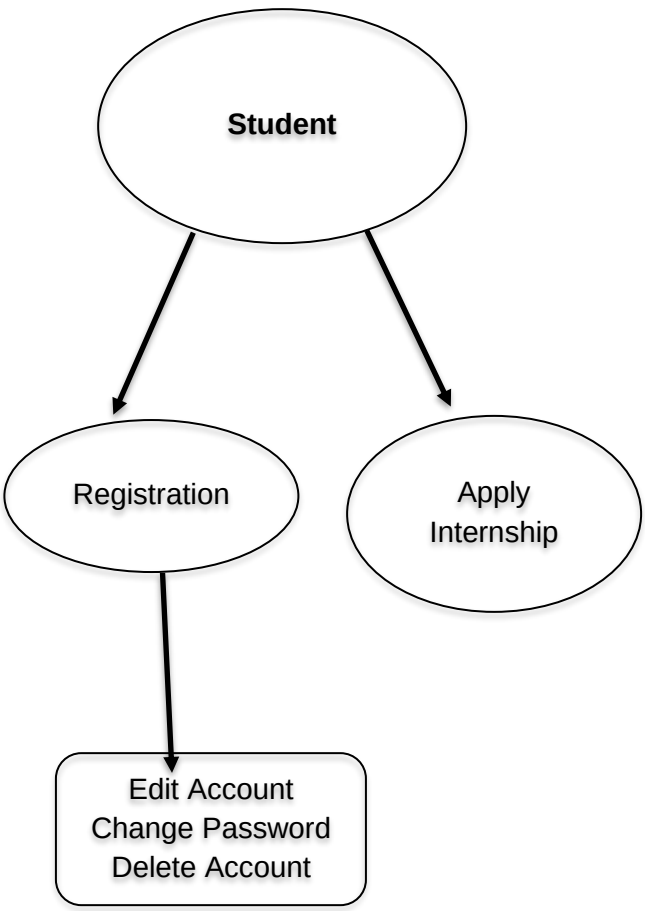
A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

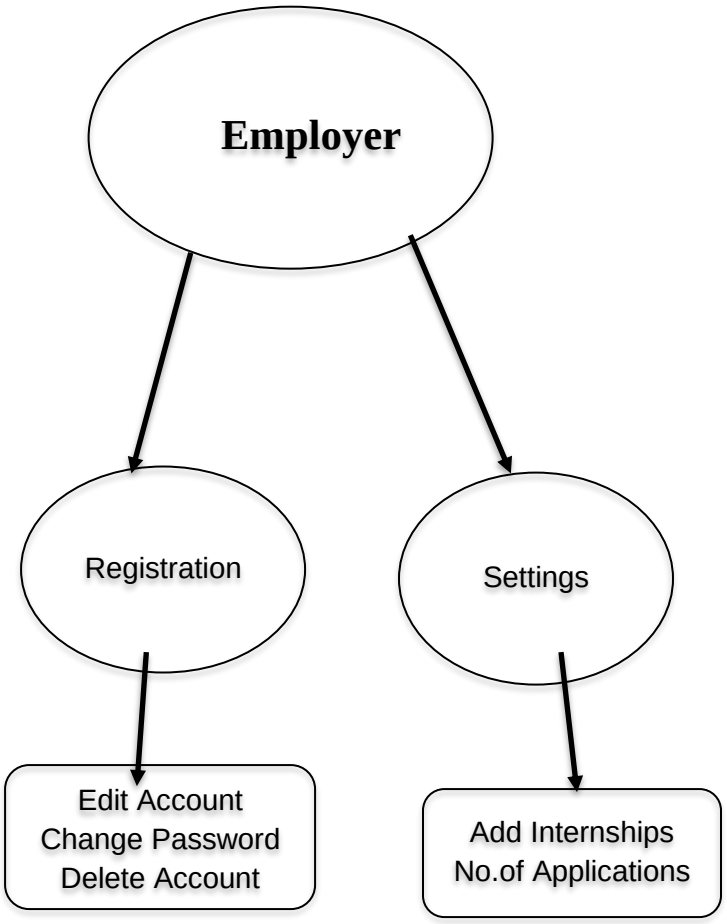
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%.Other notable browsers include Firefox and Microsoft Edge.

SYSTEM DESIGN

Data Flow Diagram:





DATA BASE DESIGN:

Database is an integrated collection of data and provides a centralized access to the data and makes possible to treat data as a separate resource. Usually centralized data managing software is called a Relational Database Management System (RDBMS). The most significant different between RDBMS and other type of Data Management is the separation of data as seen by the program and data as store of on the direct access storage device. This is the difference between logical and physical data.

MYSQL is a programming language that is used by most relational database management systems (RDBMS) to manage data stored in tabular form (i.e. tables). A relational database consists of multiple tables that relate to each other. The relation between tables is formed in the sense of shared columns.

6. SYSTEM DESIGN

6.1 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of a computerized system and is often the major problem of a system.

In the project, the input design is made in various web forms with various methods. The internship data is provided in the form by the user.

6.2 OUTPUT DESIGN:

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

In the project, the internship section details are the web forms in card components where the output is available.

SYSTEM TESTING AND IMPLEMENTATION

7. SYSTEM TESTING AND IMPLEMENTATION

7.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and developments,
2. Works as expected,
3. Can be implemented with the same of characteristics,
4. Satisfies the needs of stakeholders.

7.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated's design properties and/or requirements. The element is constructed employing appropriate technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test performed by end-users using real data over an extended period of time. There are several forms of verification that people use to validate their works. The lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test
- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into sub-systems, thich are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interface between modules. The different modules were linked together and integration testing done on them.

7.2 SYSTEM MAINTENANCE

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments and correcting problems Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system. Adaptation of software to a new environment may involve moving the software to a different machine, or for instance, modifying the software to accommodate a new telecommunication protocol or an additional disk drives. Problem correction involves modification and revalidation of software to correct errors.

CONCLUSION

8. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in Internship management system, but also the much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged.

This system is user friendly so everyone can use easily, Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

FUTURE ENHANCEMENT

9. FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

In future this module will work as a beneficial and time saving application and will include user databases individually.

BIBLIOGRAPHY

10. BIBLIOGRAPHY

Web Reference :

1. https://medium.com

2. https://www.reddit.com/

3. https://discord.com/

4.https://code.visualstudio.com/

5.http://forum.wampserver.com/

6.http://www.w3schools.com

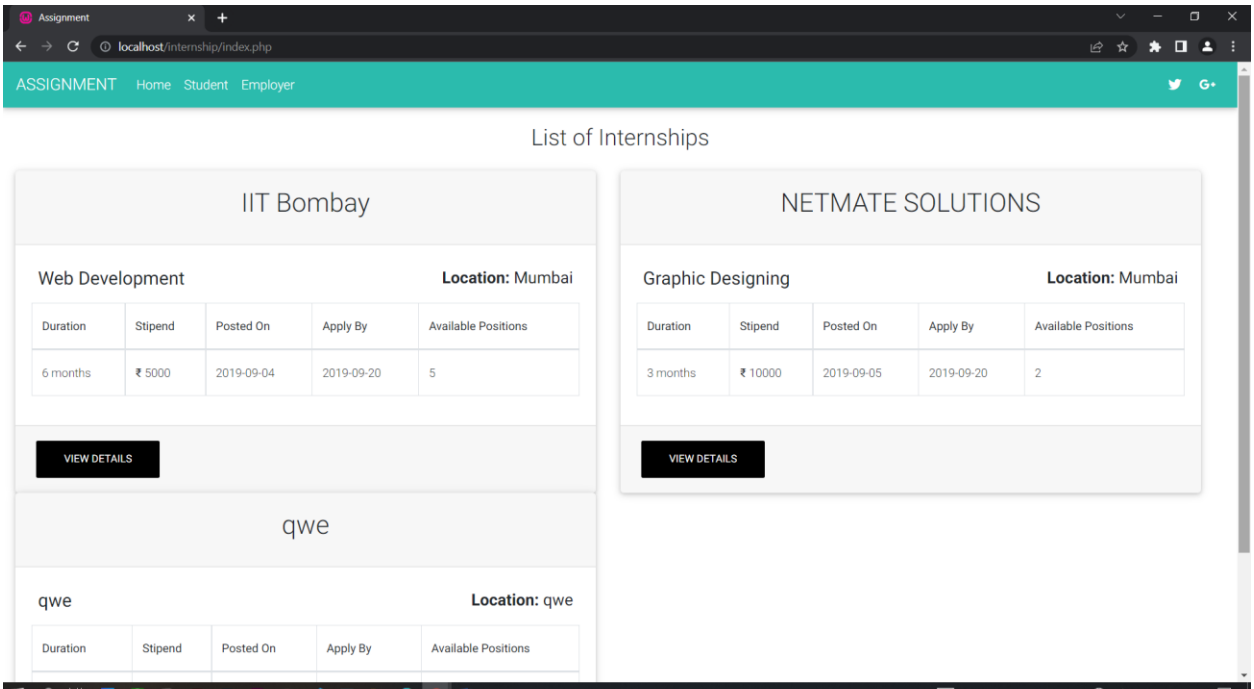
7.http://www.geeksforgeeks.org

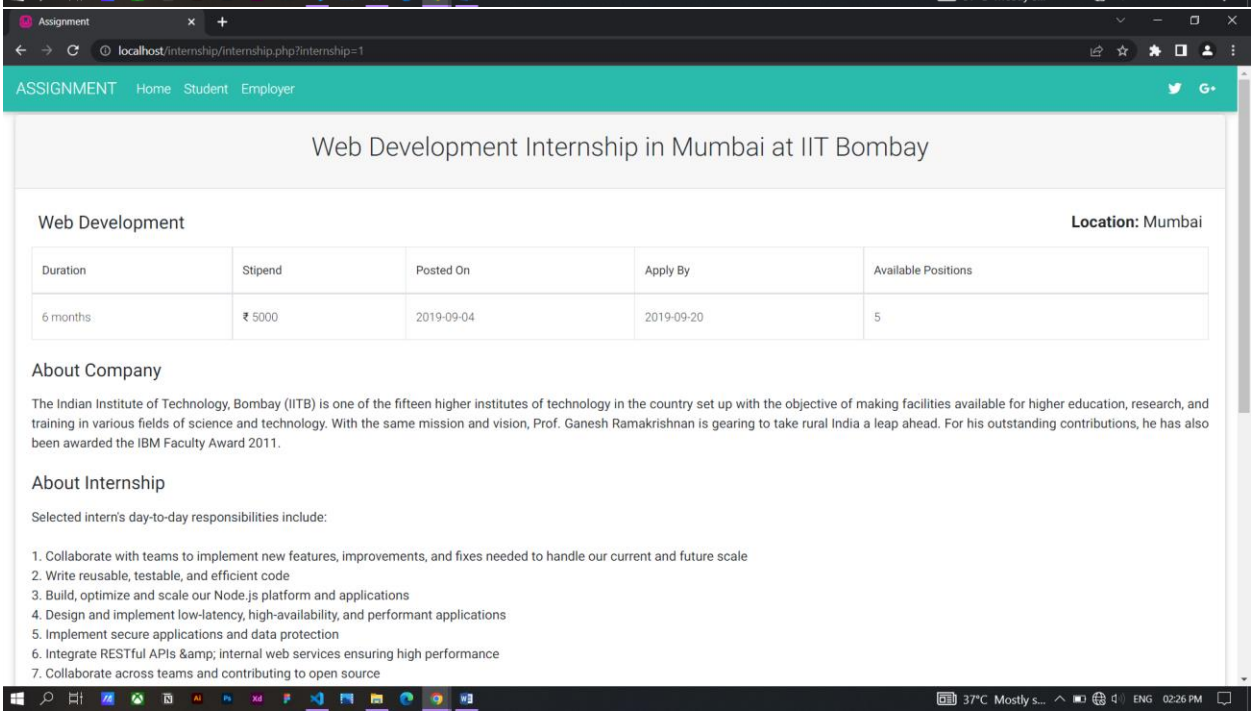
8. http://www. tutorialspoint.com

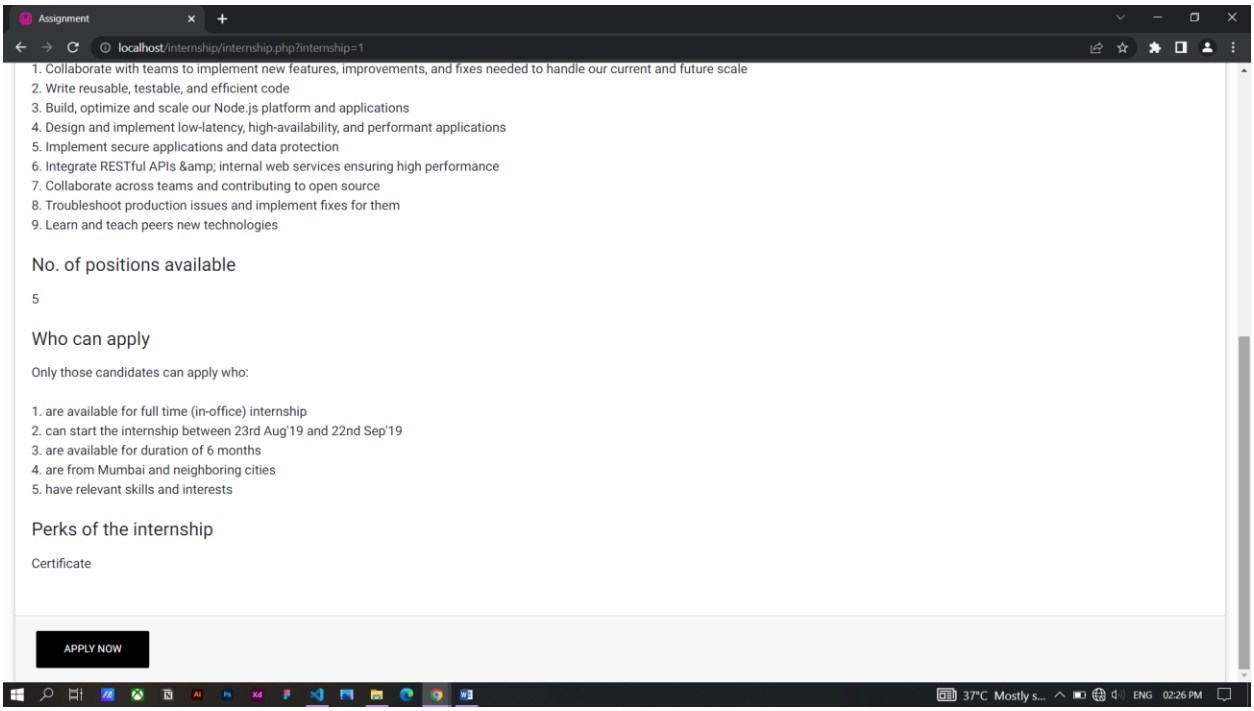
APPENDIX

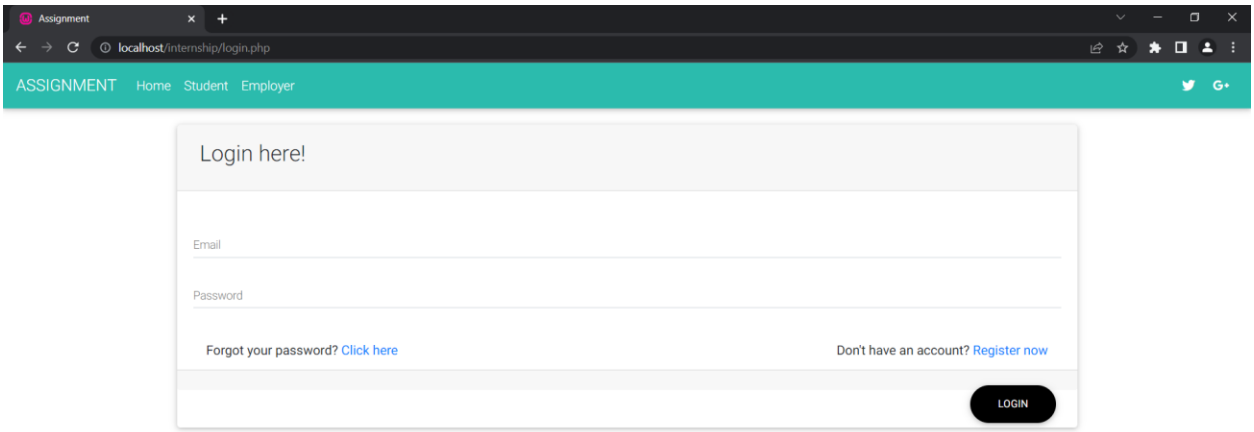
11. APPENDIX

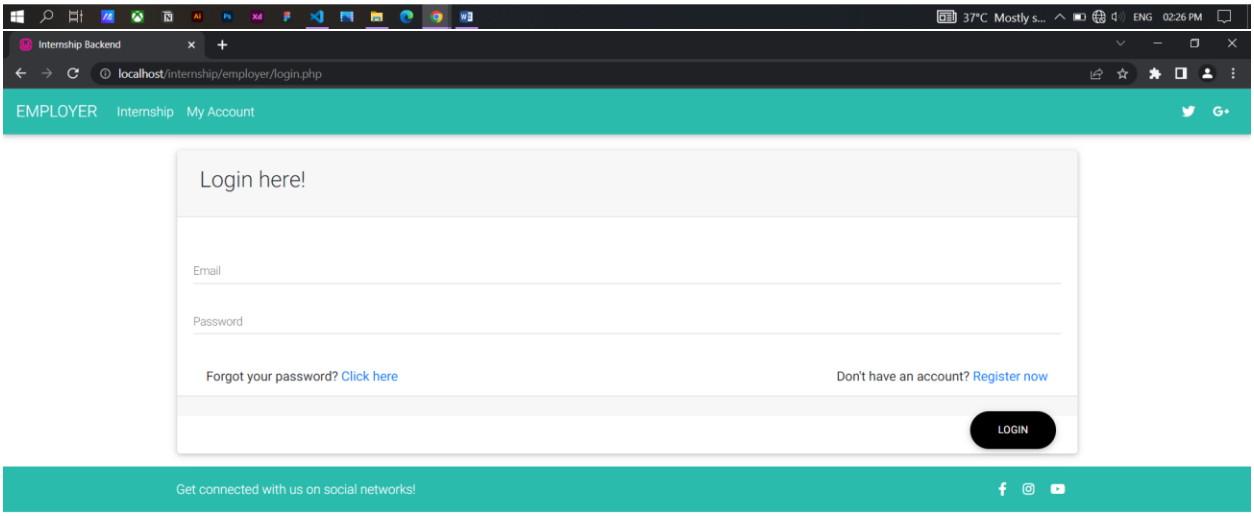
A. SCREEN SHOTS



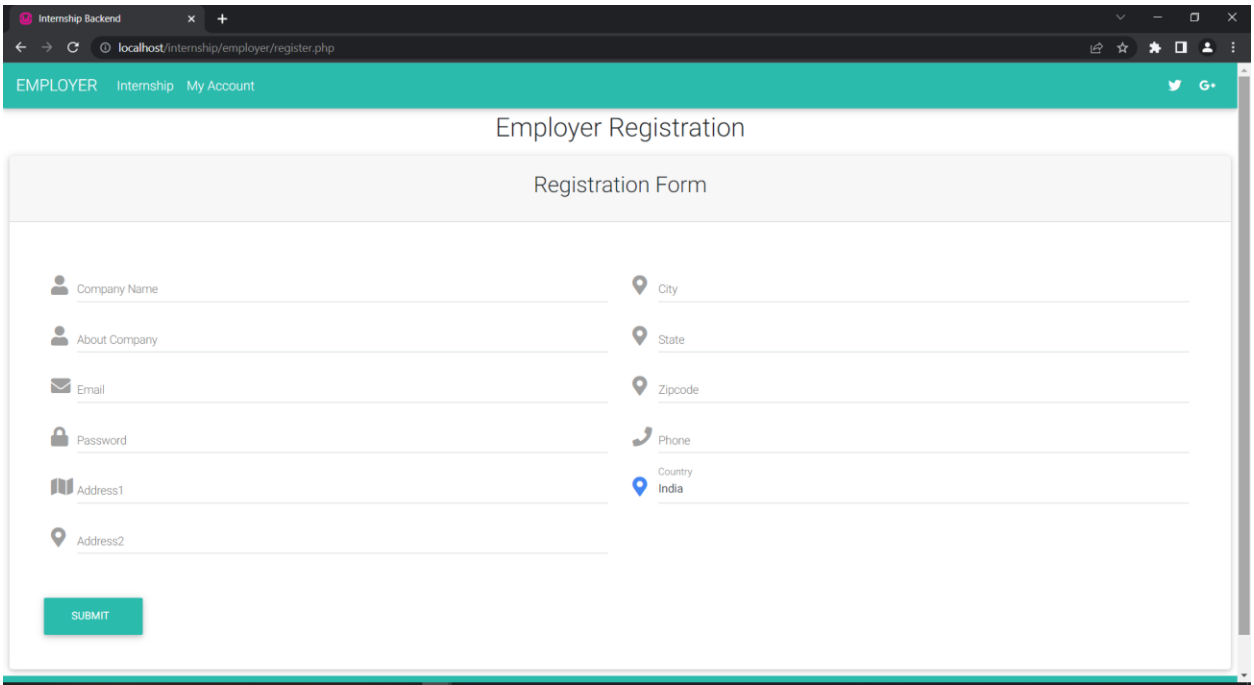


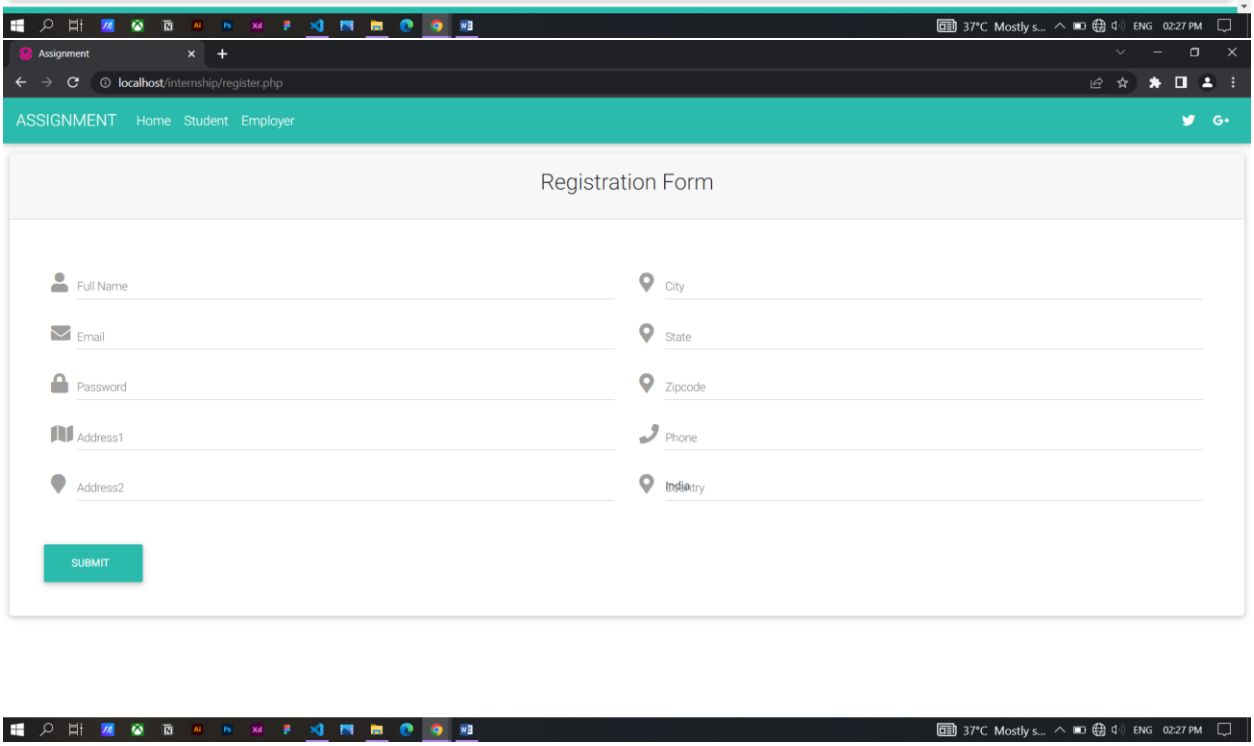

Assignment
localhost/internship/internship.php?internship=1
1. Collaborate with teams to implement new features, improvements, and fixes needed to handle our current and future scale
2. Write reusable, testable, and efficient code
3. Build, optimize and scale our Node.js platform and applications
4. Design and implement low-latency, high-availability, and performant applications
5. Implement secure applications and data protection
6. Integrate RESTful APIs & internal web services ensuring high performance
7. Collaborate across teams and contributing to open source
8. Troubleshoot production issues and implement fixes for them
9. Learn and teach peers new technologies
No. of positions available
5
Who can apply
Only those candidates can apply who:
1. are available for full time (in-office) internship
2. can start the internship between 23rd Aug'19 and 22nd Sep'19
3. are available for duration of 6 months
4. are from Mumbai and neighboring cities
5. have relevant skills and interests
Perks of the internship
Certificate
APPLY NOW
37°C Mostly s...
ENG
02:26 PM

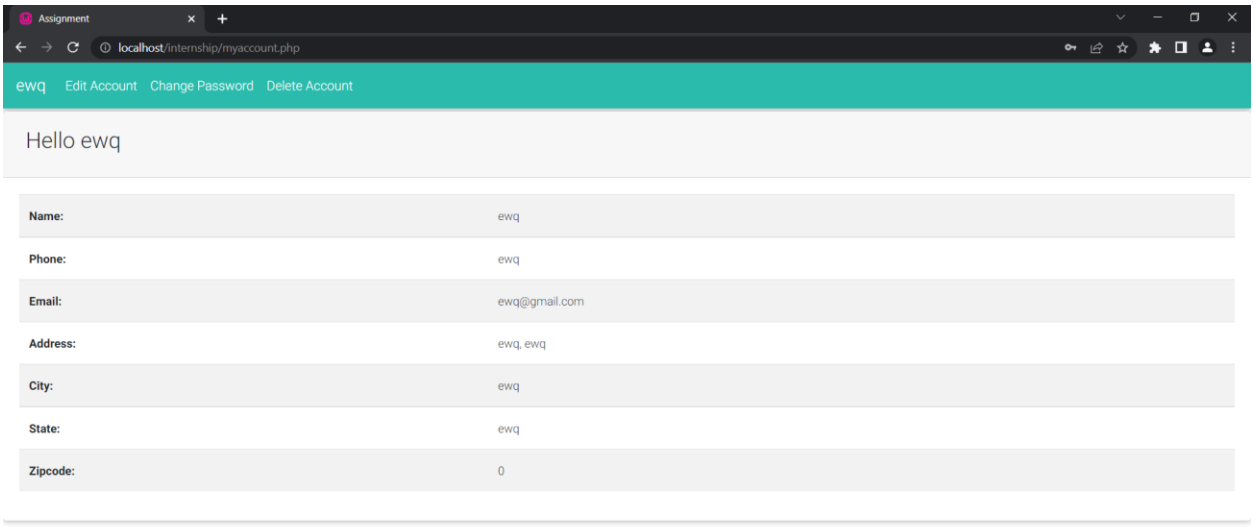

Assignment
localhost/internship/login.php
ASSIGNMENT
Home
Student
Employer
Login here!
Email
Password
Forgot your password? Click here
Don't have an account? Register now
LOGIN

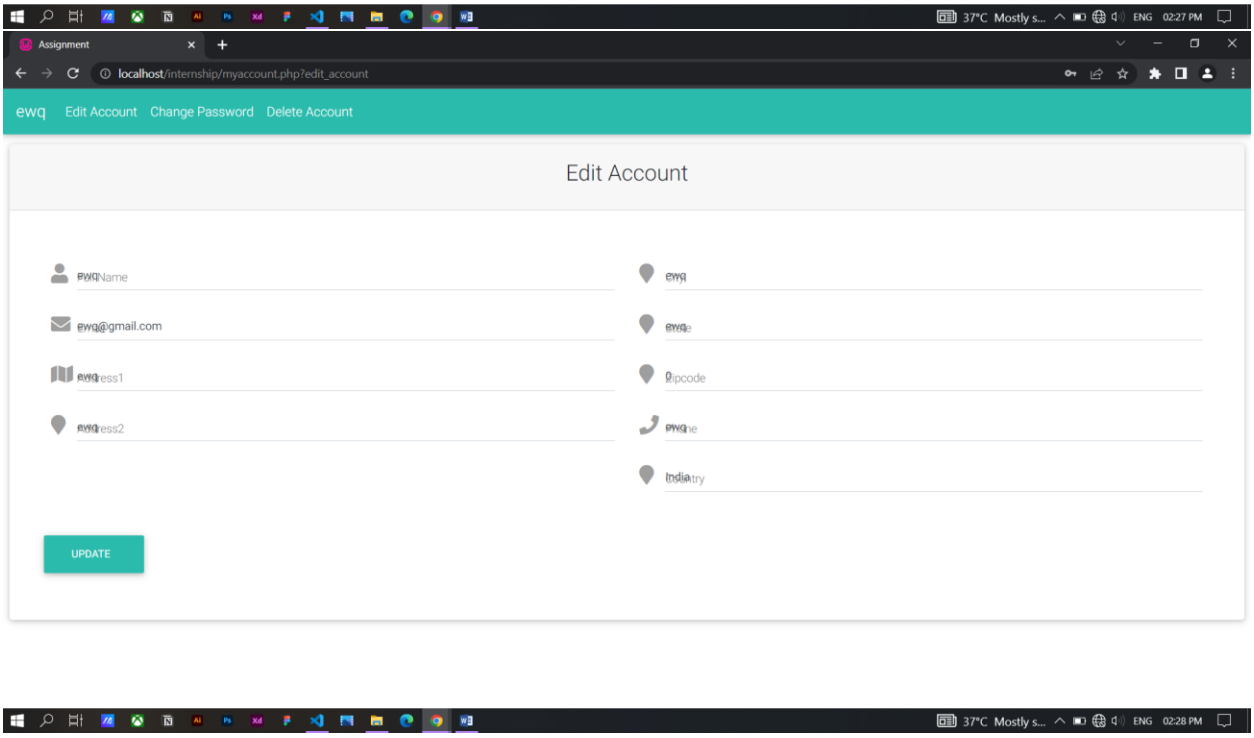

37°C Mostly s...
ENG 02:26 PM
Internship Backend
localhost/internship/employer/login.php
EMPLOYER
Internship
My Account
Login here!
Email
Password
Forgot your password? Click here
Don't have an account? Register now
LOGIN
Get connected with us on social networks!

37°C Mostly s...
ENG 02:26 PM

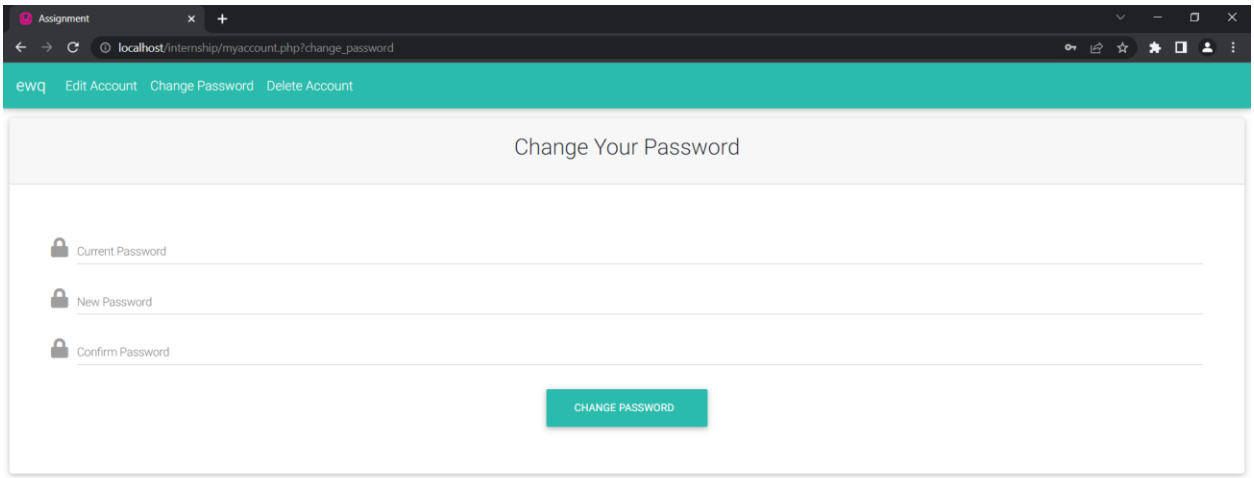

Internship Backend
localhost/internship/employer/register.php
EMPLOYER
Internship
My Account
Employer Registration
Registration Form
Company Name
About Company
Email
Password
Address1
Address2
City
State
Zipcode
Phone
Country
India
SUBMIT

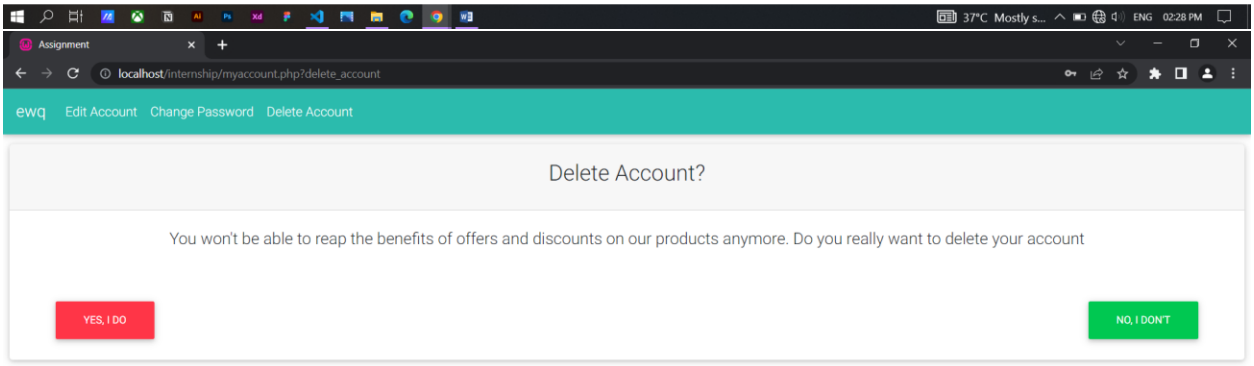

Assignment
localhost/internship/register.php
ASSIGNMENT
Home
Student
Employer
Registration Form
Full Name
Email
Password
Address1
Address2
City
State
Zipcode
Phone
India
SUBMIT


Assignment
localhost/internship/myaccount.php
ewq
Edit Account
Change Password
Delete Account
Hello ewq
Name: ewq
Phone: ewq
Email: ewq@gmail.com
Address: ewq, ewq
City: ewq
State: ewq
Zipcode: 0

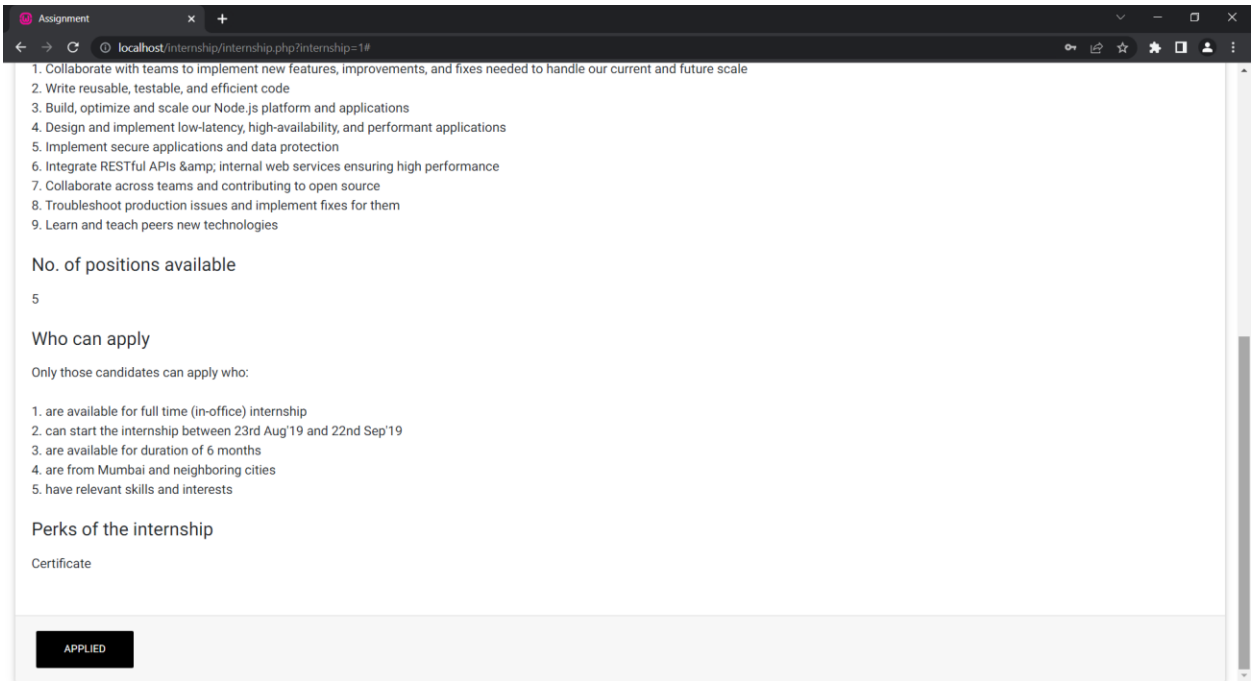

37°C Mostly s...
ENG 02:27 PM
Assignment
localhost/internship/myaccount.php?edit_account
ewq
Edit Account
Change Password
Delete Account
Edit Account
ewqName
ewq
ewq@gmail.com
ewq
ewqress1
0ipcode
ewqress2
ewqne
India
UPDATE

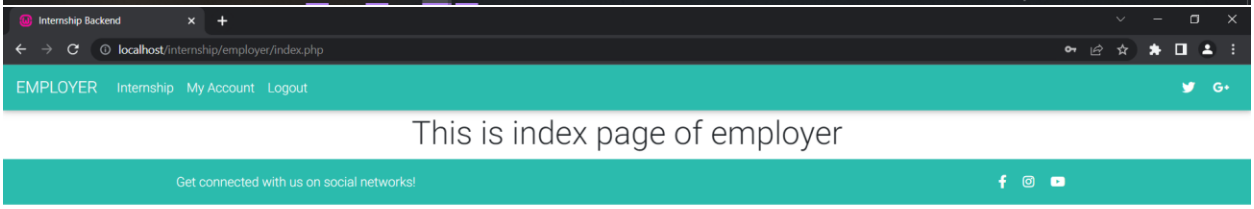
37°C Mostly s...
ENG 02:28 PM


Assignment
localhost/internship/myaccount.php?change_password
ewq
Edit Account
Change Password
Delete Account
Change Your Password
Current Password
New Password
Confirm Password
CHANGE PASSWORD

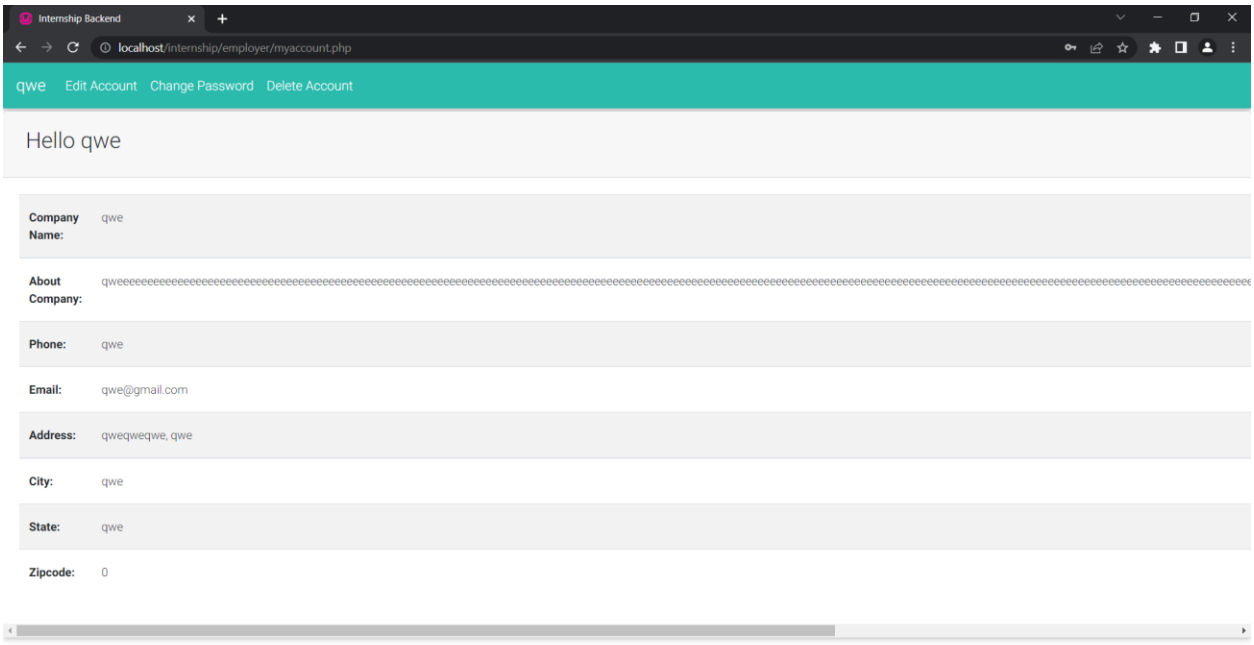

37°C Mostly s...
ENG
02:28 PM
Assignment
localhost/internship/myaccount.php?delete_account
ewq
Edit Account
Change Password
Delete Account
Delete Account?
You won't be able to reap the benefits of offers and discounts on our products anymore. Do you really want to delete your account
YES, I DO
NO, I DON'T

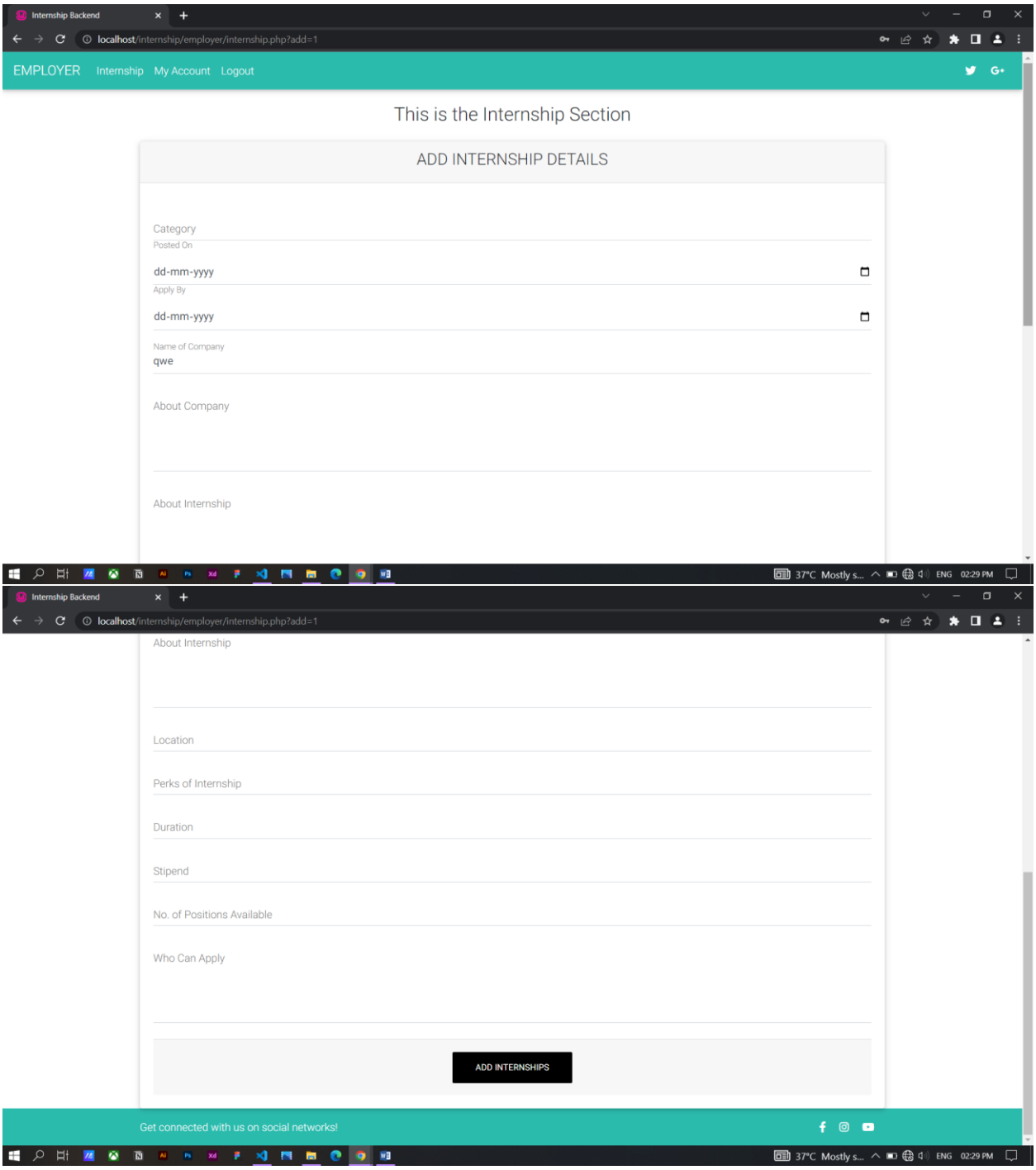
37°C Mostly s...
ENG
02:28 PM

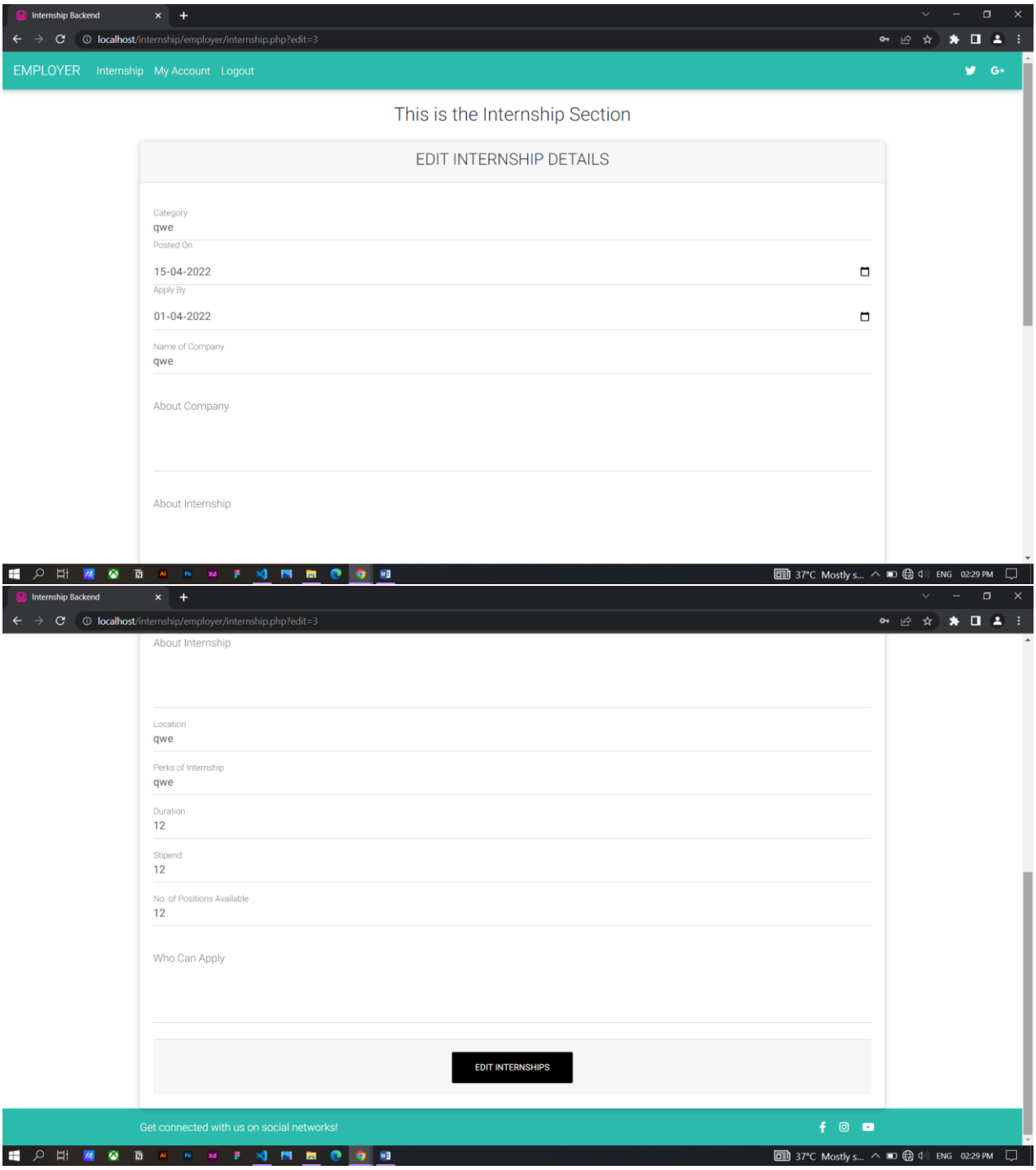




This is index page of employer


Internship Backend
localhost/internship/employer/myaccount.php
qwe
Edit Account
Change Password
Delete Account
Hello qwe
Company Name:
qwe
About Company:
qweeee


Internship Backend
localhost/internship/employer/internship.php?add=1
EMPLOYER
Internship
My Account
Logout
This is the Internship Section
ADD INTERNSHIP DETAILS
Category
Posted On
dd-mm-yyyy
Apply By
dd-mm-yyyy
Name of Company
qwe
About Company
About Internship
Location
Perks of Internship
Duration
Stipend
No. of Positions Available
Who Can Apply
ADD INTERNSHIPS
Get connected with us on social networks!


Internship Backend
localhost/internship/employer/internship.php?edit=3
EMPLOYER
Internship
My Account
Logout
This is the Internship Section
EDIT INTERNSHIP DETAILS
Category
qwe
Posted On
15-04-2022
Apply By
01-04-2022
Name of Company
qwe
About Company
About Internship
Location
qwe
Perks of Internship
qwe
Duration
12
Stipend
12
No. of Positions Available
12
Who Can Apply
EDIT INTERNSHIPS
Get connected with us on social networks!

SAMPLE CODE

B. SAMPLE CODING

INDEX.PHP

```
<?php
  session_start();
  require_once 'core/init.php';
  include 'includes/header.php';
?>
<?php
  $sql = "SELECT * FROM internships WHERE deleted=0";
  $internships = $db->query($sql);
?>
<main>
<body>
<marquee direction = "left"><b>"The only person you are destined to become is the person you decide to be."</b></marquee>
<div id="about" class="view" style="height: 50%;background: url('imgg.jpg')no-repeat center center fixed;
  -webkit-background-size: cover;
  -moz-background-size: cover;
  -o-background-size: cover;
  background-size: cover;></div>
 <h3 class="text-center p-3"><center><font size="25%"><b>
  List of Internships</b></font></center></h3>
<div class="container-fluid row">
  <!-- List of Internships -->
  <?php while($internship = mysqli_fetch_assoc($internships)): ?>
  <div class="col-md-6">
    <div class="card">
      <div class="card-header">
<h2  class="p-2  text-center
cardtitle"><?=$internship['nameOfCompany'];?></h2>  </div>
<div class="card-body">
```

```
<h4  class="p-2 h4-responsive
      floatleft"><?=$internship['category'];?></h4>
            <h5 class="p-2 h5-responsive float-right"><b>Location:
</b><?=$internship['location'];?></h5>
            <table class="table table-bordered">
              <thead>
                <th>Duration</th>
                <th>Stipend</th>
                <th>Posted On</th>
                <th>Apply By</th>
                <th>Available Positions</th
       </thead>
              <tbody>
                <tr>
                  <td><?=$internship['duration'];?> months</td>
                  <td>&#8377; <?=$internship['stipend'];?></td>
                  <td><?=$internship['postedOn'];?></td>
                  <td><?=$internship['applyBy'];?></td>
                  <td><?=$internship['positions'];?></td>
                </tr>
              </tbody>
            </table>
          </div>
          <div class="card-footer">
            <a  href="internship.php?internship=<?=$internship['id'];?>"
class="btn btn-success btn-black waves-effect z-depth-0">View
Details</a>
          </div>
        </div><br><br>
      </div>
      <?php endwhile;?>
    </div>
    <br>
  </body>
  </main>
```

<?php include 'includes/footer.php'; ?>

INTERNSHIP.PHP

```
<!DOCTYPE html>
<?php
  session_start();
  include 'core/init.php';
  include 'includes/header.php';
  $sql = "SELECT * FROM internships WHERE deleted=0";
  $internships = $db->query($sql);
?>
<html lang="en">
<?php
  // Fetch the internship details
  if(isset($_GET['internship'])){
    $id = sanitize((int)$_GET['internship']);
    $sql = "SELECT * FROM internships WHERE id = '$id'";
    $sqlResult = $db->query($sql);
    $internshipCount = mysqli_num_rows($sqlResult);
    if($internshipCount > 0){
      while ($row = mysqli_fetch_array($sqlResult)) {
        $category = $row['category'];
        $nameOfCompany = $row['nameOfCompany'];
        $postedOn = $row['postedOn'];
        $applyBy = $row['applyBy'];
        $aboutCompany = $row['aboutCompany'];
        $aboutInternship = $row['aboutInternship'];
        $location = $row['location'];
        $perks = $row['perks'];
        $duration = $row['duration'];
        $stipend = $row['stipend'];
        $positions = $row['positions'];
        $whoCanApply = $row['whoCanApply'];
      }
    }else{
      echo "Internship does not exist";
```

```
    exit();
   }
  }
  else{
   echo "Data is missing, please select the internship";
   exit();
  }
?>
  <!-- Display internship details -->
  <div class="container-fluid">
   <div class="card">
    <div class="card-header">
     <h2 class="p-2 text-center card-title"><?=$category;?> Internship
in <?=$location;?> at <?=$nameOfCompany;?></h2>
    </div>
    <div class="card-body">
     <h4 class="p-2 h4-responsive float-left"><?=$category;?></h4>
     <h5 class="p-2 h5-responsive float-right"><b>Location:
</b><?=$location;?></h5>
     <table class="table table-bordered">
      <thead>
       <th>Duration</th>
       <th>Stipend</th>
       <th>Posted On</th>
       <th>Apply By</th>
       <th>Available Positions</th>
      </thead>
      <tbody>
       <tr>
        <td><?=$duration;?> months</td>
        <td>&amp;#8377; <?=$stipend;?></td>
        <td><?=$postedOn;?></td>
        <td><?=$applyBy;?></td>
        <td><?=$positions;?></td>
       </tr>
      </tbody>
     </table>
```

```
      <div class="text-justify py-2">
        <div class="aboutCompany">
          <h4 class="h4-responsive">About Company</h4>
          <p class="py-2"><?=$aboutCompany;?></p>
        </div>
        <div class="aboutInternship">
          <h4 class="h4-responsive">About Internship</h4>
          <p class="py-2"><?=nl2br($aboutInternship);?></p>
        </div>
        <div class="positions">
          <h4 class="h4-responsive">No. of positions available</h4>
          <p class="py-2"><?=$positions;?></p>
        </div>
        <div class="whoCanApply">
          <h4 class="h4-responsive">Who can apply</h4>
          <p class="py-2"><?=nl2br($whoCanApply);?></p>
        </div>
        <div class="perks">
          <h4 class="h4-responsive">Perks of the internship</h4>
          <p class="py-2"><?=$perks;?></p>
        </div>
      </div>
    </div>
<div class="card-footer">
      <?php
        if(!isset($_SESSION['email'])){
          echo "<a href='login.php' class='btn btn-success btn-black waves-
effect z-depth-0' name='apply'>Apply Now</a>";
        }
        else{
          $email = $_SESSION['email'];
          $sqlcus = "SELECT * FROM customers WHERE email =
'$email'";
          $result = $db->query($sqlcus);
          while ($row_pro = mysqli_fetch_array($result)) {
            $cus_id = $row_pro['id'];
            $cus_name = $row_pro['fullname'];
```

```
            $cus_email = $row_pro['email'];
            $cus_address1 = $row_pro['address1'];
            $cus_address2 = $row_pro['address2'];
            $cus_city = $row_pro['city'];
            $cus_state = $row_pro['state'];
            $cus_zipcode = $row_pro['zipcode'];
            $cus_phone = $row_pro['phone'];
            $cus_country = $row_pro['country'];
          }
$sqlapp = "SELECT * FROM applications WHERE cus_id = '$cus_id'
AND int_id = '$id'";
          $applications = $db->query($sqlapp);
          while($application = mysqli_fetch_array($applications)){
            $app_id = $application['id'];
            $cus_app_id = $application['cus_id'];
            $int_id = $application['int_id'];
            $applied = $application['applied'];
          }
  if(isset($cus_app_id) == $cus_id){
            echo "<a href='#' class='btn btn-success btn-black waves-effect
z-depth-0' name='applied'>Applied</a>";
          }else{
        ?>
        <a href="application.php?apply=<?=$id;?>" class="btn btn-
success btn-black waves-effect z-depth-0" name="apply">Apply
Now</a>
        <?php } } ?>
      </div>
    </div>
  </div>
<?php include 'includes/footer.php';?>
```

Student Registration:

```
<?php
        session_start();
        include('core/init.php');
        include('includes/header.php');

?>
<body background="img3.jpg">
<div class="container-fluid p-2">
        <div class="card">
                <div class="card-header">
                        <h3 class="h3-responsive p-2 text-center">Registration
Form</h3>
                </div>
                <div class="card-body">
                        <div class="container-fluid">
                                <form class="p-3 grey-text" method="post"
action="register.php">
                                        <div class="row">
                                                <div class="col-md-6">
                                                        <div class="md-form form-sm">
<i class="fa fa-user prefix"></i>
                                                        <input type="text" id="fullname"
class="form-control form-control-sm" name="fullname">
                                                        <label for="fullname">Full
Name</label>
                                                </div>
                                                <div class="md-form form-sm"> <i
class="fa fa-envelope prefix"></i>
                                                        <input type="email" id="email"
class="form-control form-control-sm" name="email">
                                                        <label for="email">Email</label>
```

```
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fa fa-lock prefix"></i>
                                      <input type="password" id="password"
class="form-control form-control-sm" name="password">
                                      <label for="password">Password</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fas fa-map prefix"></i>
                                      <input type="text" id="address1"
class="form-control form-control-sm" name="address1">
                                      <label for="address1">Address1</label>
                                    </div>
                                          <div class="md-form form-sm">
<i class="fa fa-map-marker prefix"></i>
                                      <input type="text" id="address2"
class="form-control form-control-sm" name="address2">
                                      <label for="address2">Address2</label>
                                    </div>
                                        </div>
                                        <div class="col-md-6">
                                    <div class="md-form form-sm"> <i
class="fa fa-map-marker-alt prefix"></i>
                                      <input type="text" id="city"
class="form-control form-control-sm" name="city">
                                      <label for="city">City</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fa fa-map-marker-alt prefix"></i>
                                      <input type="text" id="state"
class="form-control form-control-sm" name="state">
                                      <label for="state">State</label>
```

```
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fa fa-map-marker-alt prefix"></i>
                                      <input type="text" id="zipcode"
class="form-control form-control-sm" name="zipcode">
                                      <label for="zipcode">Zipcode</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fa fa-phone prefix"></i>
                                      <input type="text" id="phone"
class="form-control form-control-sm" name="phone">
                                      <label for="phone">Phone</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fa fa-map-marker-alt prefix"></i>
                                      <input type="text" id="country"
class="form-control form-control-sm" name="country" value="India">
                                      <label for="country">Country</label>
                                    </div>
                                        </div>
                                        <div class="text-center mt-4">
                                   <button class="btn btn-default"
type="submit" name="submit">Submit <i class="fa fa-paper-plane-o
ml-1"></i></button></div></div></form></div></div></div></div>
<?php
        if(isset($_POST['submit'])){
                $ip = getIp();
                $fullname = sanitize($_POST['fullname']);
                $email = sanitize($_POST['email']);
                $password = sanitize($_POST['password']);
                $address1 = sanitize($_POST['address1']);
                $address2 = sanitize($_POST['address2']);
```

```
        $city = sanitize($_POST['city']);
        $state = sanitize($_POST['state']);
        $zipcode = sanitize($_POST['zipcode']);
        $phone = sanitize($_POST['phone']);
        $country = sanitize($_POST['country']);

        $insertCus = "INSERT INTO customers
(ip,fullname,email,password,address1,address2,city,state,zipcode,phone,
country) VALUES
('$ip','$fullname','$email','$password','$address1','$address2','$city','$st
ate','$zipcode','$phone','$country')";
        $db->query($insertCus);

        $sel_cart = "SELECT * FROM cart WHERE ip_add =
'$ip'";
        $run_cart = $db->query($sel_cart);
        $check_cart = mysqli_num_rows($run_cart);
        if($check_cart == 0){
            $_SESSION['email'] = $email;

            echo "<script>alert('Account has been created
successfully')</script>";
            echo
"<script>window.open('myaccount.php','_self')</script>";
        }else{
            $_SESSION['email'] = $email;

            echo "<script>alert('Account has been created
successfully')</script>";
            echo
"<script>window.open('index.php','_self')</script>";
        }
```

```
        }
?>

<?php include('includes/footer.php'); ?>
Student Login
<?php
        session_start();
        include 'includes/header.php';
        include 'core/init.php';
?>
<body background="imgg.jpg">
<div class="container p-3">
        <div class="card">
                <div class="card-header">
                        <h3 class="p-2 h3-responsive">Login here!</h3>
                </div>
                <form action="" method="post">
                        <div class="card-body">
                                <div class="md-form form-sm">
                                        <input type="text" id="email" class="form-
control form-control-sm" name="email" required>
                                        <label for="email">Email</label>
                                </div>
                                <div class="md-form form-sm">
                                        <input type="password" id="password"
class="form-control form-control-sm" name="password" required>
                                        <label for="password">Password</label>
                                </div>
                                <div class="p-3">
                                        <div class="float-right">
                                                <p class="">Don't have an account?
<a href="register.php">Register now</a></p>
```

```
                        </div>
                    </div>
                </div>
                <div class="card-footer">
                    <div class="float-right">
                        <button type="submit" name="login"
class="btn btn-black" style="border-radius: 10em;background:
#1c2a48">Login</button>
                    </div>
                </div>
            </form>
            <?php
                if(isset($_POST['login'])){
                    $email = $_POST['email'];
                    $password = $_POST['password'];

                    $sql = "SELECT * FROM customers WHERE
password = '$password' AND email = '$email'";
                    $runSql = $db->query($sql);
                    $check_customer = mysqli_num_rows($runSql);
                    if($check_customer == 0){
                        echo "<script>alert('Your password or
email is incorrect, please try again!')</script>";
                        exit();
                    }
                    $ip = getIp();
                    if($check_customer > 0){
                        $_SESSION['email'] = $email;
                        echo "<script>alert('You logged in
successfully!')</script>";
                        echo
"<script>window.open('myaccount.php','_self')</script>";
```

```
                        }else{
                                $_SESSION['email'] = $email;
                                echo "<script>alert('You logged in
successfully!')</script>";
                        }}?></div></div>
<?php
        include 'includes/footer.php';
?>


Student Logout
<?php
        session_start();
        session_destroy();
        echo "<script>window.open('index.php','_self')</script>";
?>  <?php include 'includes/header.php'; ?>
<?php include 'includes/footer.php';?>
<?php
        session_start();
        include 'core/init.php';
?><?php
        if(!isset($_SESSION['email'])){
     echo "<script>window.open('login.php','_self')</script>";
   }else{
      echo "<script>window.open('','_self')</script>";
   }
?><?php
        $email = $_SESSION['email'];
        $sql = "SELECT * FROM customers WHERE email = '$email'";
   $result = $db->query($sql);
   while ($row_pro = mysqli_fetch_array($result)) {
        $cus_id = $row_pro['id'];
```

```
        $cus_name = $row_pro['fullname'];
        $cus_email = $row_pro['email'];
        $cus_address1 = $row_pro['address1'];
        $cus_address2 = $row_pro['address2'];
        $cus_city = $row_pro['city'];
        $cus_state = $row_pro['state'];
        $cus_zipcode = $row_pro['zipcode'];
        $cus_phone = $row_pro['phone'];
        $cus_country = $row_pro['country'];
    }
?>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
  <meta http-equiv="x-ua-compatible" content="ie=edge">
  <title>Assignment</title>
  <!-- Font Awesome -->
  <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.8.2/css/all.css">
  <!-- Bootstrap core CSS -->
  <link href="css/bootstrap.min.css" rel="stylesheet">
  <!-- Material Design Bootstrap -->
  <link href="css/mdb.min.css" rel="stylesheet">
  <!-- Your emptom styles (optional) -->
  <link href="css/style.css" rel="stylesheet">
</head>
<body>
        <nav class="mb-1 navbar navbar-expand-lg navbar-dark default-
color">
```

```
        <a class="navbar-brand"
href="index.php"><?=$cus_name;?></a>
      <!-- Collapse button -->
      <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#basicExampleNav"
      aria-controls="basicExampleNav" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
       </button>
           <!-- Collapsible content -->
             <div class="collapse navbar-collapse"
id="basicExampleNav">
            <!-- Links -->
                  <ul class="navbar-nav mr-auto smooth-scroll">
                        <li class="nav-item">
                        <a class="nav-link"
href="myaccount.php?edit_account">Edit Account</a>
                        </li>
                        <li class="nav-item">
                        <a class="nav-link"
href="myaccount.php?change_password">Change Password</a>
                        </li>
                        <li class="nav-item">
                        <a class="nav-link"
href="myaccount.php?delete_account">Delete Account</a>
      </li></ul></div></nav>
       <?php
            if (!isset($_GET['edit_account'])) {
            if(!isset($_GET['change_password'])){
            if(!isset($_GET['delete_account'])){
       echo <div class='card'>
          <div class='card-header'>
```

```
          <h3 class='h3-responsive p-2'>Hello $cus_name</h3>
         </div>
         <div class='card-body table-responsive'>
        <table class='table table-striped table-condensed' style='display:
table'><tr>
<th><b>Name: </b></th>
<td>$cus_name</td>
</tr><tr>
<th><b>Phone: </b></th>
<td>$cus_phone</td>
</tr><tr>
<th><b>Email: </b></th>
<td>$cus_email</td>
</tr>
<tr>
<th><b>Address: </b></th>
<td>$cus_address1,  $cus_address2</td>
</tr><tr>
<th><b>City: </b></th>
<td>$cus_city</td>
</tr><tr>
<th><b>State: </b></th>
<td>$cus_state</td>
</tr><tr>
<th><b>Zipcode: </b></th>
<td>$cus_zipcode</td>
</tr></table></div></div>";
      }  } }?>
      <?php
            if(isset($_GET['edit_account'])){
                  include 'student/edit_account.php';
            }
```

```
            if(isset($_GET['change_password'])){
                include 'student/change_password.php';
            }
            if(isset($_GET['delete_account'])){
                include 'student/delete_account.php';
            }
        ?></body></html><?php include 'includes/footer.php';?>
Change Student Password:
<?php
        include('core/init.php');
?>
<div class="container-fluid p-2">
        <div class="card">
            <div class="card-header">
                <h3 class="h3-responsive p-2 text-center">Change
Your Password</h3>
            </div>
            <div class="card-body">
                <div class="container-fluid">
                    <form class="p-3 grey-text" method="post"
action="" enctype="multipart/form-data">
                        <div class="md-form form-sm"> <i
class="fa fa-lock prefix"></i>
                        <input type="password" id="password"
class="form-control form-control-sm" name="current" required>
                        <label for="password">Current
Password</label>
                    </div>
                    <div class="md-form form-sm"> <i class="fa fa-lock
prefix"></i>
        <input type="password" id="password" class="form-control
form-control-sm" name="new" required>
```

```
<label for="password">New Password</label> </div>
                    <div class="md-form form-sm"> <i class="fa fa-lock
prefix"></i>
                        <input type="password" id="password"
class="form-control form-control-sm" name="confirm" required>
                        <label for="password">Confirm
Password</label>
                    </div>
                    <div class="text-center mt-4">
                        <button class="btn btn-default" type="submit"
name="update_password">Change Password <i class="fa fa-paper-
plane-o ml-1"></i></button>
        </div></form></div></div></div></div>
<?php
        $email = $_SESSION['email'];
        if(isset($_POST['update_password'])){
                $current_password = $_POST['current'];
                $new_password = $_POST['new'];
                $confirm_password = $_POST['confirm'];
                $sqlPass = "SELECT * FROM customers WHERE password
= '$current_password' AND email = '$email'";
                $runPass = $db->query($sqlPass);
                $checkPass = mysqli_num_rows($runPass);
                if($checkPass == 0){
                        echo "<script>alert('Your current password is
wrong')</script>";
                        exit();
                }
                if($confirm_password != $new_password){
                        echo "<script>alert('Your password does not
match')</script>";
                        exit();
```

```
            }
            else{
                $updatePassword = "UPDATE customers SET
password = '$new_password' WHERE email = '$email'";
                $runUpdate = $db->query($updatePassword);
                echo "<script>alert('Your password has been updated
successfully!')</script>";
                echo
"<script>window.open('myaccount.php','_self')</script>";
            }
        }
?>
```

Edit Student Account :

```
<?php
        include('core/init.php');
?>
<?php
        $email = $_SESSION['email'];
        $sql = "SELECT * FROM customers WHERE email = '$email'";
    $result = $db->query($sql);
    while ($row_pro = mysqli_fetch_array($result)) {
        $cus_id = $row_pro['id'];
        $cus_name = $row_pro['fullname'];
        $cus_email = $row_pro['email'];
        $cus_address1 = $row_pro['address1'];
        $cus_address2 = $row_pro['address2'];
        $cus_city = $row_pro['city'];
        $cus_state = $row_pro['state'];
        $cus_zipcode = $row_pro['zipcode'];
        $cus_phone = $row_pro['phone'];
        $cus_country = $row_pro['country'];
```

```
   }
?>
<div class="container-fluid p-2">
        <div class="card">
                <div class="card-header">
                        <h3 class="h3-responsive p-2 text-center">Edit
Account</h3>
                </div>
                <div class="card-body">
                        <div class="container-fluid">
                                <form class="p-3 grey-text" method="post"
action="" enctype="multipart/form-data">
                                        <div class="row">
                                                <div class="col-md-6">
                                                        <div class="md-form form-sm">
<i class="fa fa-user prefix"></i>
                                                          <input type="text" id="fullname"
class="form-control form-control-sm" name="fullname" value="<?php
echo $cus_name;?>">
                                                          <label for="fullname">Full
Name</label>
                                                </div>
                                                <div class="md-form form-sm"> <i
class="fa fa-envelope prefix"></i>
                                                          <input type="email" id="email"
class="form-control form-control-sm" name="email" value="<?php
echo $cus_email;?>">
                                                          <label for="email">Email</label>
                                                </div>
                                                <div class="md-form form-sm"> <i
class="fa fa-map prefix"></i>
```

```
                                    <input type="text" id="address1"
class="form-control form-control-sm" name="address1" value="<?php
echo $cus_address1;?>">
                                    <label for="address1">Address1</label>
                                </div>
                                        <div class="md-form form-sm">
<i class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="address2"
class="form-control form-control-sm" name="address2" value="<?php
echo $cus_address2;?>">
                                    <label for="address2">Address2</label>
                                </div>
                                    </div>
                                    <div class="col-md-6">
                                <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="city"
class="form-control form-control-sm" name="city" value="<?php echo
$cus_city;?>">
                                    <label for="city">City</label>
                                </div>
                                <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="state"
class="form-control form-control-sm" name="state" value="<?php
echo $cus_state;?>">
                                    <label for="state">State</label>
                                </div>
                                <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
```

```
                                    <input type="text" id="zipcode"
class="form-control form-control-sm" name="zipcode" value="<?php
echo $cus_zipcode;?>">
                                    <label for="zipcode">Zipcode</label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-phone prefix"></i>
                                    <input type="text" id="phone"
class="form-control form-control-sm" name="phone" value="<?php
echo $cus_phone;?>">
                                    <label for="phone">Phone</label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="country"
class="form-control form-control-sm" name="country" value="India">
                                    <label for="country">Country</label>
                                   </div>
                                       </div>
                                       <div class="text-center mt-4">
                                  <button class="btn btn-default"
type="submit" name="update">Update <i class="fa fa-paper-plane-o
ml-1"></i></button>
                              </div>
                                   </div></form></div></div></div></div>
<?php
      if(isset($_POST['update'])){
            $customer_id = $cus_id;
            $fullname = $_POST['fullname'];
            $email = $_POST['email'];
            $address1 = $_POST['address1'];
            $address2 = $_POST['address2'];
```

```
            $city = $_POST['city'];
            $state = $_POST['state'];
            $zipcode = $_POST['zipcode'];
            $phone = $_POST['phone'];
            $country = $_POST['country'];

            $updateCus = "UPDATE customers SET fullname =
'$fullname', email = '$email', address1 = '$address1', address2 =
'$address2', city = '$city', state = '$state', zipcode = '$zipcode', phone =
'$phone', country = '$country' WHERE id = '$customer_id'";
            $run_query = $db->query($updateCus);
            if($run_query){
                  echo "<script>alert('Your account has been successfully
updated')</script>";
                  echo
"<script>window.open('myaccount.php','_self')</script>";
            } } ?>
```

Delete Account:

```
<?php
      include('core/init.php');
?>
<div class="container-fluid p-2">
      <div class="card">
            <div class="card-header">
                  <h3 class="h3-responsive p-2 text-center">Delete
Account?</h3>
            </div>
            <div class="card-body">
                  <div class="container-fluid">
                        <div class="">
```

```
                                <p class="lead text-center">You won't be
able to reap the benefits of offers and discounts on our products
anymore. Do you really want to delete your account
                                </div>
                                <form class="p-3 grey-text" method="post"
action="" enctype="multipart/form-data">
                                    <div class="text-center mt-4 float-left">
                                <button class="btn btn-danger" type="submit"
name="yes" style="background: #607d8b">Yes, I do</button>
                                </div>
                                <div class="text-center mt-4 float-right">
                                 <button class="btn btn-success" type="submit"
name="no" style="background: #607d8b">No, I don't</button>
  </div></form></div></div></div></div>
<?php
        $email = $_SESSION['email'];
        if(isset($_POST['yes'])){
                $ip = getIp();
                $delete_customer = "DELETE FROM customers WHERE
email = '$email'";
                $run_delete = $db->query($delete_customer);
                echo "<script>alert('Your account has been deleted
successfully!')</script>";
                echo "<script>window.open('index.php', '_self')</script>";
        }
        if(isset($_POST['no'])){
                echo "<script>alert('We are glad you are with
us!')</script>";
                echo "<script>window.open('myaccount.php',
'_self')</script>";
        }
?>
```

Employer Registration:

```
<?php
 session_start();
 require_once '../core/init.php';
 include('includes/header.php');
?>
<body background="imgg.jpg">
<h2 class="text-center">Employer Registration</h2>
<div class="container-fluid p-2">
        <div class="card">
                <div class="card-header">
                        <h3 class="h3-responsive p-2 text-center">Registration
Form</h3>
                </div>
                <div class="card-body">
                        <div class="container-fluid">
                                <form class="p-3 grey-text" method="post"
action="register.php">
                                        <div class="row">
                                                <div class="col-md-6">
                                                        <div class="md-form form-sm">
<i class="fa fa-user prefix"></i>
                                                <input type="text"
id="nameOfCompany" class="form-control form-control-sm"
name="nameOfCompany">
                                                <label
for="nameOfCompany">Company Name</label>
                                        </div>
                                        <div class="md-form form-sm"> <i
class="fa fa-user prefix"></i>
```

```
                                    <input type="text" id="aboutCompany"
class="form-control form-control-sm" name="aboutCompany">
                                    <label for="aboutCompany">About
Company</label>
                                </div>
                                <div class="md-form form-sm"> <i
class="fa fa-envelope prefix"></i>
                                    <input type="email" id="email"
class="form-control form-control-sm" name="email">
                                    <label for="email">Email</label>
                                </div>
                                <div class="md-form form-sm"> <i
class="fas fa-lock prefix"></i>
                                    <input type="password" id="password"
class="form-control form-control-sm" name="password">
                                    <label for="password">Password</label>
                                </div>
                                <div class="md-form form-sm"> <i
class="fas fa-map prefix"></i>
                                    <input type="text" id="address1"
class="form-control form-control-sm" name="address1">
                                    <label for="address1">Address1</label>
</div>
                                        <div class="md-form form-sm">
<i class="fas fa-map-marker-alt prefix"></i>
                                    <input type="text" id="address2"
class="form-control form-control-sm" name="address2">
                                    <label for="address2">Address2</label>
                                </div>
                            </div>
                            <div class="col-md-6">
```

```
                                    <div class="md-form form-sm"> <i
class="fas fa-map-marker-alt prefix"></i>
                                      <input type="text" id="city"
class="form-control form-control-sm" name="city">
                                      <label for="city">City</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fas fa-map-marker-alt prefix"></i>
                                      <input type="text" id="state"
class="form-control form-control-sm" name="state">
                                      <label for="state">State</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fas fa-map-marker-alt prefix"></i>
                                      <input type="text" id="zipcode"
class="form-control form-control-sm" name="zipcode">
                                      <label for="zipcode">Zipcode</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fas fa-phone prefix"></i>
                                      <input type="text" id="phone"
class="form-control form-control-sm" name="phone">
                                      <label for="phone">Phone</label>
                                    </div>
                                    <div class="md-form form-sm"> <i
class="fas fa-map-marker-alt prefix"></i>
                                      <input type="text" id="country"
class="form-control form-control-sm" name="country" value="India">
                                      <label for="country">Country</label>
                                    </div>
                                        </div>
                                        <div class="text-center mt-4">
```

```
                                <button class="btn btn-default"
type="submit" name="submit">Submit <i class="fa fa-paper-plane-o
ml-1"></i></button></div> </div></form></div></div></div></div>

<?php
        if(isset($_POST['submit'])){
                $ip = getIp();
                $nameOfCompany = sanitize($_POST['nameOfCompany']);
                $aboutCompany = sanitize($_POST['aboutCompany']);
                $email = sanitize($_POST['email']);
                $password = sanitize($_POST['password']);
                $address1 = sanitize($_POST['address1']);
                $address2 = sanitize($_POST['address2']);
                $city = sanitize($_POST['city']);
                $state = sanitize($_POST['state']);
                $zipcode = sanitize($_POST['zipcode']);
                $phone = sanitize($_POST['phone']);
                $country = sanitize($_POST['country']);

                $insertEmp = "INSERT INTO employer
(ip,nameOfCompany,aboutCompany,email,password,address1,address2,
city,state,zipcode,phone,country) VALUES
('$ip','$nameOfCompany','$aboutCompany','$email','$password','$addr
ess1','$address2','$city','$state','$zipcode','$phone','$country')";
                $db->query($insertEmp);
                if($db){
                        $_SESSION['email'] = $email;
                        echo "<script>alert('Account has been created
successfully')</script>";
                        echo
"<script>window.open('index.php','_self')</script>";
                }else{
```

```
                    $_SESSION['email'] = $email;
echo "<script>alert('Account has been created successfully')</script>";
        echo "<script>window.open('index.php','_self')</script>";
            }}?><?php include 'includes/footer.php';?>

Employer Login:
<?php
        session_start();
        include 'includes/header.php';
        include '../core/init.php';
?>
<body background="imgg.jpg">
<div id="about" class="view" style="height: 50%;background:
url('imgg.jpg')no-repeat center center fixed;
   -webkit-background-size: cover;
   -moz-background-size: cover;
   -o-background-size: cover;
   background-size: cover;
   padding:">
        <div class="mask rgba-black-strong">
            <div class="container-fluid d-flex align-items-center justify-
content-center h-100">
                <div class="row d-flex justify-content-center text-
center">
                    <div class="col-md-10">
                    <a href=""><img src="../img/Logo.png"
class="img-fluid" style="width: 400px;"></a>
                    <hr class="hr-light">
                    <h4 class="white-text my-4 h1-responsive"
style="font-family: 'Cookie', cursive;">Admin Login</h4>
                    </div></div></div></div></div>
<div class="container p-3"><br>
```

```
        <div class="card">
            <div class="card-header">
                <h3 class="p-2 h3-responsive">Login here!</h3>
            </div>
            <form action="" method="post">
                <div class="card-body">
                    <div class="md-form form-sm">
                        <input type="text" id="email" class="form-
control form-control-sm" name="email" required>
                        <label for="email">Email</label>
                    </div>
                    <div class="md-form form-sm">
                        <input type="password" id="password"
class="form-control form-control-sm" name="password" required>
                        <label for="password">Password</label>
                    </div>
                    <div class="p-3">
                        <div class="float-right">
                            <p class="">Don't have an account?
<a href="register.php">Register now</a></p>
                        </div>
                    </div>
                </div>
                <div class="card-footer">
                    <div class="float-right">
                        <button type="submit" name="login"
class="btn btn-black" style="border-radius: 10em;background:
#1c2a48">Login</button>
                    </div>
                </div>
            </form>
            <?php
```

```
                if(isset($_POST['login'])){
                        $email = $_POST['email'];
                        $password = $_POST['password'];

                        $sql = "SELECT * FROM employer WHERE
password = '$password' AND email = '$email'";
                        $runSql = $db->query($sql);
                        $check_user = mysqli_num_rows($runSql);
                        if($check_user == 0){
                                echo "<script>alert('Your password or
email is incorrect, please try again!')</script>";
                                exit();
                        }
                        if($_SESSION['email'] = $email){
                                echo "<script>alert('You logged in
successfully!')</script>";
                                echo
"<script>window.open('index.php','_self')</script>";
                        }
                        // $ip = getIp();
                        // $sel_cart = "SELECT * FROM cart WHERE
ip_add = '$ip'";
                        // $run_cart = $db->query($sel_cart);
                        // $check_cart = mysqli_num_rows($run_cart);
                        // if($check_customer > 0 AND $check_cart == 0){
                        //      $_SESSION['email'] = $email;
                        //      echo "<script>alert('You logged in
successfully!')</script>";
                        //      echo
"<script>window.open('myaccount.php','_self')</script>";
                        // }else{
                        //      $_SESSION['email'] = $email;
```

```
                        //      echo "<script>alert('You logged in
successfully!')</script>";
        </div></div><br><br><?php
        include 'includes/footer.php';
?>
```

Employer Logout:

```
<?php
        session_start();
        session_destroy();
        echo "<script>window.open('index.php','_self')</script>";
?>
<?php include 'includes/header.php'; ?>
<?php include 'includes/footer.php';?>
```

Employer Account:

```
<!DOCTYPE html>
<?php
        session_start();
        include 'includes/functions.php';
?>
<?php
  $email = $_SESSION['email'];
  $sql = "SELECT * FROM employer WHERE email = '$email'";
    $result = $db->query($sql);
    while ($row_pro = mysqli_fetch_array($result)) {
        $emp_id = $row_pro['id'];
        $emp_name = $row_pro['nameOfCompany'];
        $emp_about = $row_pro['aboutCompany'];
        $emp_email = $row_pro['email'];
        $emp_address1 = $row_pro['address1'];
        $emp_address2 = $row_pro['address2'];
```

```
        $emp_city = $row_pro['city'];
        $emp_state = $row_pro['state'];
        $emp_zipcode = $row_pro['zipcode'];
        $emp_phone = $row_pro['phone'];
        $emp_country = $row_pro['country'];
    }
?>

<?php
        if(!isset($_SESSION['email'])){
     echo "<script>window.open('login.php','_self')</script>";
    }else{
       echo "<script>window.open('','_self')</script>";
    }
?>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
  <meta http-equiv="x-ua-compatible" content="ie=edge">
  <title>Internship Backend</title>
  <!-- Font Awesome -->
  <link rel="stylesheet"
href="https://use.fontawesome.com/releases/v5.8.2/css/all.css">
  <!-- Bootstrap core CSS -->
  <link href="../css/bootstrap.min.css" rel="stylesheet">
  <!-- Material Design Bootstrap -->
  <link href="../css/mdb.min.css" rel="stylesheet">
  <!-- Your emptom styles (optional) -->
  <link href="../css/style.css" rel="stylesheet">
</head>
```

```
<body>

<nav class="mb-1 navbar navbar-expand-lg navbar-dark default-color">
  <a class="navbar-brand" href="index.php"><?=$emp_name;?></a>
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent-333"
    aria-controls="navbarSupportedContent-333" aria-expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarSupportedContent-333">
    <ul class="navbar-nav mr-auto">
      <li class="nav-item">
        <a class="nav-link" href="myaccount.php?edit_account">Edit Account</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="myaccount.php?change_password">Change Password</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="myaccount.php?delete_account">Delete Account</a>
      </li>
    </ul>
  </div>
</nav>

  <?php
    if (!isset($_GET['edit_account'])) {
```

```
    if(!isset($_GET['change_password'])){
     if(!isset($_GET['delete_account'])){
       echo
       "<div class='card'>
          <div class='card-header'>
            <h3 class='h3-responsive p-2'>Hello $emp_name</h3>
          </div>
          <div class='card-body table-responsive'>
            <table class='table table-striped table-condensed'
style='display: table'>

              <tr>
                <th><b>Company Name: </b></th>
                <td>$emp_name</td>
              </tr>
              <tr>
                <th><b>About Company: </b></th>
                <td>$emp_about</td>
              </tr>
              <tr>
                <th><b>Phone: </b></th>
                <td>$emp_phone</td>
              </tr>
              <tr>
                <th><b>Email: </b></th>
                <td>$emp_email</td>
              </tr>
              <tr>
                <th><b>Address: </b></th>
                <td>$emp_address1,  $emp_address2</td>
              </tr>
              <tr>
```

```
                <th><b>City: </b></th>
                <td>$emp_city</td>
              </tr>
              <tr>
                <th><b>State: </b></th>
                <td>$emp_state</td>
              </tr>
              <tr>
                <th><b>Zipcode: </b></th>
                <td>$emp_zipcode</td>
              </tr>
            </table>
          </div>
        </div>
      ";
    }
  }
}
?>
<?php
  if(isset($_GET['edit_account'])){
    include 'details/edit_account.php';
  }
  if(isset($_GET['change_password'])){
    include 'details/change_password.php';
  }
  if(isset($_GET['delete_account'])){
    include 'details/delete_account.php';
  }
?>

</body>
```

```
</html>

Change password:
<?php
	include('../core/init.php');
?>
<div class="container-fluid p-2">
	<div class="card">
		<div class="card-header">
			<h3 class="h3-responsive p-2 text-center">Change Your Password</h3>
		</div>
		<div class="card-body">
			<div class="container-fluid">
				<form class="p-3 grey-text" method="post" action="" enctype="multipart/form-data">
					<div class="md-form form-sm"> <i class="fa fa-lock prefix"></i>
					<input type="password" id="password" class="form-control form-control-sm" name="current" required>
					<label for="password">Current Password</label>
				</div>
				<div class="md-form form-sm"> <i class="fa fa-lock prefix"></i>
					<input type="password" id="password" class="form-control form-control-sm" name="new" required>
					<label for="password">New Password</label>
				</div>
				<div class="md-form form-sm"> <i class="fa fa-lock prefix"></i>
```

```
                        <input type="password" id="password"
class="form-control form-control-sm" name="confirm" required>
                        <label for="password">Confirm
Password</label>
                    </div>
                    <div class="text-center mt-4">
                        <button class="btn btn-default" type="submit"
name="update_password">Change Password <i class="fa fa-paper-
plane-o ml-1"></i></button>
                        </div>
                        </form>
                </div>
            </div>
        </div>
</div>
<?php

        $email = $_SESSION['email'];
        if(isset($_POST['update_password'])){

            $current_password = $_POST['current'];
            $new_password = $_POST['new'];
            $confirm_password = $_POST['confirm'];

            $sqlPass = "SELECT * FROM employer WHERE password
= '$current_password' AND email = '$email'";
            $runPass = $db->query($sqlPass);
            $checkPass = mysqli_num_rows($runPass);
            if($checkPass == 0){
                echo "<script>alert('Your current password is
wrong')</script>";
                exit();
```

```
            }
            if($confirm_password != $new_password){
                echo "<script>alert('Your password does not
match')</script>";
                exit();
            }

            else{
                $updatePassword = "UPDATE employer SET password
= '$new_password' WHERE email = '$email'";
                $runUpdate = $db->query($updatePassword);
                echo "<script>alert('Your password has been updated
successfully!')</script>";
                echo
"<script>window.open('myaccount.php','_self')</script>";
            }
        }
?>
```

Edit Account:

```
<?php
        include('../core/init.php');
?>

<?php
        $email = $_SESSION['email'];
        $sql = "SELECT * FROM employer WHERE email = '$email'";
    $result = $db->query($sql);
    while ($row_pro = mysqli_fetch_array($result)) {
        $emp_id = $row_pro['id'];
        $emp_name = $row_pro['nameOfCompany'];
        $emp_about = $row_pro['aboutCompany'];
```

```
        $emp_email = $row_pro['email'];
        $emp_address1 = $row_pro['address1'];
        $emp_address2 = $row_pro['address2'];
        $emp_city = $row_pro['city'];
        $emp_state = $row_pro['state'];
        $emp_zipcode = $row_pro['zipcode'];
        $emp_phone = $row_pro['phone'];
        $emp_country = $row_pro['country'];
    }
?>

<div class="container-fluid p-2">
        <div class="card">
                <div class="card-header">
                        <h3 class="h3-responsive p-2 text-center">Edit
Account</h3>
                </div>
                <div class="card-body">
                        <div class="container-fluid">
                                <form class="p-3 grey-text" method="post"
action="" enctype="multipart/form-data">
                                        <div class="row">
                                                <div class="col-md-6">
                                                        <div class="md-form form-sm">
<i class="fa fa-user prefix"></i>
                                                                <input type="text"
id="nameOfCompany" class="form-control form-control-sm"
name="nameOfCompany" value="<?php echo $emp_name;?>">
                                                                <label for="nameOfCompany"></label>
                                                        </div>
                                                        <div class="md-form form-sm"> <i
class="fa fa-user prefix"></i>
```

```
                                    <input type="text" id="aboutCompany"
class="form-control form-control-sm" name="aboutCompany"
value="<?php echo $emp_about;?>">
                                    <label for="aboutCompany"></label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-envelope prefix"></i>
                                    <input type="email" id="email"
class="form-control form-control-sm" name="email" value="<?php
echo $emp_email;?>">
                                    <label for="email"></label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-map prefix"></i>
                                    <input type="text" id="address1"
class="form-control form-control-sm" name="address1" value="<?php
echo $emp_address1;?>">
                                    <label for="address1"></label>
                                   </div>
                                            <div class="md-form form-sm">
<i class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="address2"
class="form-control form-control-sm" name="address2" value="<?php
echo $emp_address2;?>">
                                    <label for="address2"></label>
                                   </div>
                                       </div>
                                       <div class="col-md-6">
                                   <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
```

```
                                    <input type="text" id="city"
class="form-control form-control-sm" name="city" value="<?php echo
$emp_city;?>">
                                    <label for="city"> </label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="state"
class="form-control form-control-sm" name="state" value="<?php
echo $emp_state;?>">
                                    <label for="state"> </label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="zipcode"
class="form-control form-control-sm" name="zipcode" value="<?php
echo $emp_zipcode;?>">
                                    <label for="zipcode"> </label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-phone prefix"></i>
                                    <input type="text" id="phone"
class="form-control form-control-sm" name="phone" value="<?php
echo $emp_phone;?>">
                                    <label for="phone"> </label>
                                   </div>
                                   <div class="md-form form-sm"> <i
class="fa fa-map-marker prefix"></i>
                                    <input type="text" id="country"
class="form-control form-control-sm" name="country" value="India">
                                    <label for="country"> </label>
                                   </div>
```

```
                                        </div>
                                        <div class="text-center mt-4">
                                    <button class="btn btn-default"
type="submit" name="update">Update <i class="fa fa-paper-plane-o
ml-1"></i></button>
                                </div>
                                    </div>
                                </form>
                            </div>
                        </div>
                    </div>
                </div>
                <?php
                    if(isset($_POST['update'])){

                        $empp_id =$emp_id;
                    $empp_name = $_POST['nameOfCompany'];
                    $empp_about = $_POST['aboutCompany'];
                    $empp_email = $_POST['email'];
                    $empp_address1 = $_POST['address1'];
                    $empp_address2 = $_POST['address2'];
                    $empp_city = $_POST['city'];
                    $empp_state = $_POST['state'];
                    $empp_zipcode = $_POST['zipcode'];
                    $empp_phone = $_POST['phone'];
                    $empp_country = $_POST['country'];

                        $updateemp = "UPDATE employer SET nameOfCompany=
'$empp_name',aboutCompany='$empp_about',email = '$empp_email',
address1 = '$empp_address1', address2 = '$empp_address2', city =
'$empp_city', state = '$empp_state', zipcode = '$empp_zipcode', phone =
'$empp_phone', country = '$empp_country' WHERE id = '$empp_id'";
```

```
            $run_query = $db->query($updateemp);
            if($run_query){
                  echo "<script>alert('Your account has been successfully
updated')</script>";
                  echo
"<script>window.open('myaccount.php','_self')</script>";
            } }?>
Delete Account:
<?php
      include('../core/init.php');
?>
<div class="container-fluid p-2">
      <div class="card">
            <div class="card-header">
                  <h3 class="h3-responsive p-2 text-center">Delete
Account?</h3>
            </div>
            <div class="card-body">
                  <div class="container-fluid">
                        <div class="">
                              <p class="lead text-center">You won't be
able to reap the benefits of offers and discounts on our products
anymore. Do you really want to delete your account
                        </div>
                        <form class="p-3 grey-text" method="post"
action="" enctype="multipart/form-data">
                              <div class="text-center mt-4 float-left">
                        <button class="btn btn-danger" type="submit"
name="yes" style="background: #607d8b">Yes, I do</button>
                     </div>
                     <div class="text-center mt-4 float-right">
```

```
                        <button class="btn btn-success" type="submit"
name="no" style="background: #607d8b">No, I don't</button>
                    </div>
                     </form>
                </div>
            </div>
        </div>
</div>
<?php
        $email = $_SESSION['email'];
        if(isset($_POST['yes'])){
            $ip = getIp();
            $delete_employer = "DELETE FROM employer WHERE
email = '$email'";
            $run_delete = $db->query($delete_employer);
            echo "<script>alert('Your account has been deleted
successfully!')</script>";
            echo "<script>window.open('index.php', '_self')</script>";
        }
        if(isset($_POST['no'])){
            echo "<script>alert('We are glad you are with
us!')</script>";
            echo "<script>window.open('myaccount.php',
'_self')</script>";
        }?>
```

Project work on

"MOVIE TICKET BOOKING SYSTEM "

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

Forthe Partial Fulfillment of the requirement for the award of degreein

Bachelor of Computer Science

Submitted by

1. Aruneshwari. K	19AUCS04
2. Buela. A	19AUCS08
3. Raja Dharshini. T	19AUCS35
4. Rama Lakshmi. A	19AUCS37
5. Sinthuja. A	19AUCS44

Under the Supervision and Guidance of

Ms. J. Anila Maily M.Sc.,M.Phil.

BONAFIDE CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

ST. MARY'S COLLEGE(AUTONOMOUS)

THOOTHUKUDI

This is to certify that the project report entitled "MOVIE TICKET BOOKING SYSTEM" is the work done by

1. Aruneshwari. K	19AUCS04
2. Buela. A	19AUCS08
3. Raja Dharshini. T	19AUCS35
4. Rama Lakshmi. A	19AUCS37
5. Sinthuja. A	19AUCS44

In the partial fulfillment of the requirements for the award of degree in BACHELOR OF COMPUTER SCIENCE during the year 2021-2022.

J. Amirtharaj
Guide

S Gnanasoundari
Head of the Department

Submitted for the examination held on 23.05.22

23/05/22
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.M.Jothimani B.E. M.Sc. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.AnilaMaily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil., Ms. Andrews FelicittaM.Sc. MBA.,J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

CONTENTS

CONTENTS

S. No.	TITLE	PAGE No.
1	**INTRODUCTION** 1.1 Project Overview 1.2 Objective	 2
2	**SYSTEM ANALYSIS** 2.1 Existing System 2.2 Proposed System	 4 5
3	**SYSTEM REQUIREMENTS** 3.1 Hardware Requirements 3.2 Software Requirements	 8
4	**SYSTEM OVERVIEW** 4.1 Module Description 4.2 Software Description	 10 12
5	**SYSTEM DESIGN** 5.1 Dataflow Diagram 5.2 Database Design 5.3 Input Design 5.4 Output Design	 20 23 23 24
6	**SYSTEM TESTING AND IMPLEMENTATION** 6.1 System Testing 6.2 System Implementation 6.3 System Maintenance	 26 28 29
7	**CONCLUSION**	30
8	**FUTURE ENHANCEMENT**	32
9	**BIBLIOGRAPHY**	34
10	**APPENDIX** A. Sample Code B. Screenshots	 37 71

MOVIE SEAT BOOKING SYSTEM

INTRODUCTION

1.INTRODUCTION

1.1 PROJECT OVERVIEW:

ONLINE MOVIE TICKET BOOKING SYSTEM is a web portal where we can book tickets in advance, know our movie show timing, watch movie trailer and read upcoming movie news. The objective of this Booking System is to provide the facility of booking movie tickets online. Customer can view timing of movie shows and book the show as per the availability. This Booking System is based on PHP/MySQL.

Users can easily book for Shows with dynamic seat selection and view all the available shows. It helps customer to book their ticket in online mode and their respective description with an ease to use user interface design. Users can easily book for Shows, change time, delete order and view all the shows available.

It is basically made for providing the customers an anytime and anywhere service for booking cinema tickets and providing information about the movies and their schedule online. Admin can use Online Movie Ticket Booking System to insert and delete data such as movie description, movie news, theatre details.

Online Movie Ticket Booking System provide another way for the customers to buy cinema ticket. This system reduces work load on customers, it is an automatic ticket booking system. It is basically aimed to provide complete information of the movie and schedule to the customer, according to which the user can book the tickets.

1.2 OBJECTIVE:

The main aim of this MOVIE TICKET BOOKING SYSTEM is an online booking tickets for various movies in Registered theatres by the users.

.

SYSTEM ANALYSIS

3

2. SYSTEM ANALYSIS:

System analysis is the process or examining an existing system of methodology with intent of improving it through better procedure and methods.

Before planning for improvement, complete understanding about the system is essential

2.1 EXISTING SYSTEM:

Although there are many different types of Movie ticket booking systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many movie ticket booking applications have easy user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES OF EXISTING SYSTEM:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time consuming.
- platform dependent.

2.2 PROPOSED SYSTEM:

This project will provide an end to end solution for easy to use movie seat booking system. The **ONLINE MOVIE SEAT BOOKING SYSTEM** enables the customer to book tickets for movies with desirable seats in desired theatre, that are chosen by themselves. Using the data from the users, database values are generated. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy User Interface.

This project contains three modules,

1. **Users**
2. **Admin**
3. **Theatre**

1. Users:

In this module, users can see the showing movies and upcoming movies details, watch trailers, ticket and seat booking of theatre and Registering as members.

2. Admin:

In this module administrator has to register the theatres assign movies to theatres, and handle registered users.

3. Theatre:

In this, details about booked tickets, shows, show timings, screens and theatre details are handled.

ADVANTAGES OF PROPOSED SYSTEM:

- Quick to do
- No need to travel anywhere (to book the tickets)
- Real time process (If we book a seat, it will automatically update it so no one else can take that seat.)
- Could be cheaper
- Can access more information and find other movie deals online.

DISADVANTAGES OF PROPOSED SYSTEM:

- Need internet and PC experience
- Might need a credit card or some other form of payment.
- Viruses or Trojans online that steal your information
- If the website is down, you won't be able to book it online.

SYSTEM REQUIREMENTS

3.SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS:

Processor Speed : Intel® Pentium® CPU A1018 @ 2.10 GHz

Ram : 4.00 GB

HDD/SSD : 100GB & above

3.2 SOFTWARE REQUIREMENTS:

Front End : HTML, CSS, Bootstrap

Platform : Wamp Server

Back End : MYSQL, PHP

Operating System : Windows 7 & above

IDE : Visual Code Studio

SYSTEM OVERVIEW

4.SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION:

It is a web based online project. The main aim of the project is any user they can access the system through website at any time without going to the company. As a new user also we can collect all information like as a movies Available, list of theatres

1. User module
2. Admin module
3. Theatre module

1. User module:

The user can first Register in by entering the Personal details, and User login. The user collects all information like Movies details, Theatre Details, Movie show timings, movie news, and selecting seats for the desirable booking show.

2. Admin module:

The Admin handles the theatres, new movie news by editing and deleting, listing of movie news and various theatres, user details, adding movies and also delete movies from all theatres.

2. Theatre module:

The Theatre module handles the active theatre details, movies running on the theatre, show timings, shows of the day, booking for the screens, adding movies and cancelling of shows and screens in the theatre.

ADMIN DASHBOARD:

- Login, logout, forgot password, edit profile for admin
- Dashboard for admin:
- Manage movies
- Manage movie theatres
- Manage movie news
- Manage Users

USER DASHBOARD:

- User registration
- User login
- Userr booking
- User make payment
- Booked list
- Movie details
- Movie trailor
- Movie news

THEATER ASSISTENT DASHBOARD:

- Login
- Running movies
- Adding movie and managing
- Adding show and managing
- Available todays shows
- Handling of the bookings
- Viewings shows and Handling of shows and its status
- Theatre details
- Adding screen and show timings

4.2 SOFTWARE DESCRIPTION:

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

4.2.1 Front end:

Hyper Text Markup Language (HTML) :

HTML stands for Hyper Text Markup Language. Hypertext is ordinary text that has been dressed up with extra features, such as formatting, images, multimedia, and links to other documents. Mark up is the process of taking ordinary text and adding extra symbols. Language is actually a key point to remember about HTML. HTML is a universal language for classifying the function of different sections of a document. It is neither a page-layout language nor a printing language. This allows documents to be displayed on many different kinds of platforms. HTML is flexible to work on the website with their variety of commands.

As a formatting language, HTML utilizes SGML (Standard General Markup Language) and Document Type Declarations (DTD). SGML document has three main parts. The first part defines the character set to be used and tells which character is that set distinguishes text for markup tags. Markup tags specify how the viewer application or browser should present the text to the user.

The second part specifies the document and states which markup tags are legal. The third part called the document instance contains the actual text and markup tags. Because there is no requirement that the three parts of an SGML document reside in the same physical file, we can concentrate on the document instance. The web pages created are document instances.

Platforms and Web Servers: PHP is supported on quite a few platforms, many of them UNIX-like and of course on Microsoft's operating systems supporting the Win32 environment. Since PHP cannot do much without a web server, when we talk of installing PHP on a platform, we also need to take into consideration the web server that we plan to use.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-

level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

4.2.2 Back-End:

PHP

PHP(acronym for: PHP Hypertext Preprocessor), is a server-side embedded scripting language. This means that it works within an HTML document to confer to it the capacity of generating content on demand. You can convert your site into a web application, not just a collection of static pages with information that may not get updated quite so often, which may be alright for a "personal" web site. PHP is the widely-used, free, and efficient alternative to competitors such as Microsoft's ASP. PHP is perfectly suited for Web development and can be embedded directly into the HTML code. The PHP syntax is very similar to Perl and C. PHP is often used together with Apache (web server) on various operating systems. It also supports ISAPI and can be used with Microsoft's IIS on Windows.

A PHP file may contain text, HTML tags and scripts. Scripts in a PHP file are executed on the server. Of course general scripting or programming languages like Perl, Python, etc. have also platform independence, and are open source. PHP was designed to work on the web, and in this ambit it excels connecting and querying a database is a simple task that can be handled in 2 or 3 lines of code.

The PHP scripting engine is well optimized for the response times needed on web applications it can even be part of the web server itself improving the throughput even more.

The PHP language features the usual complement of control structures, operators, variable types, function declarations and class/object declarations that we have been accustomed to expect from any compiled or interpreted language, and yet it also has features of its own. For example, in C you employ pointers, in other scripting languages this can be cumbersome or even not possible, but in PHP this is just one use of variable variables.

PHP comes with a myriad of options, both to build the distribution and also to configure an installation. PHP supports several APIs and interfaces to other programming tools .The sheer number of these tools is daunting, not to speak of the configuration possibilities for each of these. Before we get involved in the detail of installing PHP, it would be worthwhile to consider what we would expect to do with PHP in the near future. Depending on this we need to include only those particular modules that are germane to the kind of stuff we plan to do with the installation. Hypertext Preprocessor (PHP) is a widely used, general-purpose scripting language that was originally designed for web development to produce dynamic web pages. For this purpose, PHP code is embedded into the HTML source document and interpreted by a web server with a PHP processor module, which generates the web page document

PHP is available as a processor for most modern web servers and as standalone interpreter on most operating systems and computing platforms. PHP was originally created by Rasmus Lerdorf in 1995 and has been in continuous development ever since. The main implementation of PHP is now produced by The PHP Group and serves as the de facto standard for PHP as there is no formal specification. PHP is free software released under the PHP License, which is incompatible with the General Public License (GPL) because restrictions exist regarding the use of the term PHP.

Usage: PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create

dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on most web servers, many operating systems and platforms, and can be used with many relational database management systems. It is available free of charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use. PHP primarily acts as a filter, taking input from a file or stream containing text and/or PHP instructions and outputs another stream of data; most commonly the output will be HTML.

Since PHP 4, the PHP parser compiles input to produce byte code for processing by the Zend Engine, giving improved performance over its interpreter predecessor. Originally designed to create dynamic web pages, PHP now focuses mainly on server-side scripting, and it is similar to other server-side scripting languages that provide dynamic content from a web server to a client, such as Microsoft's Active Server Pages, Sun Microsystems' JavaServerPages, and mod_perl.

PHP has also attracted the development of many frameworks that provide building blocks and a design structure to promote rapid application development (RAD). Some of these include CakePHP, Symfony, CodeIgniter, and Zend Framework, offering features similar to other web application frameworks. The LAMP architecture has become popular in the web industry as a way of deploying web applications. PHP is commonly used as the P in this bundle alongside Linux, Apache and MySQL, although the P may also refer to Python or Perl or some combination of the three.

MY-SQL 4.0: MySQL is a full-featured relational database management system. It is very stable and has proven itself over time. MySQL has been in production for over 10 years. MySQL is a multithreaded server. Multithreaded means that every time someone establishes a connection with the server, the server program creates a thread or process to handle that client's requests. This makes for an extremely fast server. In effect, every client who connects to a MySQL server gets his or her own thread. Yet another feature of MySQL is its portability—it has been ported to almost every platform.

This means that you don't have to change your main platform to take advantage of MySQL. And if you do want to switch, there is probably a MySQL port for your new platform.

MySQL also has many different application programming interfaces (APIs). They include APIs for Perl, TCL, Python, C/C++, Java (JDBC), and ODBC. So no matter what your company's expertise is, MySQL has a way for you to access it. MySQL is also very cheap. For an unlicensed, full version of MySQL, the cost is nothing. To license your copy will currently cost you $200. This is an incredible deal, considering what you are getting for your money. Database systems that provide half the features that MySQL has can cost tens of thousands of dollars.

The MySQL Supported Type: MySQL has various data types that support different functions. A data type is the type of data a column will store. There can be many different data types inside a table, but each column will store its own

specific type of information. You can think of a data type as a kind of definition for a column. A column defined as an integer column will only hold numeric information, whereas a column defined as a CHAR (10) will hold up to 10 alphanumeric characters.

Numeric data can also be in hexadecimal format (2ee250cc), scientific notation (2X10^23), or a decimal. The second type is character or string format. This format can consist of letters and numbers, whole words, addresses, phone numbers, and generally anything you have to put quotations around. It consists of everything that doesn't quite fit into either of the other two categories. Some, like dates and times, could be alphanumeric but are stored like numbers. As well as data types, MySQL also provides column modifiers. These modifiers further help define a column's attributes.

They are AUTO_INCREMENT, UNSIGNED, PRIMARY KEY, NULL, NOT NULL, and BINARY. A more detailed discussion of column modifiers takes place following the coverage of the basic data types. MySQL runs on many platforms, and binaries are available for most of them. Binaries are the result of compiling the source code. This is by far the easiest way of acquiring MySQL. The alternative is downloading the source code for your platform and then compiling it. MySQL has many utilities to import as well as export data.

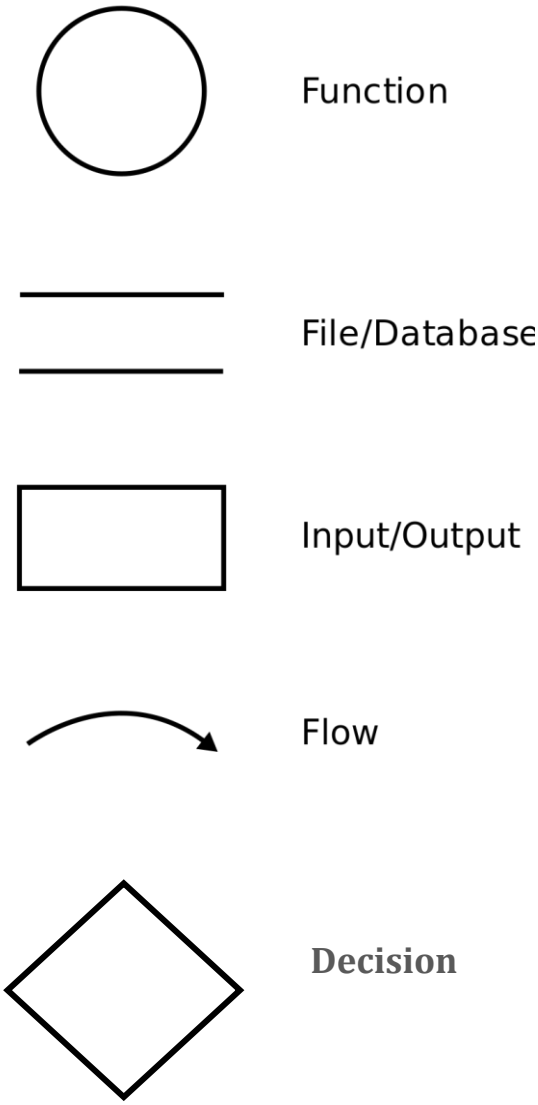
It shares some of the common options, but this utility does a little more. It takes the entire database and dumps it into a single text file. This file contains all the SQL commands needed to recreate your database. It takes the schema and converts it to the proper DDL syntax (CREATE statements), and it takes all the data and creates INSERT statements out of them. This utility reverse engineers your database.

SYSTEM DESIGN

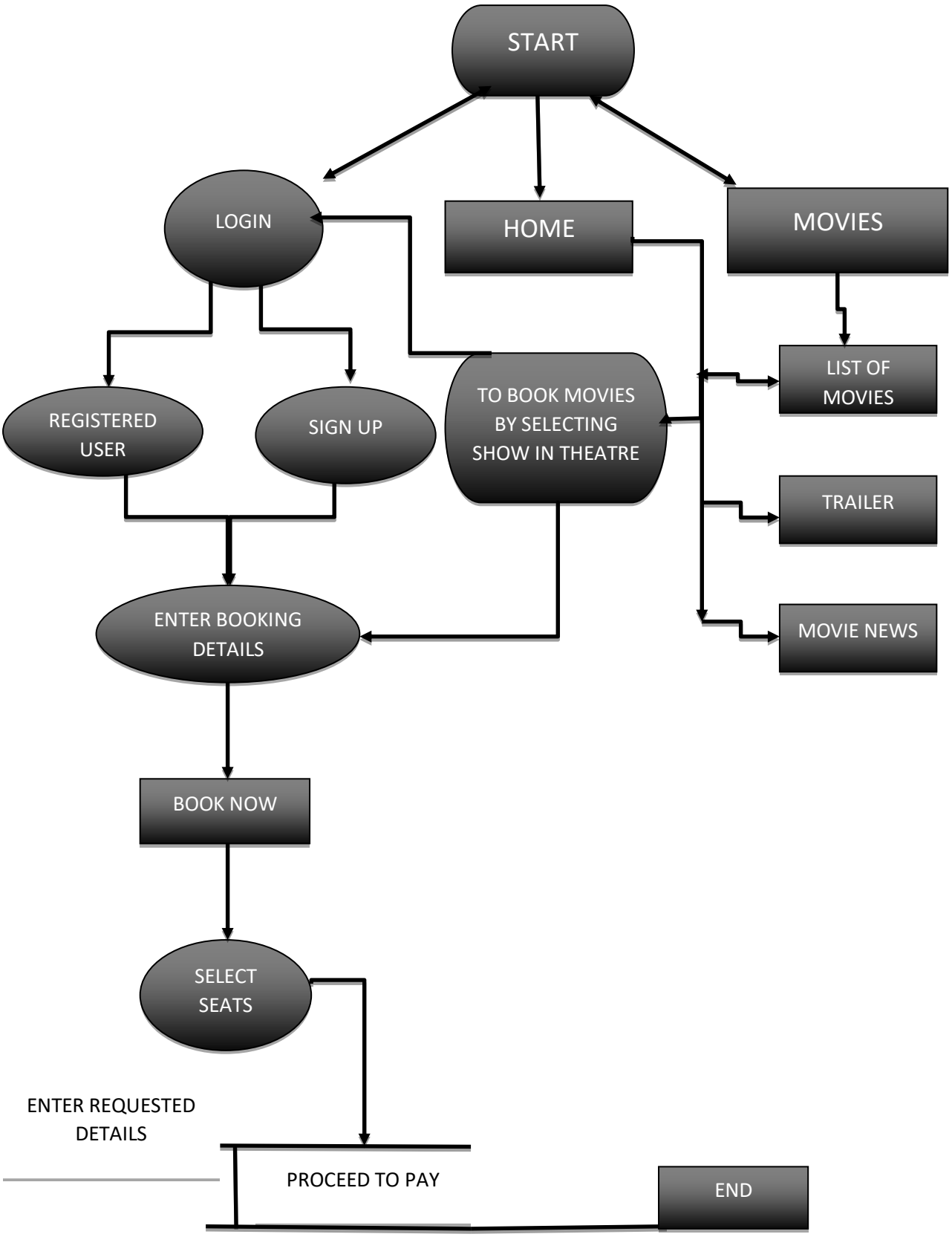
5. SYSTEM DESIGN

5.1 DATA FLOW DIAGRAM:

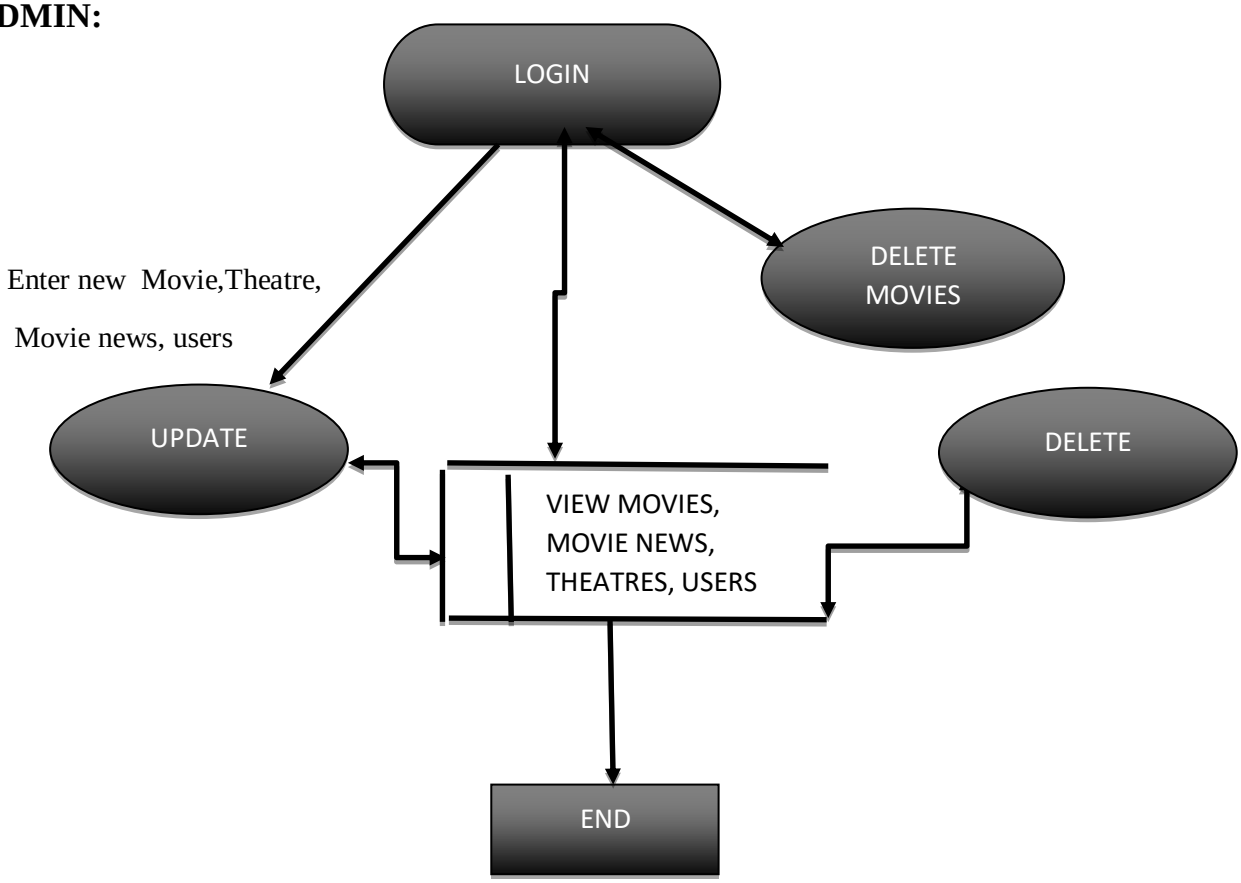
A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled. They can be used to analyze an existing system or model a new one. Like all the best diagrams and charts, a DFD can often visually "say" things that would be hard to explain in words, and they work for both technical and nontechnical audiences, from developer to CEO. That's why DFDs remain so popular after all these years. While they work well for data flow software and systems, they are less applicable nowadays to visualizing interactive, real-time or database-oriented software or systems.



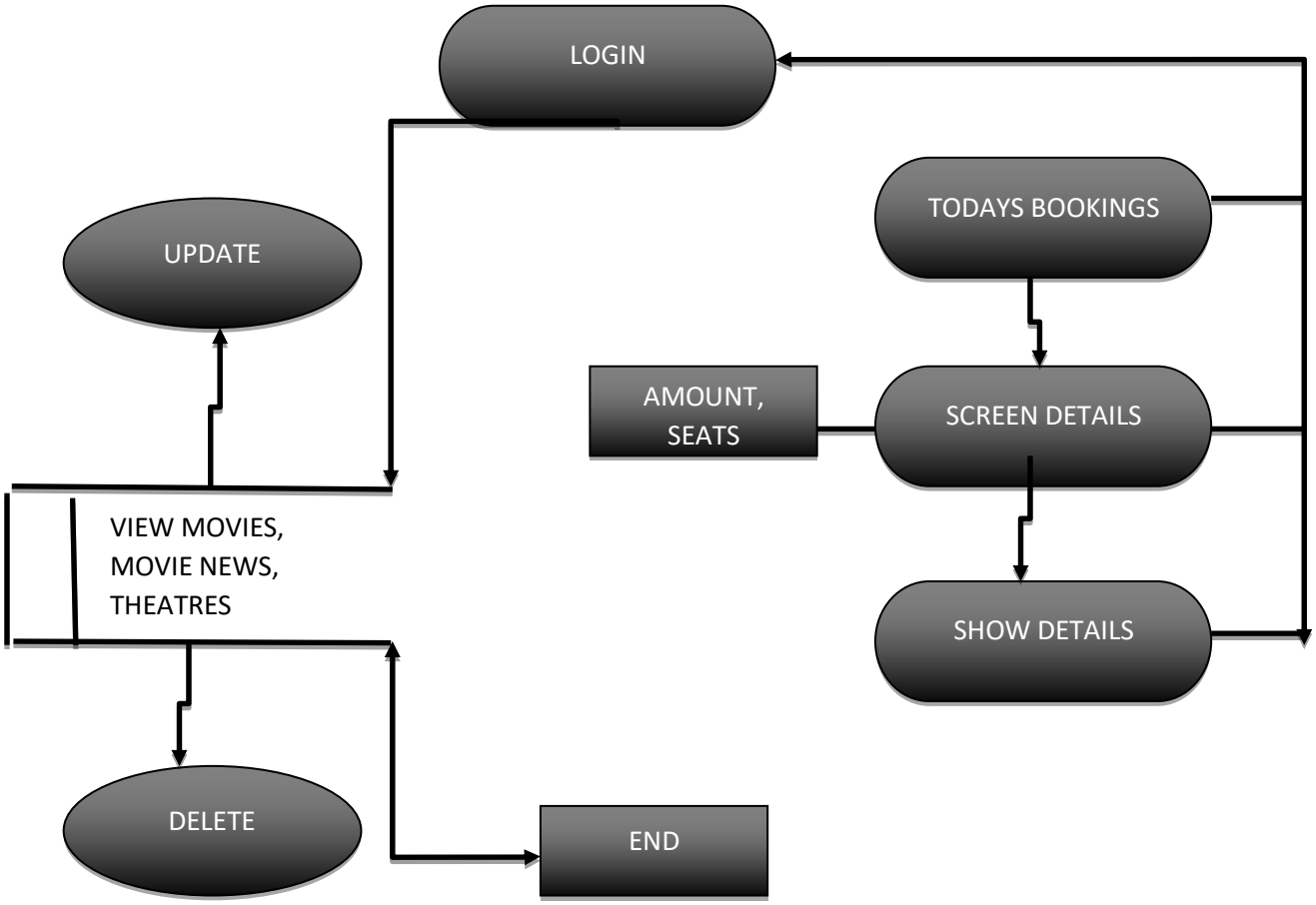
USER:


START
LOGIN
HOME
MOVIES
REGISTERED USER
SIGN UP
TO BOOK MOVIES BY SELECTING SHOW IN THEATRE
LIST OF MOVIES
TRAILER
MOVIE NEWS
ENTER BOOKING DETAILS
BOOK NOW
SELECT SEATS
ENTER REQUESTED DETAILS
PROCEED TO PAY
END

ADMIN:



THEATRE:



5.2 DATA BASE DESIGN:

Database is an integrated collection of data and provides a centralized access to the data and makes possible to treat data as a separate resource. Usually centralized data managing software is called a Relational Database Management System (RDBMS). The most significant different between RDBMS and other type of Data Management is the separation of data as seen by the program and data as store of on the direct access storage device. This is the difference between logical and physical data.

MYSQL is a programming language that is used by most relational database management systems (RDBMS) to manage data stored in tabular form (i.e. tables). A relational database consists of multiple tables that relate to each other. The relation between tables is formed in the sense of shared columns.

5.3 INPUT DESIGN:

Input design is a part of overall system design, which requires very careful attention. The main objectives of input design are:

1. To produce a cost-effective method of input.
2. To achieve the highest possible level of accuracy.
3. To ensure that the input is acceptable to and understood by the user staff.

In this system input screens are designed very carefully so that no inaccurate data will enter the database. The data is made as easy as possible. For simplifying the data entry many facilities are given.Each and every screen in this system is facilitated by many push buttons so that the user can easily work with this system.

5.4 OUTPUT DESIGN:

Outputs from computer systems are required primarily to communicate the results of processing to users. They are also to provide a permanent hard copy of these results for later consultation.The various types of outputs are required by this system are given below:

1. External outputs, whose destination is outside the concern and which require special attention because they, project the image of the concern.

2. Internal outputs, whose destination is within the concern and which require careful design because they are the user's main interface within the computer.

3. Operation outputs, whose use is purely within the computer department, E.g., program listings, usage statistics etc,

4. Interactive outputs, which involves the user in communicating directly with the computers.

SYSTEM TESTING AND IMPLEMENTATION

6.SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING:

System testing is actually a series of different tests whose primary objective is to fully exercise the computer-based system. Each test is having its own purpose, and all work should verify that all system elements have been properly integrated and perform allocated functions. This helps us to rectify a problem if occurs in our project. This helps us to do various testing depending upon the project such as security testing, validation testing, integration testing, unit testing etc... By verifying the system one can verify the proper function of the system. The primary purpose is to fully exercise the computer based system. Although each test has different purpose, all the work should verify that all the system elements have been properly integrated and perform the allocated function. The types of some tests are listed below.

6.1.1 White Box Testing: This method that uses the control structure of the procedural design to derive test cases. With this white box testing it is able to test all the independent paths are examined or exercised with their true and false. It also uses the external data structure to ensure their validity.

6.1.2 Black Box Testing: This testing method focus on the functional requirements of the software. This tests the fully functional conditions of the program. This is used likely uncover the errors than the white box testing. It finds the errors in the following parts:

1. Incorrect of missing functions
2. Interface errors
3. Errors in data structures or external database access

4. Performance errors

5. Initialization and termination errors.

6.1.3 Comparison Testing: This is a method that a way of alternate software exactly as the existing one is developed by another team and this will be very useful in critical situations. This new software is tested with the identical inputs as the previous one to check whether it satisfies the existing terms and conditions.

6.1.4 Security Testing: This is used to verify the protection mechanisms built into the system that protect it from illegal penetration .Penetration spans a broad range of activities because of hackers who attempt to penetrate systems for sport and disgruntled employees who want to destroy some details.

6.1.5 Unit Testing: This test focuses on system individually ensuring that it functions properly as an individual unit according to solve the requirements of the particular module. This enable to correct and detect errors .this testing is always a white box oriented one and the process may be in parallel.

6.1.6 Validation Testing: Validation testing succeeds when the software functions in a good manner as expected by the customer in this project all the module are validated using this methodology.

6.2 SYSTEM IMPLEMENTATION:

Implementation is the stage when the theoretical design is turned into working system. The implementation phase constructs installs and operationally the new system.

The most crucial stage in achieving a new successful system and is giving confidence on new system for users, that will work effectively.

Since the system is going to function in online it involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve, and change over methods**.**

6.2.1 Implementation Procedure:

The final delivery of the system provides the opportunity to review the whole conduct of the project, achievements, failures, and provide experience, which are very helpful in developing future projects.

In case of post implementation review of On-line shopping system performance is analyzed by various testing undergone, online response time, the user messages, and user satisfactory service, the performance of each web forms, the sessions in the project, the memory required and the Site downloading speed. All these things are verified and the conversion is done.

6.2.2 Operational Documentation:

Documentation means of communication; it establishes design and performance criteria for phases of the project. Documentation is descriptive information that portrays the use and / or operation of the system.

6.2.3 Documentation tools:

Document production and desktop publishing tool support nearly ever aspect of software developers. Most software development organizations spend a substantial amount of time developing documents, and in many cases the documentation process itself is quite inefficient. It is not use unusual for a software development effort on documentation. For this reason, documentation tools provide an important opportunity to improve productivity.

6.2.4 System Maintenance:

Maintenance covers the activities such as correcting, coding and debugging errors. Updating documentation and test data and upgrading user support. Many activities are actually enhancements. Four types of maintenance are performed on computer software

➢ Corrective Maintenance

➢ Adaptive Maintenance

➢ Perfect maintenance

➢ Preventive Maintenance

Corrective maintenance acts to correct errors that are uncovered after the software is in use. The On-line Booking system undergoes this maintenance due to some false assumption like details of the user and wrong assumption of the products.

Adaptive Maintenance is applied when changes in the external environment precipitate modifications to software. The system undergo this maintenance add additional enhancement.

Perfective Maintenance incorporates enhancements that are requested by the user community. The system will updated according to fulfil user requirements in the On-line shopping system, so this maintenance is done.

Preventive Maintenance improves future maintainability and reliability and provides a basis for future enhancement of the On-line shopping system. This helps the system to be reliable and easy to when additional enhancement is done.

CONCLUSION

7. CONCLUSION

In conclusions, The entire project has been developed and deployed and is found to be bug free as per the testing standards that is implemented. Any specification-untraced errors will be concentrated in the coming versions, which are planned to be developed in near future. The system at present does not take care off the money payment methods, as the consolidated constructs need SSL standards and are critically to be initiated in the first face, the application of the credit card transactions is applied as a developmental phase in the coming days. The system needs more elaborative technicality for its inception and evolution. The system provides an integrated environment for the customers who are willing to watch movies currently running in the theatre and can also enjoy combo packs while watching movie. User friendly menu driven interface has been provided to the user to interact with the system. Users can traverse through the website provided the users have the access right set. The users can register themselves through a registration form and then can use the services of the website, to book tickets and desired seats online.

FUTURE ENHANCEMENT

8. FUTURE ENHANCEMENT

More features can be added like

- Allow Users to comment on movies.
- Allow Users to rate on movies.
- SMS notification after successful seat reservation.
- Encrypted webpage to ensure customer privacy and transaction security.
- More user friendly interface also in small screen devices.
- Can be sorted by location for viewing movies in an area.
- Providing discount for users.

BIBLOGRAPHY

9. BIBLOGRAPHY

[1] https://www.tutorialrepublic.com/php-tutorial

[2] https://www.geeksforgeeks.org/

[3] http://www.w3schools.com/

[4] https://in.bookmyshow.com/

[5] https://www.ticketnew.com/

[6] https://diyifang.medium.com/movie-seat-booking-with-javascript-e140d6f5efd2

[7] https://phppot.com/php/stripe-payment-gateway-integration-using-php/

[8] https://vertabelo.com/blog/a-database-model-for-a-movie-theater-reservation-system

[9] https://www.tutorialspoint.com/php/php_function_mysqli_query.htm

[10] https://www.php.net/manual/en/mysqli.query.php

[11] https://stackoverflow.com/questions/44772139/how-do-i-run-an-sql-query-in-php

[12] https://datatables.net/

[13] https://medium.com/double-pointer/system-design-interview-how-to-design-bookmyshow-fandango

APPENDIX

10.1 CODING:

header.php

```
<?php
include('config.php');
session_start();
date_default_timezone_set('Asia/Kolkata');
?>
<!DOCTYPE HTML>
<html>
<head>
   <style>
      .hero-unit-clock {
         margin-top: -5px;
         margin-right: 32px;
         float: left;}
      .top_date{
         margin-top: 17px;
         margin-right: 53px;
         float: left;
         margin-left: 46px;
      }
   </style>
<title> Theater Website </title>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<link rel="stylesheet" href="css/stylish.css" type="text/css" media="all" />
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="all" />
<link rel="stylesheet" href="bootstrap.css" type="text/css" media="all" />
<link type="text/css" rel="stylesheet"
href="http://www.dreamtemplate.com/dreamcodes/tabs/css/tsc_tabs.css" />
<link rel="stylesheet" href="css/tsc_tabs.css" type="text/css" media="all" />
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
<script src='js/jquery.color-RGBa-patch.js'></script>
<script src='js/example.js'></script>
<link rel="stylesheet"
```

```
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>
</head>
<body>
<div class="header">
   <div class="header-top">
      <div class="wrap">
         <div class="h-logo">
         <a href="index.php" style="margin-right: 40;
   margin-left: 67px;"><img src="images/mv.jpg" alt=""/></a>
      </div>
           <div class="nav-wrap">
                <ul class="group" id="example-one">
                  <li><a href="index.php">Home</a></li>
                  <li><a href="movies_events.php">Movies</a></li>
                  <li><?php if(isset($_SESSION['user'])){
                  $us=mysqli_query($con,"select * from tbl_registration where
user_id='".$_SESSION['user']."'");
      $user=mysqli_fetch_array($us);?><a href="profile.php"><?php echo
$user['name'];?></a><a href="logout.php">Logout</a><?php }else{?><a
href="login.php">Login</a><?php }?></li>
                </ul>
           </div>
           <div style="display: none;
 position: absolute;
 z-index:100;
 color:white;
 width:auto;
 height:auto;"
 id="preview_div"></div>


<script type="text/javascript" src="js/jquery.qtip.min.js"></script>
<link href="js/jquery.qtip.min.css" rel="stylesheet" type="text/css"
media="screen, projection">

<script type="text/javascript" language="JavaScript">
function getCalendarDate()
{
  var months = new Array(13);
  months[0]  = "January";
  months[1]  = "February";
  months[2]  = "March";
```

```
  months[3]  = "April";
   months[4]  = "May";
   months[5]  = "June";
   months[6]  = "July";
   months[7]  = "August";
   months[8]  = "September";
   months[9]  = "October";
   months[10] = "November";
   months[11] = "December";
   var now         = new Date();
   var monthnumber = now.getMonth();
   var monthname   = months[monthnumber];
   var monthday    = now.getDate();
   var year        = now.getYear();
   if(year < 2000) { year = year + 1900; }
   var dateString = monthname +
                    ' ' +
                    monthday +
                    ', ' +
                    year;
   return dateString;
} // function getCalendarDate()
//-->
</script>
<script language="javascript" type="text/javascript">

<!-- Begin
var timerID = null;
var timerRunning = false;
function stopclock (){
if(timerRunning)
clearTimeout(timerID);
timerRunning = false;
}
function showtime () {
var now = new Date();
var hours = now.getHours();
var minutes = now.getMinutes();
var seconds = now.getSeconds()
var timeValue = "" + ((hours >12) ? hours -12 :hours)
if (timeValue == "0") timeValue = 12;
timeValue += ((minutes < 10) ? ":0" : ":") + minutes
timeValue += ((seconds < 10) ? ":0" : ":") + seconds
timeValue += (hours >= 12) ? " P.M." : " A.M."
document.clock.face.value = timeValue;
```

```
timerID = setTimeout("showtime()",1000);
timerRunning = true;
}
function startclock() {
stopclock();
showtime();
}
window.onload=startclock;
// End -->
</SCRIPT>

<div class="top_date">
          <font color="#a0d4cd">Date: 
          <script type="text/javascript" language="JavaScript">
          var calendarDate = getCalendarDate();
          document.write(calendarDate);
          </script>
          </font>
       </div>


       <div class="hero-unit-clock">
       </br>
          <form name="clock">
          <font color="#a0d4cd">Time:</font> <input type="submit"
class="trans" name="face" value="" style="background-color:#baece1; border-
radius:16px; margin-bottom:16px">
          </form>
            </div>
          <div class="clear"></div>
       </div>
   </div>
             <div class="clear"></div>

<div class="block">
   <div class="wrap">

       <form action="process_search.php" id="reservation-form" method="post"
onsubmit="myFunction()">
            <fieldset>
             <div class="field" >

                        <input type="text" placeholder="Search Movies Here..."
style="height:27px;width:500px;border-radius:5px;    height: 35px;
   width: 1427px;
```

```
border-radius: 5px;
   margin-right: 20px;
   margin-left: -1px;
   border-bottom-left-radius: 0px;
   border-top-left-radius: 0px;
   border: 1px solid #000000;
   background-color: #e5ecf2;"  required id="search111" name="search">
                        <button type="submit" style="        float: left;
   width: 44px;
   padding: 8px;
   background: #5a7fb4;
   color: #e5ecf2;
   font-size: 17px;
   border: 1px solid #000000;
   border-left: none;
   border-radius: 5px;
   cursor: pointer;
   border-bottom-right-radius: 0px;
   border-top-right-radius: 0px;"><i class="fa fa-search"></i></button>

   </div>

            </fieldset>
         </form>
         <div class="clear"></div>
  </div>
</div>
<script>
function myFunction() {
    if($('#hero-demo').val()=="")
       {
          alert("Please enter movie name...");
          return false;
       }
   else{
      return true;
   }
   </script>
}
```

index.php

```
<html>
<body>
```

```
<?php
include('header.php');
?>

<div class="content">
   <div class="wrap">
      <div class="content-top">
            <div class="listview_1_of_3 images_1_of_3" style="width: 816px;
margin-top: 715px; position: relative;
   top: -188px;
   left: 46px;">
               <h3>Upcoming Movies</h3>
               <?php
               $qry3=mysqli_query($con,"select * from tbl_news order by rand()
limit 5");

               while($n=mysqli_fetch_array($qry3))
               {
               ?>
            <div class="content-left">
               <div class="listimg listimg_1_of_2" >
                  <img src="admin/<?php echo $n['attachment'];?>" style="width:
230px; height:280;">
               </div>
               <div class="text list_1_of_2">
                  <div class="extra-wrap">
                    <span style="text-color:#000" class="data"><strong><?php
echo $n['name'];?></strong><br>
                     <span style="text-color:#000" class="data"><strong>Cast
:<?php echo $n['cast'];?></strong><br>
                        <div class="data">Release Date :<?php echo
$n['news_date'];?></div>



                        <span class="text-top"><?php echo
$n['description'];?></span>
                  </div>
               </div>
               <div class="clear"></div>
            </div>
            <?php
            }
            ?>
```

```
        </div>
        <div class="listview_1_of_3 images_1_of_3" style="margin-left: 211px;
    margin-top: 715px;
    position: relative;
    top: -188px;
    left: 46px;
    margin-bottom:-125px;">

                <h3>Trending Trailers</h3>
                   <div class="middle-list">
                <?php
                $qry4=mysqli_query($con,"select * from tbl_movie order by rand()
limit 4");

                while($nm=mysqli_fetch_array($qry4))
                {
                ?>

                   <div class="listimg1">
                       <a target="_blank" href="<?php echo
$nm['video_url'];?>"><img src="<?php echo $nm['image'];?>" alt=""
style="width: 230px; height:280;"/></a>
                       <a target="_blank" href="<?php echo $nm['video_url'];?>"
class="link"><?php echo $nm['movie_name'];?></a>
                   </div>
                   <?php
                }
                ?>
                </div>


        </div>
        <?php include('movie_sidebar.php');?>
    </div>
</div>
<?php include('footer.php');?>
</div>
<?php include('searchbar.php');?>
```

config.php

```
<?php
    $host = "localhost";
    $user = "root";
```

```
$pass = "";
   $db = "db_movie";
   $port = 3306;
    $con = mysqli_connect($host, $user, $pass, $db, $port)or die(mysql_error());
?>
```

login.php

```
<?php include('header.php');?>
</div>
<div class="content">
  <div class="wrap">
    <div class="content-top" style="min-height:300px;padding:50px">
      <div class="col-md-4 col-md-offset-4">
        <div class="panel panel-default">
          <div class="panel-heading">Login</div>
          <div class="panel-body">
            <?php include('msgbox.php');?>
        <p class="login-box-msg">Sign in to start your session</p>
        <form action="process_login.php" method="post">
      <div class="form-group has-feedback">
        <input name="Email" type="text" size="25" placeholder="Email"
class="form-control" placeholder="Email"/>
        <span class="glyphicon glyphicon-envelope form-control-
feedback"></span>
      </div>
      <div class="form-group has-feedback">
        <input name="Password" type="password" size="25"
placeholder="Password" class="form-control" placeholder="Password" />
        <span class="glyphicon glyphicon-lock form-control-feedback"></span>
      </div>
      <div class="form-group">
          <button type="submit" class="btn btn-primary">Login</button>

          <p class="login-box-msg" style="padding-top:20px">New Here? <a
href="registration.php">Register</a></p>
      </div>
      </div>
</div>
   </form>
     </div>
   </div>
   <div class="clear"></div>

  </div>
```

```
<?php include('footer.php');?>
</div>
```

check_login.php

```
<?php include('header.php');?>
</div>
<div class="content">
  <div class="wrap">
    <div class="content-top" style="min-height:300px;padding:50px">
      <div class="col-md-4 col-md-offset-4">
        <div class="panel panel-default">
          <div class="panel-heading">Login</div>
          <div class="panel-body">
            <?php include('msgbox.php');?>
        <p class="login-box-msg">Sign in to start your session</p>
        <form action="process_login.php" method="post">
      <div class="form-group has-feedback">
        <input name="Email" type="text" size="25" placeholder="Email"
class="form-control" placeholder="Email"/>
        <span class="glyphicon glyphicon-envelope form-control-
feedback"></span>
      </div>
      <div class="form-group has-feedback">
        <input name="Password" type="password" size="25"
placeholder="Password" class="form-control" placeholder="Password" />
        <span class="glyphicon glyphicon-lock form-control-feedback"></span>
      </div>
      <div class="form-group">
          <button type="submit" class="btn btn-primary">Login</button>

          <p class="login-box-msg" style="padding-top:20px">New Here? <a
href="registration.php">Register</a></p>
      </div>
      </div>
</div>
    </form>
      </div>
    </div>
    <div class="clear"></div>

  </div>
<?php include('footer.php');?>
</div>
```

movie_sidebar.php

```
<head>
<link rel='stylesheet prefetch'
href='https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css'>
</head>
<body>
<script
src='http://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js'></script>
<script
src='http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js'></scri
pt>
<script src="js/multiple-image-slider.js"></script>
          <div class="container py-5">
           <h3 style="    float: left;
   margin-top: -1918px;
   font-size: xx-large;
   margin-left: 451px;">Films in Theatres</h3>
<div class="row mt-4" style="float: left;
   margin-top:  -1836px;
   display: flex;
   flex-wrap: nowrap;
   align-items: baseline;
   flex-direction: row-reverse;">
                <?php
          $today=date("Y-m-d");
          $qry2=mysqli_query($con,"select * from  tbl_movie where status='0'
order by rand() limit 4");

            while($m=mysqli_fetch_array($qry2))
                {
                ?>
          <div class="col-md-3 mt-3">
   <div class="card">
      <div class="card-body">

                    <center><a href="about.php?id=<?php echo
$m['movie_id'];?>"><img class="card-img-top" src="<?php echo
$m['image'];?>" width="200" height="300" border="0"></a>

                              <center class="card-title"><a
href="about.php?id=<?php echo $m['movie_id'];?>"><?php echo
$m['movie_name'];?></a><br></center>
```

```
  <span class="card-text">Release Date:<?php echo
$m['release_date'];?></span><br>
                                Cast:<Span class="card-text"><?php echo
$m['cast'];?></span><br>
                                <!--Description: <span" class="color2"><?php echo
$m['desc'];?></span><br>--></center>
                                </div>
    </div>
<div>
</div>
</div>
        <?php
            }
            ?>
              <style>
 .card {
    display: grid;
    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
    height: 41rem;
    margin-bottom: 38px;
  }
  .card-body {
    padding: 20px;
}
</style>
```

about.php

```
<head>
<link rel='stylesheet prefetch'
href='https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css'>
</head>
<body>
<script
src='http://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js'></script>
<script
src='http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js'></scri
pt>
<script src="js/multiple-image-slider.js"></script>
            <div class="container py-5">
             <h3 style="    float: left;
    margin-top: -1918px;
    font-size: xx-large;
    margin-left: 451px;">Films in Theatres</h3>
<div class="row mt-4" style="float: left;
```

```
margin-top:  -1836px;
   display: flex;
   flex-wrap: nowrap;
   align-items: baseline;
   flex-direction: row-reverse;">




            <?php
          $today=date("Y-m-d");
         $qry2=mysqli_query($con,"select * from  tbl_movie where status='0'
order by rand() limit 4");

           while($m=mysqli_fetch_array($qry2))
              {
               ?>
         <div class="col-md-3 mt-3">
   <div class="card">
      <div class="card-body">

                  <center><a href="about.php?id=<?php echo
$m['movie_id'];?>"><img class="card-img-top" src="<?php echo
$m['image'];?>" width="200" height="300" border="0"></a>

                              <center class="card-title"><a
href="about.php?id=<?php echo $m['movie_id'];?>"><?php echo
$m['movie_name'];?></a><br></center>
                              <span class="card-text">Release Date:<?php echo
$m['release_date'];?></span><br>
                              Cast:<Span class="card-text"><?php echo
$m['cast'];?></span><br>
                              <!--Description: <span" class="color2"><?php echo
$m['desc'];?></span><br>--></center>
                              </div>
   </div>
<div>
</div>
</div>
      <?php
         }
         ?>
           <style>
 .card {
   display: grid;
```

```
box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
    height: 41rem;
    margin-bottom: 38px;
  }
  .card-body {
    padding: 20px;
}
</style>
```

registration.php

```
<?php include('header.php');?>
<link rel="stylesheet" href="validation/dist/css/bootstrapValidator.css"/>

<script type="text/javascript"
src="validation/dist/js/bootstrapValidator.js"></script>
  <!-- ============================================== -->
  <?php
    include('form.php');
    $frm=new formBuilder;
  ?>
</div>
<div class="content">
  <div class="wrap">
    <div class="content-top" style="min-height:300px;padding:50px">
      <div class="col-md-4 col-md-offset-4">
        <div class="panel panel-default">
          <div class="panel-heading">Register</div>
          <div class="panel-body">
        <form action="process_registration.php" method="post" id="form1">
            <div class="form-group has-feedback">
        <input name="name" type="text" size="25" placeholder="Name"
class="form-control"/>
        <?php $frm-
>validate("name",array("required","label"=>"Name","regexp"=>"name")); //
Validating form using form builder written in form.php ?>
        <span class="glyphicon glyphicon-user form-control-feedback"></span>
      </div>
      <div class="form-group has-feedback">
        <input name="age" type="text" size="25" placeholder="Age"
class="form-control"/>
        <?php $frm-
>validate("age",array("required","label"=>"Age","regexp"=>"age")); //
Validating form using form builder written in form.php ?>
        <span class="glyphicon glyphicon-user form-control-feedback"></span>
```

```
</div>
    <div class="form-group has-feedback">
      <select name="gender" class="form-control">
         <option value>Select Gender</option>
         <option>Male</option>
         <option>Female</option>
      </select>
      <?php $frm->validate("gender",array("required","label"=>"Gender")); //
Validating form using form builder written in form.php ?>
      <span class="glyphicon glyphicon-user form-control-feedback"></span>
    </div>
    <div class="form-group has-feedback">
      <input name="phone" type="text" size="25" placeholder="Mobile
Number" class="form-control"/>
      <?php $frm->validate("phone",array("required","label"=>"Mobile
Number","regexp"=>"mobile")); // Validating form using form builder written
in form.php ?>
      <span class="glyphicon glyphicon-phone form-control-feedback"></span>
    </div>
    <div class="form-group has-feedback">
      <input name="email" type="text" size="25" placeholder="Email"
class="form-control"/>
      <?php $frm-
>validate("email",array("required","label"=>"Email","email")); // Validating
form using form builder written in form.php ?>
      <span class="glyphicon glyphicon-envelope form-control-
feedback"></span>
    </div>
    <div class="form-group has-feedback">
      <input name="password" type="password" size="25"
placeholder="Password" class="form-control" placeholder="Password" />
      <?php $frm-
>validate("password",array("required","label"=>"Password","min"=>"7")); //
Validating form using form builder written in form.php ?>
      <span class="glyphicon glyphicon-lock form-control-feedback"></span>
    </div>
    <div class="form-group has-feedback">
      <input name="cpassword" type="password" size="25"
placeholder="Password" class="form-control" placeholder="Password" />
      <?php $frm->validate("cpassword",array("required","label"=>"Confirm
Password","min"=>"7","identical"=>"password Password")); // Validating form
using form builder written in form.php ?>
      <span class="glyphicon glyphicon-lock form-control-feedback"></span>
    </div>
    <div class="form-group">
```

```
  <button type="submit" class="btn btn-primary">Login</button>
     </div>
     </div>
</div>
   </form>
     </div>
   </div>
   <div class="clear"></div>

  </div>
<?php include('footer.php');?>
</div>
<script>
      <?php $frm->applyvalidations("form1");?>
   </script>
```

process_seats.php

```
<head>
<link rel="stylesheet" href="styled_update.css">
</head>
<?php include('header.php');
if(!isset($_SESSION['user']))
{
   header('location:login.php');
}
$qry2=mysqli_query($con,"select * from tbl_movie where
movie_id='".$_SESSION['movie']."'");
$movie=mysqli_fetch_array($qry2);
$s=mysqli_query($con,"select * from tbl_shows where
s_id='".$_SESSION['show']."'");
$shw=mysqli_fetch_array($s);
$ttm=mysqli_query($con,"select  * from tbl_show_time where
st_id='".$shw['st_id']."'");
$ttme=mysqli_fetch_array($ttm);
$sn=mysqli_query($con,"select  * from tbl_screens where
screen_id='".$ttme['screen_id']."'");
$screen=mysqli_fetch_array($sn);
$thet = mysqli_query($con,"select * from tbl_theatre where
id='".$shw["theatre_id"]."'");
$theatre = mysqli_fetch_array($thet);
if(isset($_POST['date'])){
 $date = $_POST['date'];
}
$av=mysqli_query($con,"select no_seats,ticket_list from tbl_bookings where
```

```
show_id='".$_SESSION['show']."' and ticket_date='$date'");
$final = '';
while($avl=mysqli_fetch_array($av)){
 $final = $final.','.$avl["ticket_list"];
}
?>
<?php
  $qry23=mysqli_query($con,"select * from tbl_registration where
user_id='".$_SESSION['user']."'");
  $moviess=mysqli_fetch_array($qry23);
?>
<script type="text/javascript">
  console.log("<?php echo $_SESSION['user'] ?>")
  window.userdetails = {
  'User ID' : '<?php echo $moviess["user_id"] ?>',
  'Name' : '<?php echo $moviess["name"] ?>',
  'email' : '<?php echo $moviess["email"] ?>',
  'phone' : '<?php echo $moviess["phone"] ?>',
  'age' : '<?php echo $moviess["age"] ?>'
  }
  window.theaterdetails = {
    'Name' : '<?php echo $theatre["name"] ?>',
    'address' : '<?php echo $theatre["address"] ?>',
    'place' : '<?php echo $theatre["place"] ?>',
    'state' : '<?php echo $theatre["state"] ?>',
    'pin' : '<?php echo $theatre["pin"] ?>'
  }
</script>
</div>
<script type="text/javascript">
    var otherheads = '<meta charset="UTF-8"/><meta name="viewport"
content="width=device-width, initial-scale=1.0" /><meta http-equiv="X-UA-
Compatible" content="ie=edge" /><link rel="stylesheet"
href="styled_update.css" /><title>Movie Seat Booking</title>';
    $('head').append(otherheads);
</script>
<div class="content">
    <script type="text/javascript">
      console.log("Screen ID " + "<?php echo $screen["screen_id"] ?>");
      console.log("Show ID  " + "<?php echo $shw["s_id"] ?>");
      console.log("Screen Time ID  " + "<?php echo $ttme["st_id"] ?>");
      console.log("Theatre ID  " + "<?php echo $shw["theatre_id"]  ?>");
      console.log("No of Seats  " + "<?php echo $screen["seats"]  ?>");
      console.log("Booking Date  " + "<?php echo $date ?>");
      console.log('Bookings Data ' + "<?php echo $final ?>");
```

```
 console.log('Movie Name ' + '<?php echo $movie["movie_name"] ?>');
     console.log("User ID" + '<?php echo $_SESSION["user"] ?>');
     window.details = {
      'Screen ID' : '<?php echo $screen["screen_id"] ?>',
      'Show ID' : '<?php echo $shw["s_id"] ?>',
      'Screen Time ID' : '<?php echo $ttme["st_id"] ?>',
      'Theatre ID' : '<?php echo $shw["theatre_id"]  ?>',
      'No of Seats' : '<?php echo $screen["seats"]  ?>',
      'Booking Date' : '<?php echo $date ?>',
      'Show Bookings Data' : '<?php echo $final ?>',
      'Movie Name' : '<?php echo $movie["movie_name"] ?>',
      'Ticket Price' : '<?php echo $screen["charge"] ?>'
     };
   </script>
   <div class="process_seats1" style="background-color: #ffffff; margin-
bottom: 164px;">
   <div class="movie-container" >
    <label style="margin-left: 648px">Booking for the Movie :</label>
    <select id="movie">
     <option value="10"><?php echo $movie["movie_name"] ?></option>
    </select>
   </div>

   <ul class="showcase" style="padding: 12px 550px;
   border-radius: 59px; color:#000">
    <li>
     <div class="seat"></div>
     <small>N/A</small>
    </li>
    <li>
     <div class="seat selected"></div>
     <small>Selected</small>
    </li>
    <li>
     <div class="seat occupied" style="background-color: #ff5b5b; "></div>
     <small>Occupied</small>
    </li>
   </ul>

   <div class="container1" style="margin-left: 566px;">
    <div class="screen" style="background-color: #f5f9ff;
   height: 87px;
   width: 480px;
   margin: 26px 0;
   margin-left: -52px;"></div>
```

```
    </div>
    <p class="text" style="margin-left: 600px; margin-right: 124px;">
      You have selected <span id="count">0</span> seats for a price of Rs.<span
        id="total"
        >0</span
      >
    </p>
    <button class="btn btn-info" id="payment_start" style="    width: 435px;
    margin-left: -452px;
    position: relative;
    top: 54px;">Book Now</button>

    <script src="scripted.js"></script>
    </div>
</div>
<?php include('footer.php');?>
```

payment.php

```
<!DOCTYPE html>
<html>
<head>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<style>
body {
  font-family: Arial;
  font-size: 17px;
  padding: 8px;
}

* {
  box-sizing: border-box;
}

.row {
  display: -ms-flexbox; /* IE10 */
  display: flex;
  -ms-flex-wrap: wrap; /* IE10 */
  flex-wrap: wrap;
  margin: 0 -16px;
```

```
}

.col-25 {
  -ms-flex: 25%; /* IE10 */
  flex: 25%;
}

.col-50 {
  -ms-flex: 50%; /* IE10 */
  flex: 50%;
}

.col-75 {
  -ms-flex: 75%; /* IE10 */
  flex: 75%;
}

.col-25,
.col-50,
.col-75 {
  padding: 0 16px;
}

.container {
  background-color: #f2f2f2;
  padding: 5px 20px 15px 20px;
  border: 1px solid lightgrey;
  border-radius: 3px;
}

input[type=text] {
  width: 100%;
  margin-bottom: 20px;
  padding: 12px;
  border: 1px solid #ccc;
  border-radius: 3px;
}

label {
  margin-bottom: 10px;
  display: block;
}

.icon-container {
  margin-bottom: 20px;
```

```
padding: 7px 0;
  font-size: 24px;
}

.btn {
  background-color: #102780;
  color: white;
  padding: 12px;
  margin: 10px 0;
  border: none;
  width: 100%;
  border-radius: 3px;
  cursor: pointer;
  font-size: 17px;
}

.btn:hover {
  background-color: #4550a0;
}

a {
  color: #2196F3;
}

hr {
  border: 1px solid lightgrey;
}

span.price {
  float: right;
  color: grey;
}

/* Responsive layout - when the screen is less than 800px wide, make the two
columns stack on top of each other instead of next to each other (also change
the direction - make the "cart" column go on top) */
@media (max-width: 800px) {
  .row {
    flex-direction: column-reverse;
  }
  .col-25 {
    margin-bottom: 20px;
  }
}
</style>
```

```
</head>
<body>
<h2>Tickets are waiting....</h2>
<p>Time to Grab the Popcorns!</p>
<div class="row">
  <div class="col-75">
    <div class="container">
      <form action="confirmation.php" onsubmit="return
window.validateForm()">

       <div class="row">
         <div class="col-50">
           <h3>Billing Address</h3>
           <label for="fname"><i class="fa fa-user"></i> Full Name</label>
           <input type="text" id="fname" name="firstname" placeholder=" Rose">
           <label for="email"><i class="fa fa-envelope"></i> Email</label>
           <input type="text" id="email" name="email"
placeholder="rose@gmail.com">
           <label for="adr"><i class="fa fa-address-card-o"></i> Address</label>
           <input type="text" id="adr" name="address"
placeholder="Alagesapuram">
           <label for="city"><i class="fa fa-institution"></i> City</label>
           <input type="text" id="city" name="city" placeholder="Thoothukudi">

           <div class="row">
             <div class="col-50">
               <label for="state">State</label>
               <input type="text" id="state" name="state" placeholder="TN">
             </div>
             <div class="col-50">
               <label for="zip">Zip</label>
               <input type="text" id="zip" name="zip" placeholder="628002">
             </div>
           </div>
         </div>

         <div class="col-50">
           <h3>Payment</h3>
           <label for="fname">Accepted Cards</label>
           <div class="icon-container">
             <i class="fa fa-cc-visa" style="color:navy;"></i>
             <i class="fa fa-cc-amex" style="color:blue;"></i>
             <i class="fa fa-cc-mastercard" style="color:red;"></i>
             <i class="fa fa-cc-discover" style="color:orange;"></i>
           </div>
```

```
   <label for="cname">Name on Card</label>
          <input type="text" id="cname" name="cardname" placeholder="
Rose">
          <label for="ccnum">Credit card number</label>
          <input type="text" id="ccnum" name="cardnumber"
placeholder="1111-2222-3333-4444">
          <label for="expmonth">Exp Month</label>
          <input type="text" id="expmonth" name="expmonth"
placeholder="September">
          <div class="row">
            <div class="col-50">
              <label for="expyear">Exp Year</label>
              <input type="text" id="expyear" name="expyear"
placeholder="2025">
            </div>
            <div class="col-50">
              <label for="cvv">CVV</label>
              <input type="text" id="cvv" name="cvv" placeholder="352">
            </div>
          </div>
        </div>

       </div>
       <label>
         <input type="checkbox" checked="checked" name="sameadr"> Shipping
address same as billing
       </label>
       <input type="submit" value="Continue to checkout" class="btn">
     </form>
   </div>
  </div>
  <div class="col-25">
    <div class="container side_container">
      <h4>Movies <span class="price" style="color:black"><i
class="price">Seats</i> <b>4</b></span></h4>
      <p><a class="line1">Name</a> <span class="price line1"></span></p>
      <p><a class="line2">Seat Info</a> <span class="price line2"></span></p>
      <p><a class="line3">1 X Ticket</a> <span class="price
line3"></span></p>
      <p><a class="line4">Theater</a> <span class="price line4"></span></p>
      <hr>
      <p>Total <span class="price"
style="color:black"><b  class="total"></b></span></p>
    </div>
  </div>
```

```
</div>
<script type="text/javascript">
  window.details = localStorage.getItem('payment_details') ?
JSON.parse(localStorage.getItem('payment_details')) : '';
  window.userdetails = localStorage.getItem('user_details') ?
JSON.parse(localStorage.getItem('user_details')) : '';
  window.ticketdetails = localStorage.getItem('selectedSeats') ?
JSON.parse(localStorage.getItem('selectedSeats')) : '';
  window.theaterdetails = localStorage.getItem('theater_details') ?
JSON.parse(localStorage.getItem('theater_details')) : '';
  console.log(window.details);
</script>
<script src="payment.js"></script>
</body>
</html>
```

styled_update.css

```
@import url('https://fonts.googleapis.com/css?family=Lato&display=swap');

* {
  box-sizing: border-box;
}

.process_seats1 {
    background-color: #ebebeb;
    color: #000;
    height: 700px;
    font-family: 'Lato', sans-serif;
    margin: 0;
  }

.movie-container {
  margin: 20px 0;
}
.movie-container select {
  background-color: #fff;
  border: 0;
  border-radius: 5px;
  font-size: 14px;
  margin-left: 10px;
  padding: 5px 15px 5px 15px;
  -moz-appearance: none;
  -webkit-appearance: none;
  appearance: none;
```

```
}

.container1 {
  perspective: 1000px;
  margin-bottom: 30px;
}

.seat {
  background-color: #444451;
  height: 20px;
  width: 29px;
  margin: 3px;
  border-top-left-radius: 12px;
  border-top-right-radius: 18px;
}

.seat.selected {
  background-color: #6feaf6;
}

.seat.occupied {
  background-color: #ff5b5b;;
}

.seat:nth-of-type(2) {
  margin-right: 18px;
}

.seat:nth-last-of-type(2) {
  margin-left: 18px;
}

.seat:not(.occupied):hover {
  cursor: pointer;
  transform: scale(1.2);
}

.showcase .seat:not(.occupied):hover {
  cursor: default;
  transform: scale(1);
}

.showcase {
  background: rgba(0, 0, 0, 0.1);
  padding: 5px 10px;
```

```
 border-radius: 5px;
  color: #777;
  list-style-type: none;
  display: flex;
  justify-content: space-between;
}

.showcase li {
  display: flex;
  align-items: center;
  justify-content: center;
  margin: 0 10px;
}

.showcase li small {
  margin-left: 2px;
}

.row1 {
  display: flex;
    flex-direction: row;
    justify-content: flex-start;
    flex-wrap: wrap;
    align-content: flex-start;
}

.screen {
  background-color: #fff;
    height: 70px;
    width: 100%;
    margin: 15px 0;
    transform: rotateX(-45deg);
    box-shadow: 0 3px 10px rgb(255 111 111);
}

p.text {
  margin: 5px 0;
}
p.text span {
  color: #b82c2c;
  font-size: large;}
```

theatre_list.php

```
<?php
```

```
include('header.php');
?>
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>View Theatres</title>
<link rel="stylesheet" href="css/style.css" />
<link
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
rel="stylesheet">
<script
src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.1/jquery.min.js"></script>
<link rel="stylesheet"
href="http://cdn.datatables.net/1.10.2/css/jquery.dataTables.min.css"></style>
<script type="text/javascript"
src="http://cdn.datatables.net/1.10.2/js/jquery.dataTables.min.js"></script>
<script type="text/javascript"
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></scr
ipt>
</head>
<body>
<div class="content-wrapper" style="min-height: 903px;">
   <!-- Content Header (Page header) -->
   <section class="content-header">
     <h1 style="    margin-bottom: -47px;">
       Theatre List
     </h1>

     <ol class="breadcrumb">
       <li><a href="index.php"><i class="fa fa-home"></i> Home</a></li>
       <li class="active">Theatre List</li>
     </ol>
   </section>
   <div id="myTable_wrapper" class="dataTables_wrapper no-footer"
style="margin-left: 10px;margin-right: 16px;margin-top: 88px;"><div>
<table id="myTable" class="table table-striped" >
<thead style="    color: aliceblue;
   background-color: #475866;
   font-family: initial;">
<tr>
<th><strong>Name</strong></th>
<th><strong>Address</strong></th>
<th><strong>Place</strong></th>
<th><strong>State</strong></th>
```

```
<th><strong>Pin</strong></th>
<th><strong>Actions</strong></th>
</tr>
</thead>
<tbody style="font-family: 'Source Sans Pro';
   font-size: 15px;">
<?php
$count=1;
$sel_query="SELECT * FROM tbl_theatre ORDER BY id ASC";
$result = mysqli_query($con,$sel_query);
while($row = mysqli_fetch_assoc($result)) { ?>
<tr>
<td align="center"><?php echo $row["name"]; ?></td>
<td align="center"><?php echo $row["address"]; ?></td>
<td align="center"><?php echo $row["place"]; ?></td>
<td align="center"><?php echo $row["state"]; ?></td>
<td align="center"><?php echo $row["pin"]; ?></td>
<td align="center">
<a href="editmodulate.php?id=<?php echo $row["id"] ?>"> <button
class="button-17" role="button" style="margin-right: 10px; padding: 2px 14px;
height: 35px;">Edit</button></a>
<a href="modulate.php?id=<?php echo $row["id"]?>"> <button class="button-
17" role="button" style="background-color: #f7bfbf; padding: 2px 14px; height:
35px;">Delete</button></a>
</td>
</tr>
<?php $count++; } ?>
</tbody>
</table>
<script>
$(document).ready(function(){
   $('#myTable').dataTable();
});
</script>
</div>
</div>
</body>
</html>
<?php
include('footer.php');
?>
```

edit_modulate.php

```
<?php
```

```
require('config.php');
include('header.php');
?>
<link rel="stylesheet" href="../../validation/dist/css/bootstrapValidator.css"/>

   <script type="text/javascript"
src="../../validation/dist/js/bootstrapValidator.js"></script>
     <!-- ========================================== -->
     <?php
       include('../../form.php');
       $frm=new formBuilder;
     ?>

     <!-- Content Wrapper. Contains page content -->
     <div class="content-wrapper">
       <!-- Content Header (Page header) -->
       <section class="content-header">
         <h1>
           Update Theatre
         </h1>
         <ol class="breadcrumb">
           <li><a href="index.php"><i class="fa fa-home"></i> Home</a></li>
           <li><a href="theatre_list"><i class="fa fa-home"></i> Theatre
List</a></li>
           <li class="active">Update Theatre</li>
         </ol>
       </section>
<?php
{
$id=$_REQUEST['id'];
$query = "SELECT * from tbl_theatre where id='".$id."'";
$result = mysqli_query($con, $query) or die ( mysqli_error());
$row = mysqli_fetch_assoc($result);
$status = "";
if(isset($_POST['new']) && $_POST['new']==1)
{
$id=$_REQUEST['id'];
$name =$_REQUEST['name'];
$address =$_REQUEST['address'];
$place =$_REQUEST['place'];
$state =$_REQUEST['state'];
$pin =$_REQUEST['pin'];
mysqli_query($con,"update tbl_theatre set
name='$name',address='$address',place='$place',state='$state',pin='$pin' where
id='$id'")or die(mysqli_query);
```

```
_redirect('theatre_list.php');
}else {
   ?>
   <section class="content">

<!-- Default box -->
<div class="box">
  <div class="box-body">
  <form name="form" method="post" action="">
<input type="hidden" name="new" value="1" />
<input name="id" type="hidden" value="<?php echo $row['id'];?>" />
        <div class="form-group">
          <label class="control-label">Name</label>
          <input type="text" name="name" class="form-control" required
value="<?php echo $row['name'];?>"/>
          <?php $frm->validate("name",array("required","label"=>"Theatre
Name")); // Validating form using form builder written in form.php ?>
        </div>
        <div class="form-group">
          <label class="control-label">Address</label>
          <input type="text" name="address" class="form-control" required
value="<?php echo $row['address'];?>"/>
          <?php $frm->validate("address",array("required","label"=>"Theatre
Address")); // Validating form using form builder written in form.php ?>
        </div>
        <div class="form-group">
          <label class="control-label">Place</label>
          <input type="text" name="place" id="autocomplete"
onFocus="geolocate()" class="form-control" required value="<?php echo
$row['place'];?>"/>
          <?php $frm->validate("place",array("required","label"=>"Place")); //
Validating form using form builder written in form.php ?>
        </div>
        <div class="form-group">
           <label class="control-label">State</label>
          <input type="text" name="state" id="administrative_area_level_1" s
placeholder="State" class="form-control" required value="<?php echo
$row['state'];?>"/>
          <?php $frm->validate("state",array("required","label"=>"State")); //
Validating form using form builder written in form.php ?>
        </div>
        <div class="form-group">
          <label class="control-label">Pin Code</label>
           <input type="text" name="pin" id="postal_code"s placeholder="Zip
```

```
code" class="form-control" required value="<?php echo $row['pin'];?>"/>
        <?php $frm->validate("pin",array("required","label"=>"Pin
Code","regexp"=>"pin")); // Validating form using form builder written in
form.php ?>
      </div>

      <div class="form-group">
      <button class="button-17" role="button">Update Theatre</button>
      </div>

    </form>
  </div>
  <!-- /.box-footer-->
</div>
<!-- /.box -->

</section>
<!-- /.content -->
</div>
<div>
<?php }
}
?>
</div>
</div>
</body>
</html>
<?php
include('footer.php');
?>
<!-- HTML !-->
```

add_theatre.php

```
<?php
include('header.php');
?>
<link rel="stylesheet" href="../../validation/dist/css/bootstrapValidator.css"/>

<script type="text/javascript"
src="../../validation/dist/js/bootstrapValidator.js"></script>
  <!-- ========================================== -->
  <?php
    include('../../form.php');
    $frm=new formBuilder;
```

```
?>

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
  <!-- Content Header (Page header) -->
  <section class="content-header">
    <h1>
      Add Theatre
    </h1>
    <ol class="breadcrumb">
      <li><a href="index.php"><i class="fa fa-home"></i> Home</a></li>
      <li class="active">Add Theatre</li>
    </ol>
  </section>

  <!-- Main content -->
  <section class="content">

    <!-- Default box -->
    <div class="box">
      <div class="box-body">
          <form action="process_add_theater.php" method="post" id="form1">
            <div class="form-group">
              <label class="control-label">Name</label>
              <input type="text" name="name" class="form-control"/>
              <?php $frm->validate("name",array("required","label"=>"Theatre
Name")); // Validating form using form builder written in form.php ?>
            </div>
            <div class="form-group">
              <label class="control-label">Address</label>
              <input type="text" name="address" class="form-control"/>
              <?php $frm->validate("address",array("required","label"=>"Theatre
Address")); // Validating form using form builder written in form.php ?>
            </div>
            <div class="form-group">
              <label class="control-label">Place</label>
              <input type="text" name="place" id="autocomplete"
onFocus="geolocate()" class="form-control">
              <?php $frm->validate("place",array("required","label"=>"Place")); //
Validating form using form builder written in form.php ?>
            </div>
            <div class="form-group">
               <label class="control-label">State</label>
              <input type="text" name="state" id="administrative_area_level_1" s
```

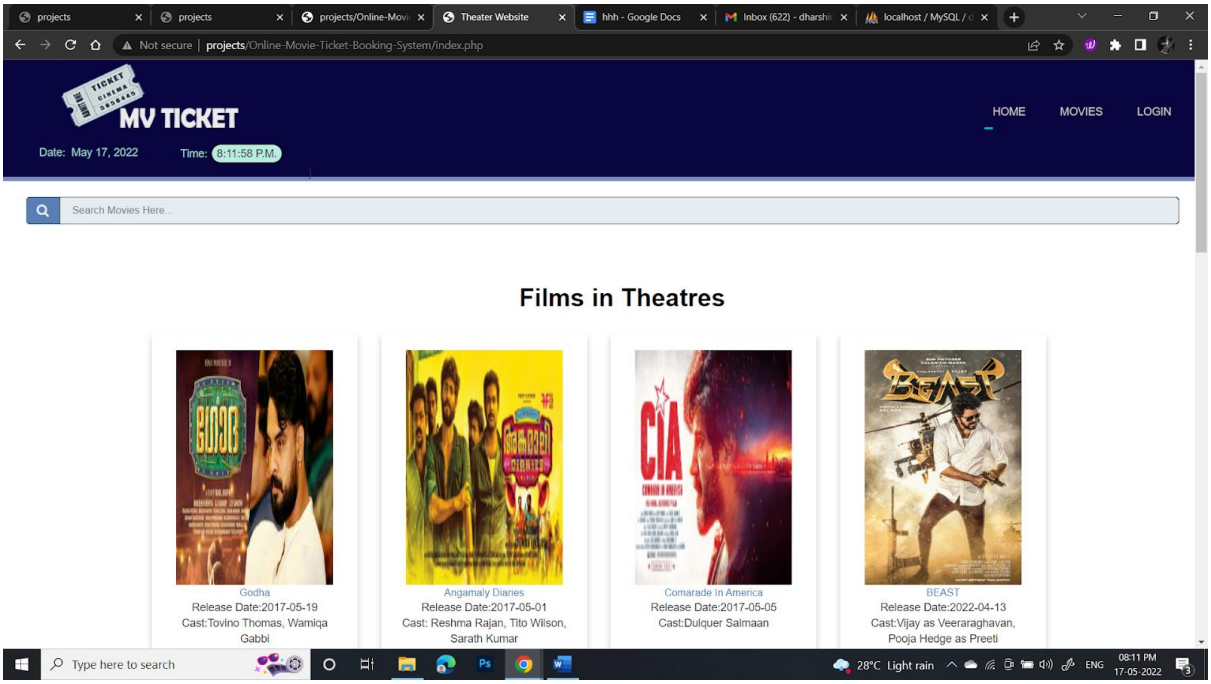
```
placeholder="State" class="form-control">
            <?php $frm->validate("state",array("required","label"=>"State")); //
Validating form using form builder written in form.php ?>
          </div>
          <div class="form-group">
            <label class="control-label">Pin Code</label>
             <input type="text" name="pin" id="postal_code"s placeholder="Zip
code" class="form-control">
             <?php $frm->validate("pin",array("required","label"=>"Pin
Code","regexp"=>"pin")); // Validating form using form builder written in
form.php ?>
          </div>
          <?php
            start:
            $username="USR".rand(123456,999999);
            $u=mysqli_query($con,"select * from tbl_login where
username='$username'");
            if(mysqli_num_rows($u))
            {
              goto start;
            }
          ?>
          <div class="form-group">
            <label class="control-label">Username</label>
            <input type="text" name="username" class="form-control"
value="<?php echo $username ?>">
            <?php $frm-
>validate("username",array("required","label"=>"Username")); // Validating
form using form builder written in form.php ?>
          </div>
          <div class="form-group">
            <label class="control-label">Password</label>
            <input type="text" name="password" class="form-control"
value="<?php echo "PWD".rand(123456,999999);?>">
            <?php $frm-
>validate("password",array("required","label"=>"Password")); // Validating
form using form builder written in form.php ?>
          </div>
          <div class="form-group">
          <button class="button-17" role="button">Add Theatre</button>
          </div>
          <input type="hidden" name="country" class="form-control"
id="country">
          <input type="hidden" class="field" id="route" disabled="true">
          <input type="hidden" class="field" id="street_number"
```

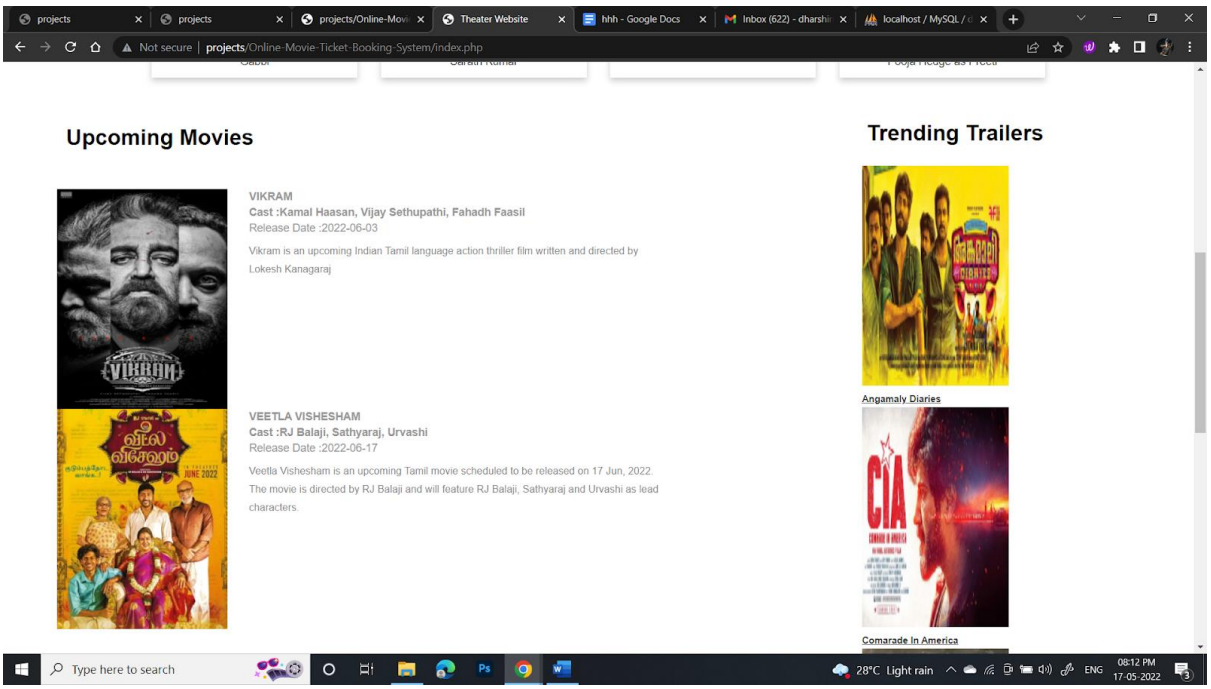
```
disabled="true">
            <input type="hidden" class="field" id="locality"disabled="true">
          </form>
        </div>
        <!-- /.box-footer-->
      </div>
      <!-- /.box -->

    </section>
    <!-- /.content -->
  </div>

 <script>
        // google auto complete API
      var placeSearch, autocomplete;
      var componentForm = {
        street_number: 'short_name',
        route: 'long_name',
        locality: 'long_name',
        administrative_area_level_1: 'long_name',
        country: 'long_name',
        postal_code: 'short_name'
      };

      function initAutocomplete() {
        // Create the autocomplete object, restricting the search to geographical
        // location types.
        autocomplete = new google.maps.places.Autocomplete(
            /** @type {!HTMLInputElement}
*/(document.getElementById('autocomplete')),
            {types: ['geocode']});

        // When the user selects an address from the dropdown, populate the
address
        // fields in the form.
        autocomplete.addListener('place_changed', fillInAddress);
      }

      function fillInAddress() {
        // Get the place details from the autocomplete object.
        var place = autocomplete.getPlace();

        for (var component in componentForm) {
          document.getElementById(component).value = '';
          document.getElementById(component).disabled = false;
```

```
}

      // Get each component of the address from the place details
      // and fill the corresponding field on the form.
      for (var i = 0; i < place.address_components.length; i++) {
        var addressType = place.address_components[i].types[0];
        if (componentForm[addressType]) {
          var val = place.address_components[i][componentForm[addressType]];
          document.getElementById(addressType).value = val;
        }
      }
    }

  </script>
  <script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyDfO40iueprTDv0WCf0BCIlbj56JO-HylA&libraries=places&callback=initAutocomplete"
        async defer></script>
        <script>
      <?php $frm->applyvalidations("form1");?>
  </script>
```

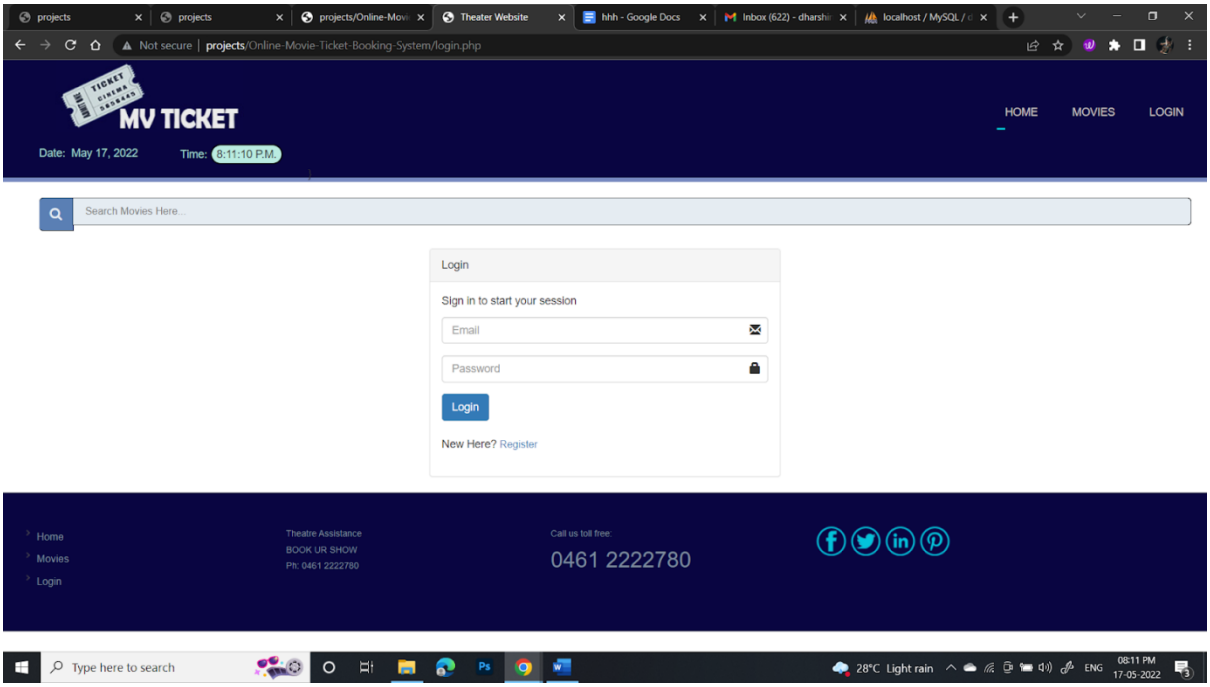
Screenshots

Home

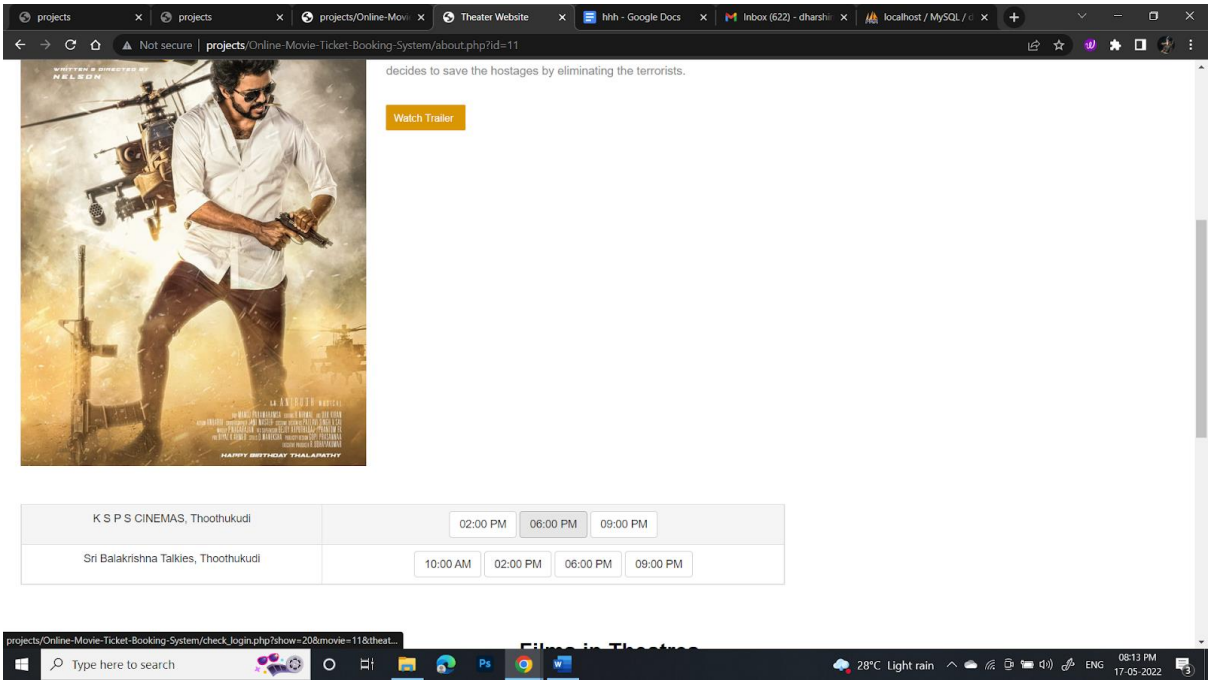




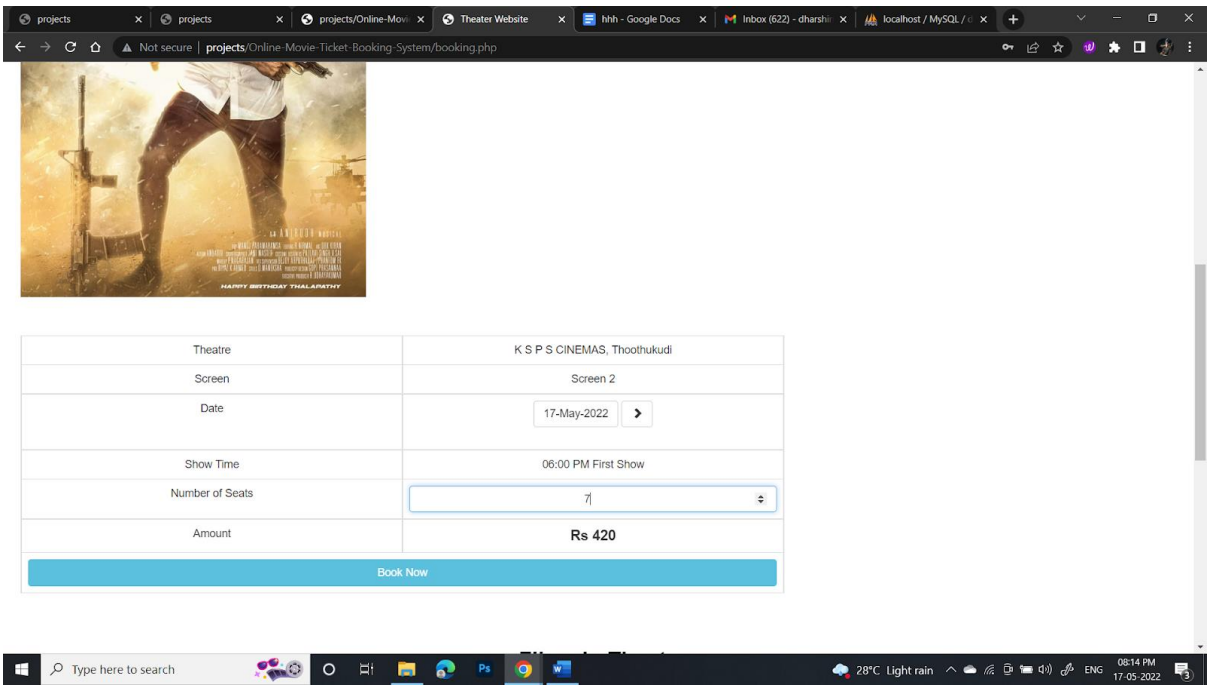
User Login



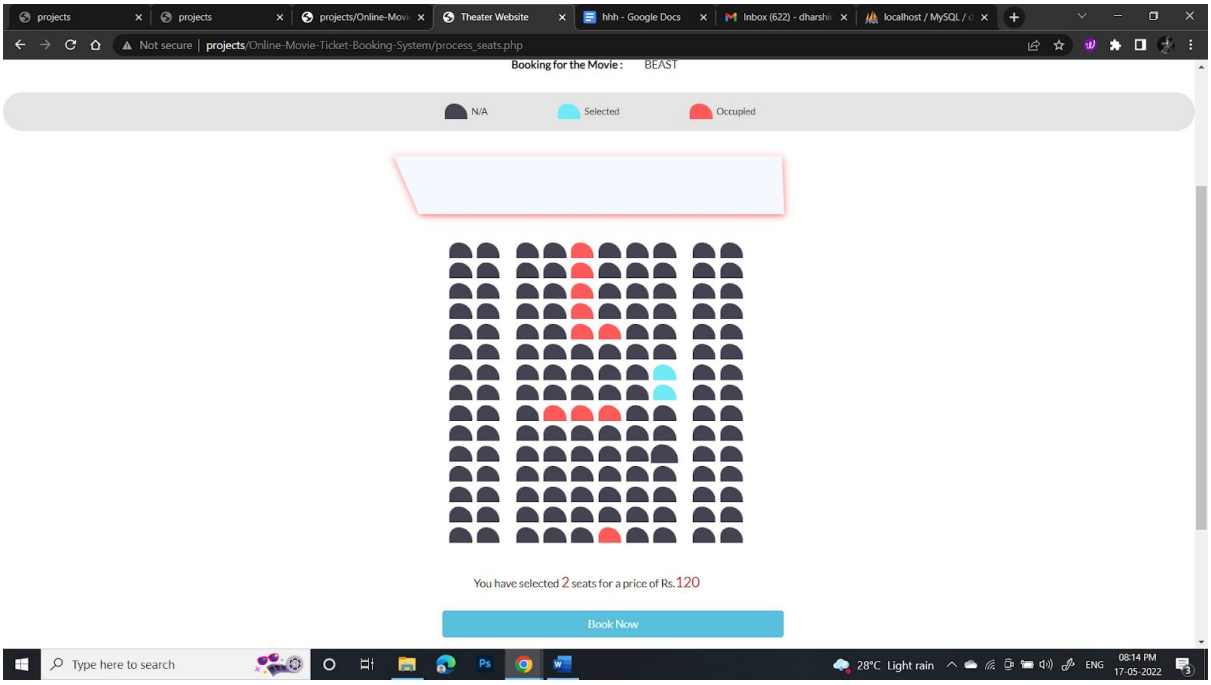
About



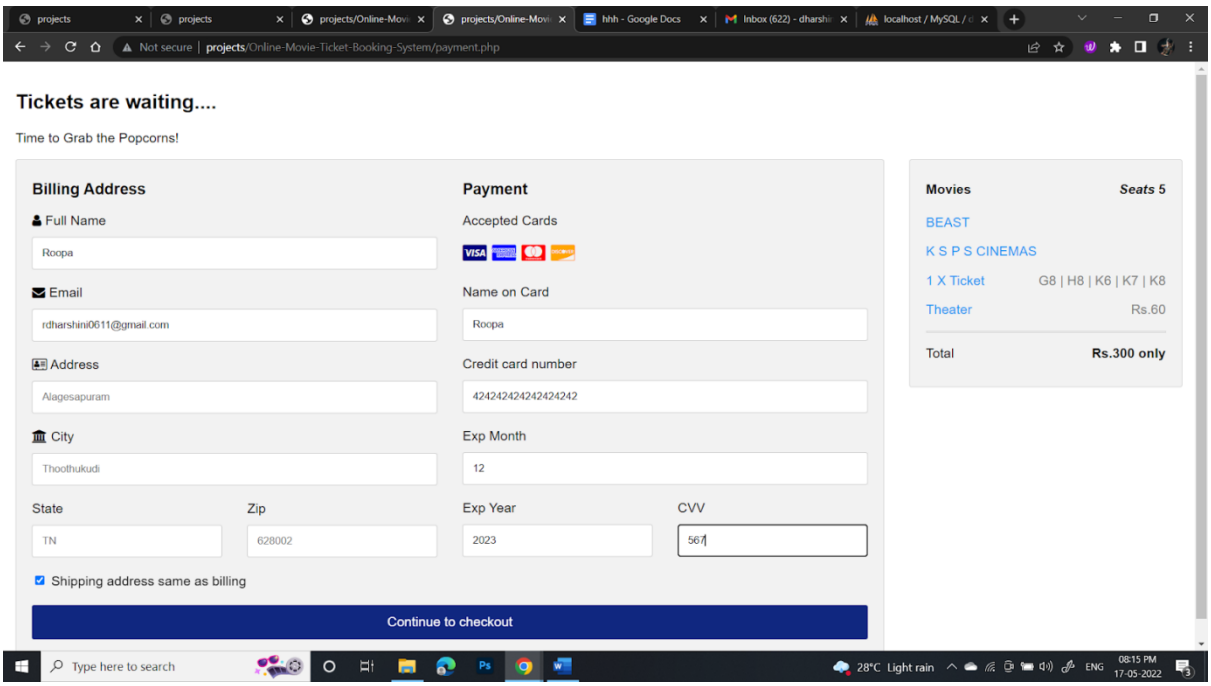
Booking details



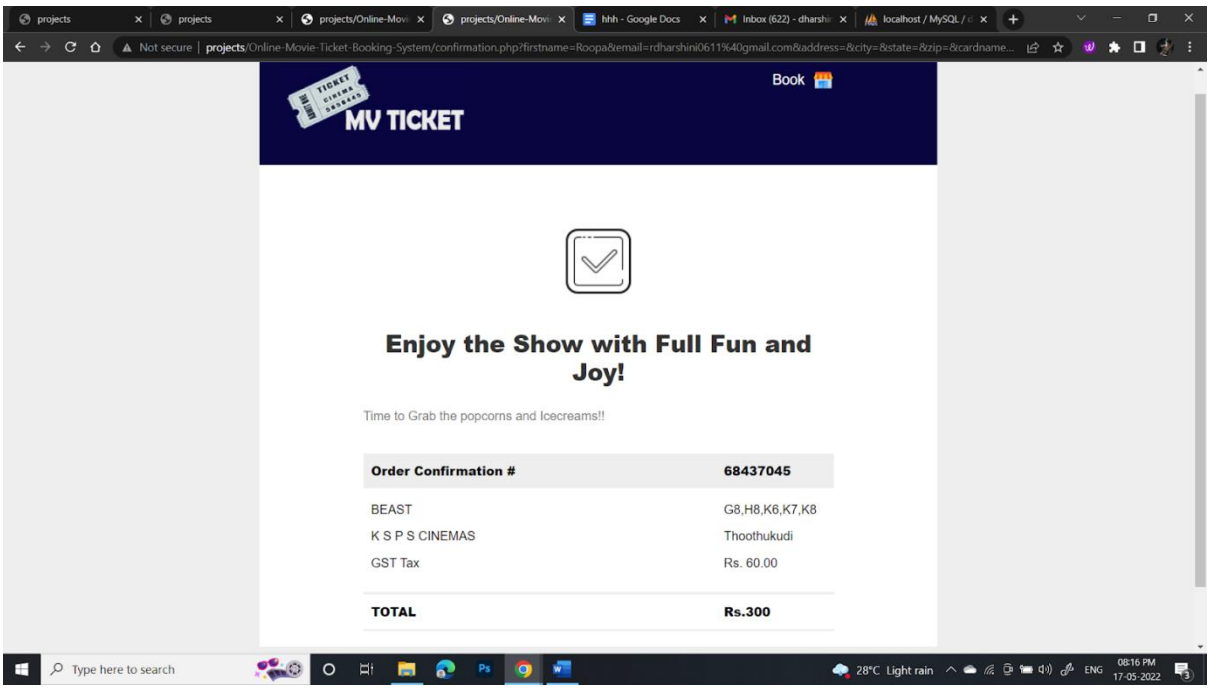
Seat selection



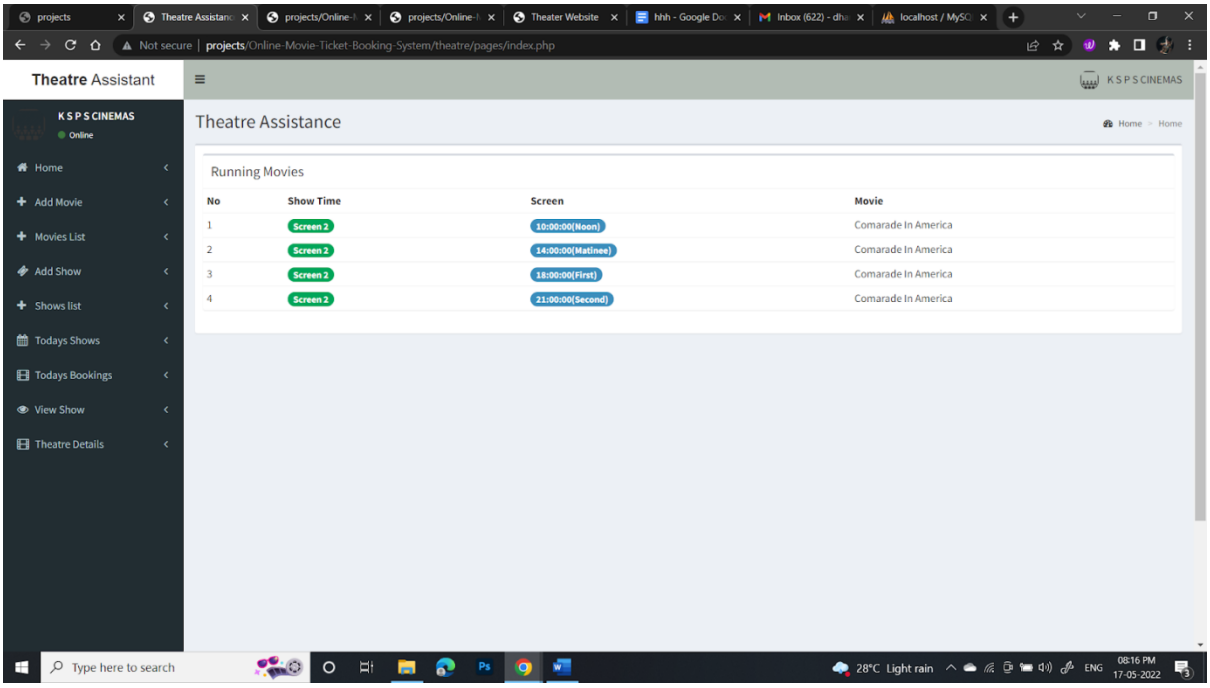
Payment



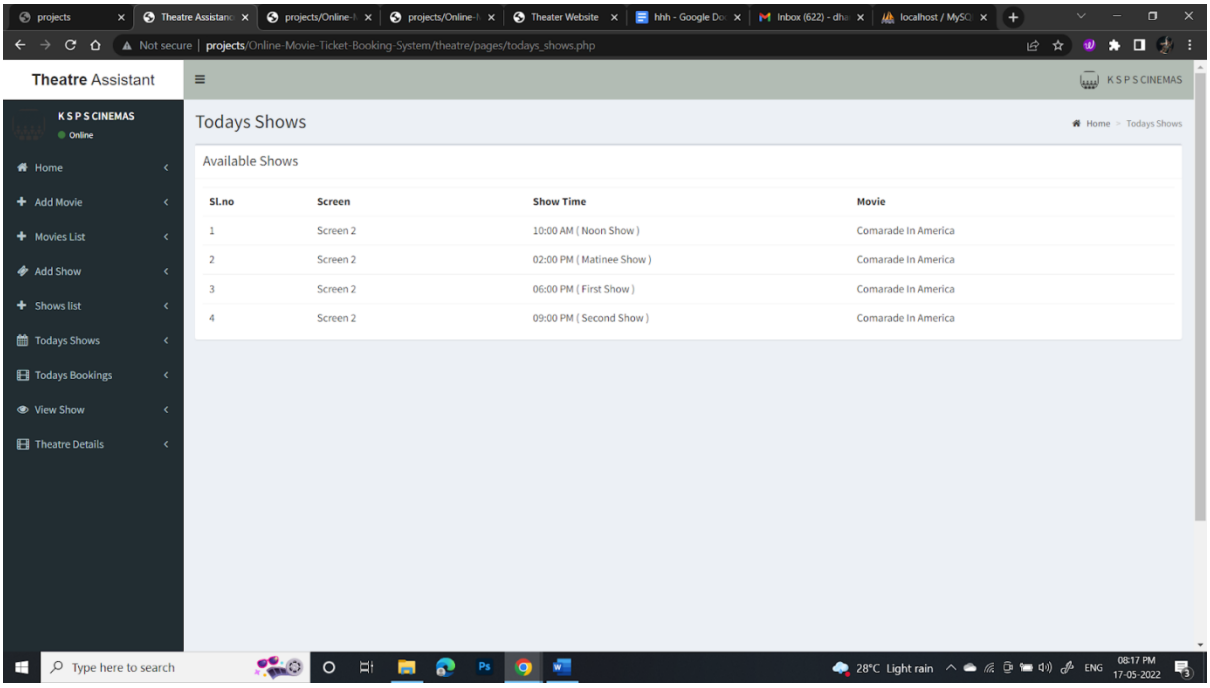
After payment



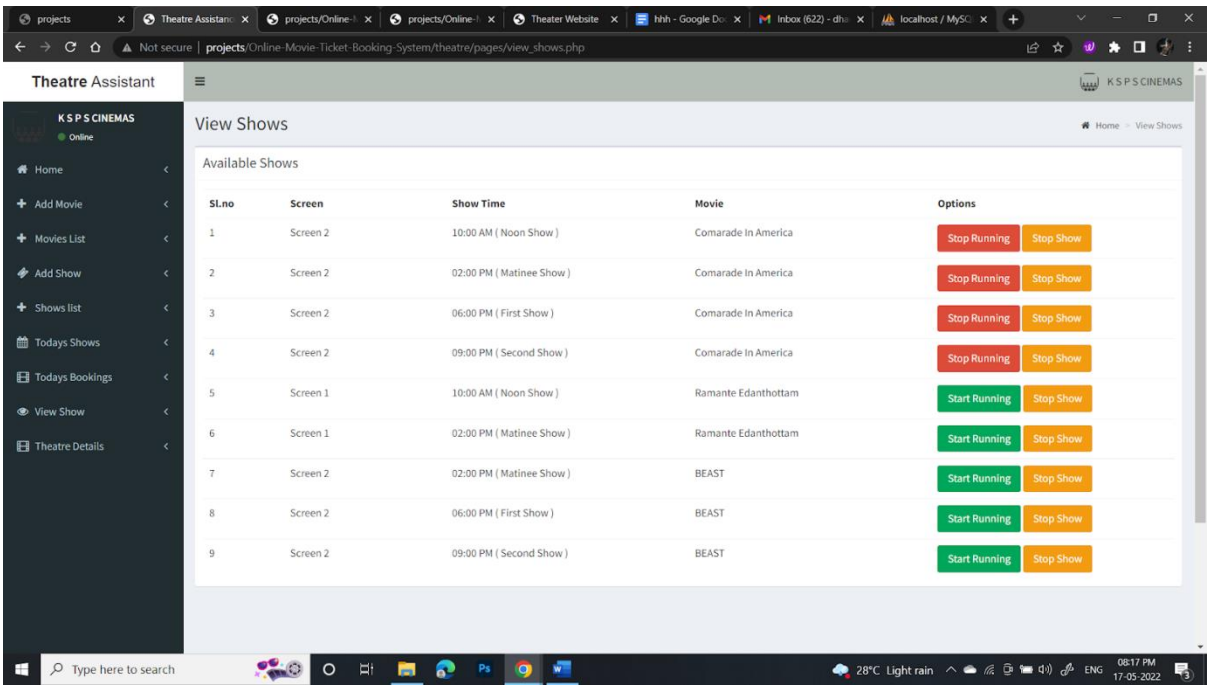
Theatre assistance



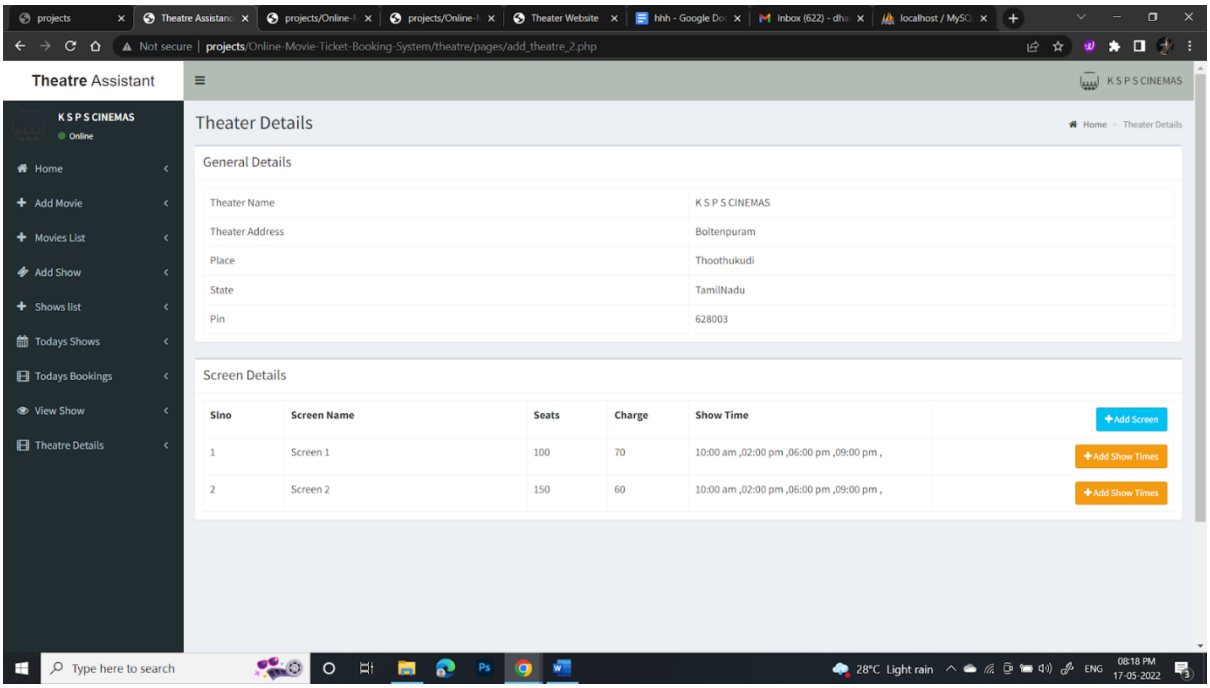
Shows



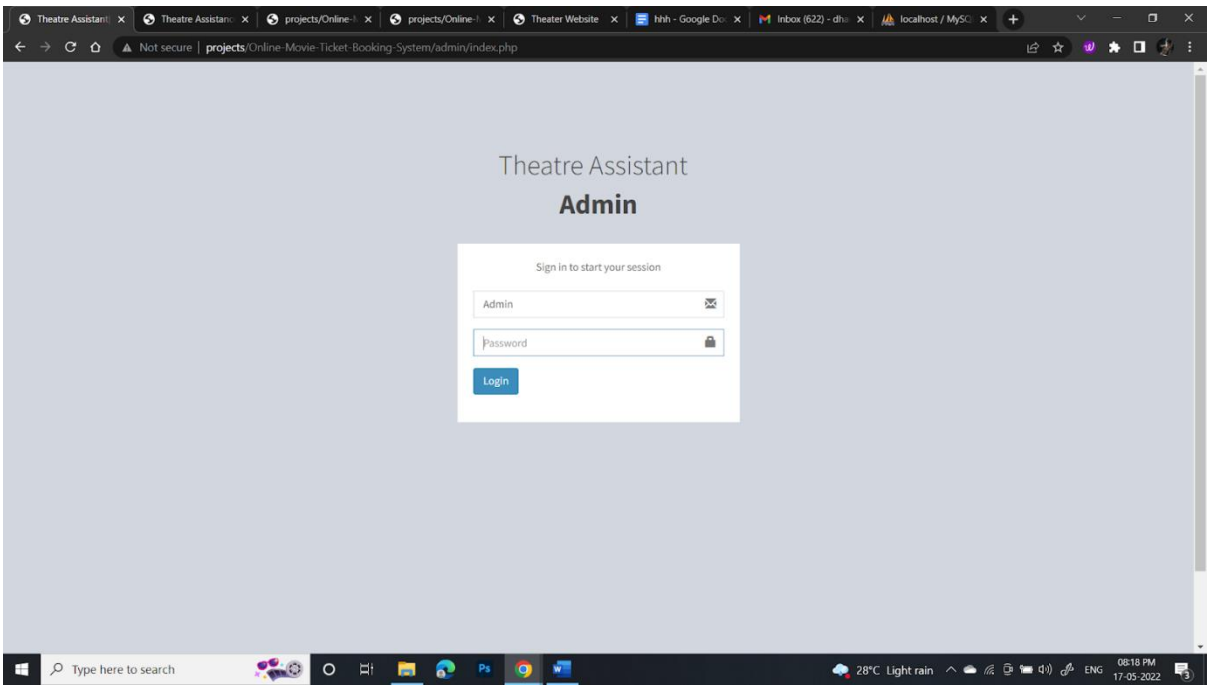
Available shows



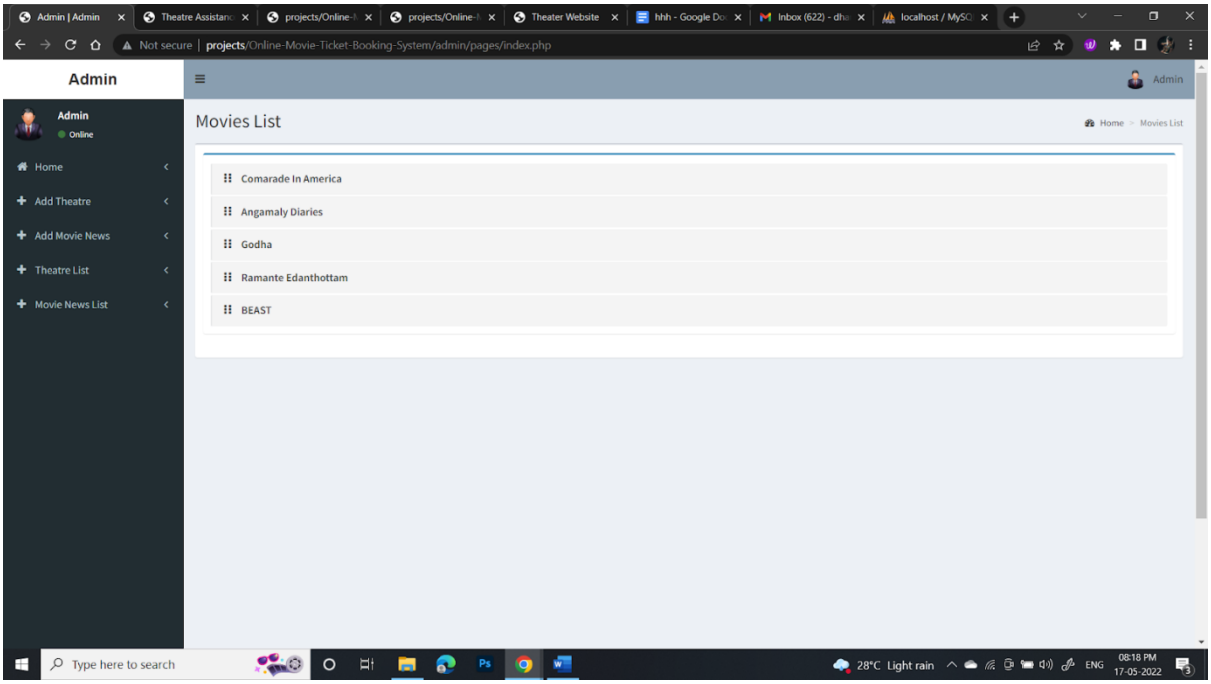
Theatre details



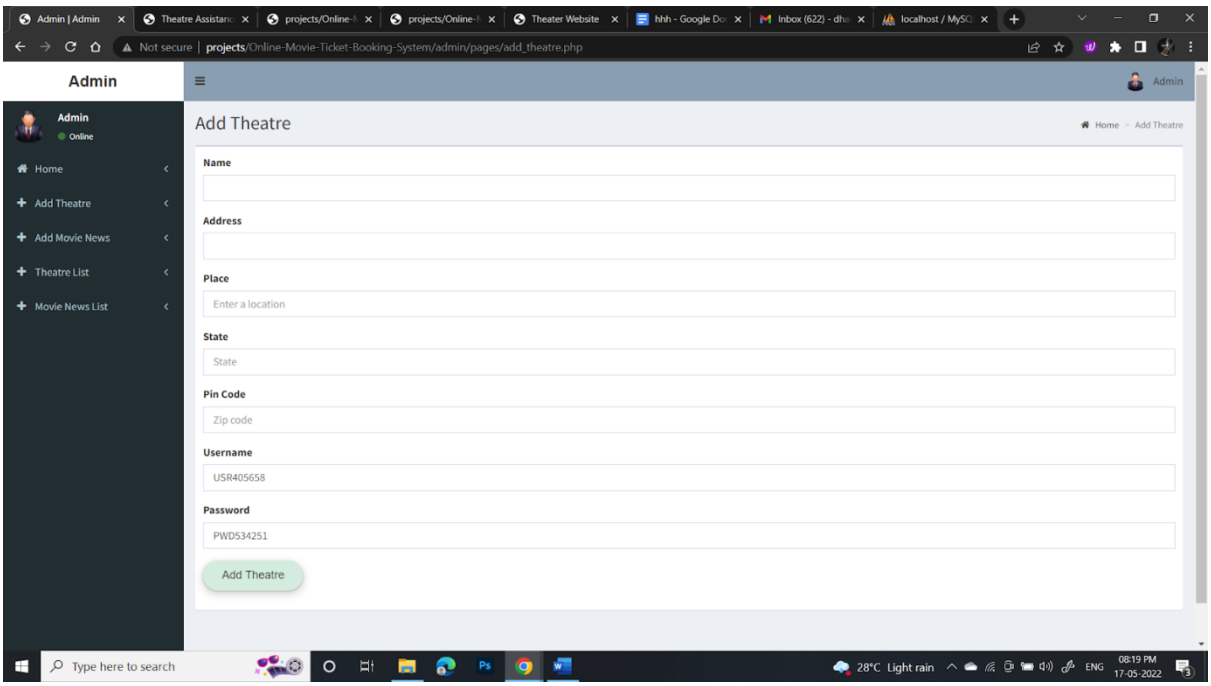
Admin Login



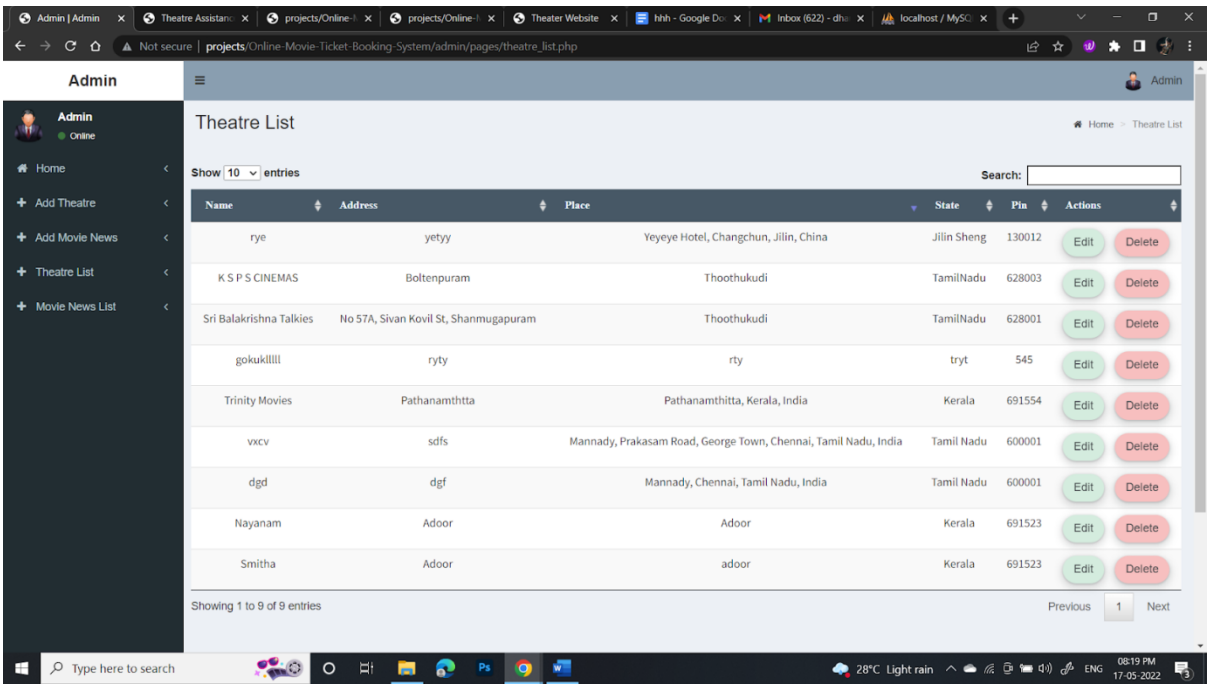
Admin homepage



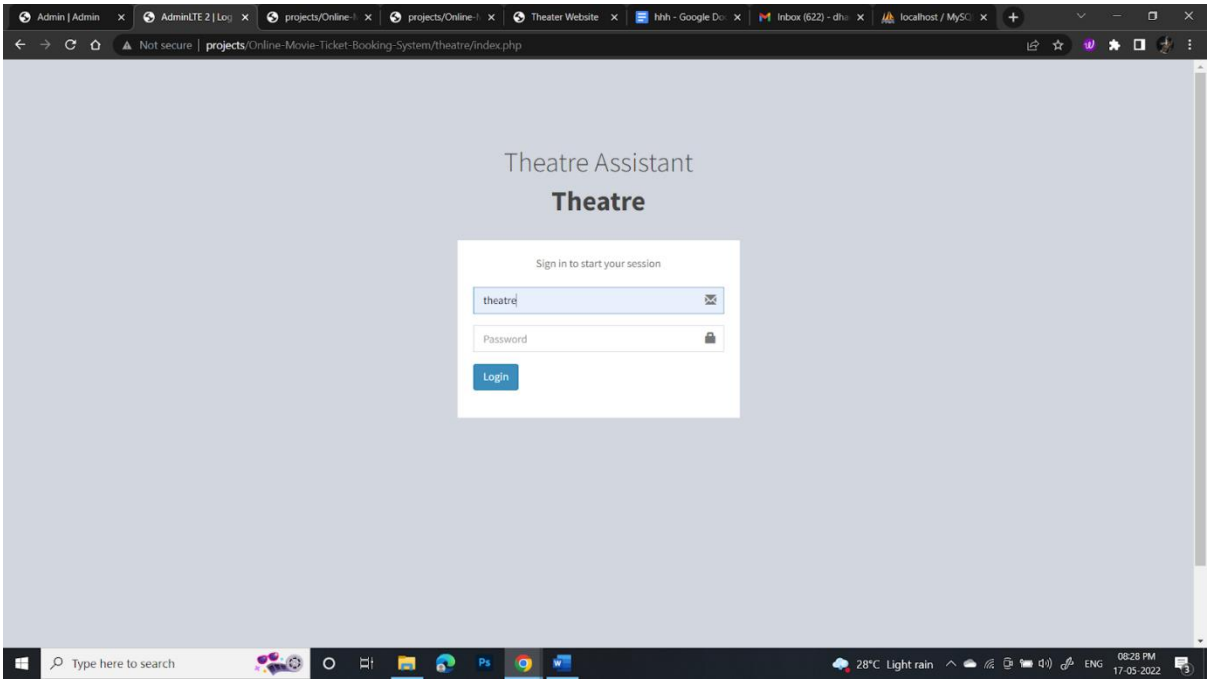
Add theatre



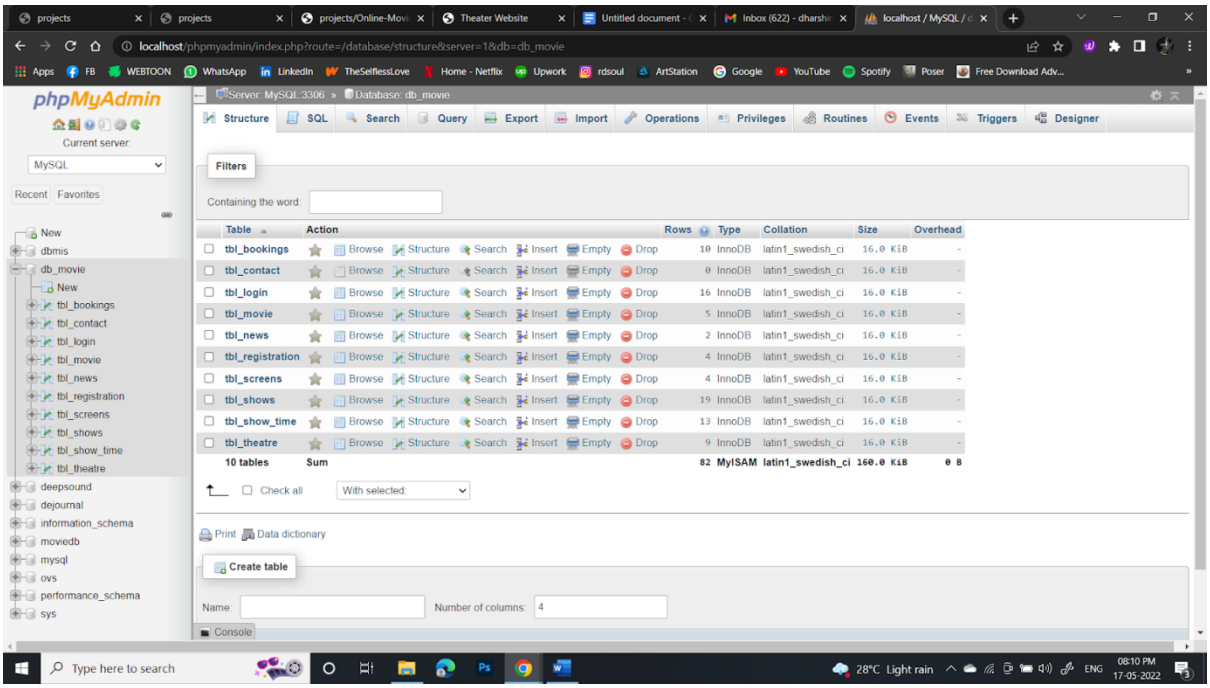
Theatre List



Theatre Login



Database



260

Project work on

"ONLINE CAR PARTS SHOPPING"

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

For the Partial Fulfillment of the requirement for the award of degree in

Bachelor of Computer Science

Submitted by

1. CHANDRA P	**19AUCS09**
2. INDHUMATHI K	**19AUCS13**
3. KAVITHA P	**19AUCS24**
4. VISHNUPRIYA R	**19AUCS48**

Under the Supervision and Guidance of

Ms.M.Jothimani B.E. M.Sc. M.Phil.,

CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with 'A+ Grade by NAAC)

This is to certify that the project report entitled "ONLINE CAR PARTS SELLING PLATFORM" is the work done by

1.Chandra P	19AUCS09
2.Indhumathi K	19AUCS13
3.Kavitha P	19AUCS24
4.Vishnu priya R	19AUCS48

In the partial fulfillment of the requirements for the Degree of B.Sc.(Computer Science) during the Academic period 2021-2022.

M. [signature]
Faculty Guide

S. [signature]
Head of the Department

Submitted for the university exam held on 23.05.2022

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

23/05/22
External Examiner

ACKNOWLEDGEMENT

TABLE OF CONTENTS

CONTENTS

S. No.	TITLE	PAGE No.
1	**INTRODUCTION** 1.1 Project Overview 1.2 Objective	2
2	**SYSTEM ANALYSIS** 2.1 Existing System 2.2 Proposed System	3
3	**SYSTEM REQUIREMENTS** 3.1 Hardware Requirements 3.2 Software Requirements	5
4	**SYSTEM OVERVIEW** 4.1 Module Description 4.2 Software Description	6
5	**SYSTEM DESIGN** 5.1 Dataflow Diagram 5.2 Database Design 5.3 Input Design 5.4 Output Design	13
6	**SYSTEM TESTING AND IMPLEMENTATION** 6.1 System Testing 6.2 System Implementation 6.3 System Maintenance	21
7	**CONCLUSION**	25
8	**FUTURE ENHANCEMENT**	26
9	**BIBLIOGRAPHIC**	27
10	**APPENDIX** A. Screenshots B. Sample Code	28 33

SYNOPSIS

ABSTRACT

This project entitled as "**ONLINE CAR PATS SELLING**" has been developed as a part of a commercial website using **PHP** as front-end tool and **MY SQL server** as backend tool under the platform of Windows 8.

The main objective of this system is to make global shopping possible, were the customers buy things from anywhere in India. The customer will be displayed with the available products of the company, and the customer will be asked to select the items based on his choice and all information about the product like price, product id model will be given to the customer based on his requirements they makes an order of the product.

Daily, special and emergency deliveries are available. At any time during off-hours, 24 hours a day, seven days a week, we can provide your records.

The Web model that was used in the implementation of the On-Line Shopping Database Application is very simple each request from the webpage invokes a request, which then communicates with the Objectivity/DB to retrieve the requested data. The resulting data is passed by a request object to. The client-side HTML that displays the result to the user.

1. INTRODUCTION

1.1 Overview of the Project :

Shopping is done in online using the internet facilities for anywhere. As we use the internet facilities we can save a lot of time by avoiding the time taken to move to the physical shop. We have services that help to send the products to the customer to their specified address. Shopping is not limited as that happens with the physical shop. As shopping is done virtually it needs less employers than that on the normal shopping methods. As shopping is not limited it helps to increase the sales.

The objective of this system is to provide an efficient solution for the manual shopping of our customers and capable of handling and meeting the company's stated and implied requirements.

1.1.1 Main objectives:

The main objective behind the development of this system is to provide a comprehensive solution that is capable of handling and meeting the company's stated and implied requirements.

1.1.2 Specific objectives:

The proposed system is developed to overcome the drawbacks of the existing system to make the customers feel easy to shop as well as extend the reach and growth of the concern using the advantages of the internet.

2. SYSTEM ANALYSIS

2.1 Existing System:

- Shopping is done normally where the customers have to move to the physical shop to do their shopping.
- It's more time consuming. Since the customer have to do every thing manually its time consuming
- Supports only a limited customer services. The customer has to wait until the stock is updated.
- Shopping is limited. Only options like buying and exchange may be done.
- Consumes lot of human resources. Since shopping is done manually there need to be too many employees employed to handle the customers.

Here shopping is done normally, where the customer have to move to the physical shop to do their shopping. Since shopping is done manually there need to be too many employees employed to handle the customers.

2.1.1 Drawbacks of the existing system:

Shopping is done in online using the internet facilities for any were.

- Saves a lot of time. As we use the Internet facilities we can save a lot of time by avoiding the time taken to move to the physical shop.
- Have a variety of customer services we have services that help to send the products to the customer specified address.

2.2 Proposed System:

The proposed system is developed to over come the draw backs of the existing system to make the customers feel easy to shop as well as extend the reach and growth of the concern using the advantages of the internet.

- Enables a globalize shopping. Shopping is not limited as that happens with the physical shop.
- Reduces the need of human resources. As shopping is done virtually it needs less employers than that on the normal shopping methods.
- Helps in the increase of sales. As shopping is not limited it helps in increase in the sales due to the provided services
- Helps to develop the organization. It also helps in the growth and familiarity of the concern due to the services that are provided.

Shopping is done online.

Shopping is done in online using the internet facilities for any were.

Saves a lot of time.

As we use the Internet facilities we can save a lot of time by avoiding the time taken to move to the physical shop.

Have a variety of customer services.

We have services that help to send the products to the customer specified address.

Enables a globalize shopping.

Shopping is not limited as that happens with the physical shop.

Reduces the need of human resources.

As shopping is done virtually it needs less employers than that on the normal shopping methods.

Helps in the increase of sales.

As shopping is not limited it helps in increase in the sales due to the provided services.

Helps to develop the organization.

It also helps in the growth and familiarity of the concern due to the services that are provided.

2.2.1 Advantages of proposed system

- It consumes very less time.
- It eliminates manual work.
- It is user friendly.
- It increases the profit of the business.

3. SYSTEM REQUIREMENTS

3.1 Hardware Requirements:

Processor	-	Intel core 2 due 2.66 GHz and advanced versions
RAM	-	1 GB and more
Hard Disk	-	500 GB and more
Mother Board	-	Intel chipset board
Mouse	-	Logitech two button
Key Board	-	104 keys keyboard
Monitor	-	“17” SVGA color monitor

3.2 Software Requirements:

Platform	:	WINDOWS 8 and advanced versions
Front-end Tool	:	PHP
Back-end Tool	:	MY SQL Server
Web Browser	:	Chrome version 6 and advanced versions

4. SYSTEM OVERVIEW

4.1 Module Description

- Menu master
- Order master
- Product master
- Customer module
- Purchase module
- Billing module
- Administrator module

4.1.1 Menu master :

This table menu master has the products information such as products name their Category. The administrator only has rights to edit this table.

4.1.2 Order master:

The table order master deals with the orders placed by the customer for the purchase purpose. The details such as information about the product and their id, delivery date etc., are dealt here.

4.1.3 Product master:

The administrator has to edit this table. He can only add or delete products. The products displayed in the list are chosen and modified only by the administrator. This table has the product details such as id, name, details, price, tax etc.

4.1.4 Customer module:

This is the first module where we will be collecting all the personal information about the customer. All personal details like name, e-mail address, address

communication of the customer, phone number and other details are collected and maintained for further use.

4.1.5 Purchase module:

This is the second module where the customer will be moving along the website viewing all the products that are displayed and also he may do purchases and add the products to the cart .He may also remove the products from his cart before it becomes an order.

4.1.6 Billing module:

This is the third module where the customer purchase details are maintained, information like the product purchased, the price of the product, and the address were the product has to be delivered is also collected , the total amount is also calculated by adding all the additional charges such as taxes and delivery charges.

4.1.7 Administrator module:

This is the fourth module where the administrator may make changes to the web sites that are like they may add new products, edit the details about the product and may also delete the products if necessary. Only the administrator is allowed to make such changes to the web site.

4.2 Software Description:

4.2.1 Front end:

- ✓ **Overview of PHP 5.0:**

PHP (acronym for: PHP Hypertext Preprocessor), is a server-side embedded scripting language. This means that it works within an HTML document to confer to it the capacity of generating content on demand. You can convert your site into a web application, not just a collection of static pages with information that may not get updated quite so often, which may be alright for a "personal" web site.

PHP is the widely-used, free, and efficient alternative to competitors such as Microsoft's ASP. PHP is perfectly suited for Web development and can be embedded directly into the HTML code.

The PHP syntax is very similar to Perl and C. PHP is often used together with Apache (web server) on various operating systems. It also supports ISAPI and can be used with Microsoft's IIS on Windows.

A PHP file may contain text, HTML tags and scripts. Scripts in a PHP file are executed on the server. Of course general scripting or programming languages like Perl, Python, etc. have also platform independence, and are open source.

PHP was designed to work on the web, and in this ambit it excels connecting and querying a database is a simple task that can be handled in 2 or 3 lines of code. The PHP scripting engine is well optimized for the response times needed on web applications it can even be part of the web server itself improving the throughput even more.

The PHP language features the usual complement of control structures, operators, variable types, function declarations and class/object declarations that we have been accustomed to expect from any compiled or interpreted language, and yet it also has features of its own. For example, in C you employ pointers, in other scripting languages this can be cumbersome or even not possible, but in PHP this is just one use of variable variables.

PHP comes with a myriad of options, both to build the distribution and also to configure an installation. PHP supports several APIs and interfaces to other programming tools .The sheer number of these tools is daunting, not to speak of the configuration possibilities for each of these.

Before we get involved in the detail of installing PHP, it would be worthwhile to consider what we would expect to do with PHP in the near future. Depending on this we need to include only those particular modules that are germane to the kind of stuff we plan to do with the installation.

Hypertext Preprocessor (PHP) is a widely used, general-purpose scripting language that was originally designed for web development to produce dynamic web pages. For this purpose, PHP code is embedded into the HTML source document and interpreted by a web server with a PHP processor module, which generates the web page document. As a general-purpose programming language, PHP code is processed by an interpreter application in command-line mode performing desired operating system operations and producing program output on its standard output channel. It may also function as a graphical application. PHP is available as a processor for most modern web servers and as standalone interpreter on most operating systems and computing platforms.

PHP was originally created by Rasmus Lerdorf in 1995 and has been in continuous development ever since. The main implementation of PHP is now produced by The PHP Group and serves as the de facto standard for PHP as there is no formal specification. PHP is free software released under the PHP License, which is incompatible with the General Public License (GPL) because restrictions exist regarding the use of the term PHP.

- ✓ **Usage:**

PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on most web servers, many operating systems and platforms, and can be used with many relational database management systems. It is available free of

charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use.

PHP primarily acts as a filter, taking input from a file or stream containing text and/or PHP instructions and outputs another stream of data; most commonly the output will be HTML. Since PHP 4, the PHP parser compiles input to produce byte code for processing by the Zend Engine, giving improved performance over its interpreter predecessor.

Originally designed to create dynamic web pages, PHP now focuses mainly on server-side scripting, and it is similar to other server-side scripting languages that provide dynamic content from a web server to a client, such as Microsoft's Active Server Pages, Sun Microsystems' JavaServerPages, and mod_perl. PHP has also attracted the development of many frameworks that provide building blocks and a design structure to promote rapid application development (RAD). Some of these include CakePHP, Symfony, CodeIgniter, and Zend Framework, offering features similar to other web application frameworks.

The LAMP architecture has become popular in the web industry as a way of deploying web applications. PHP is commonly used as the P in this bundle alongside Linux, Apache and MySQL, although the P may also refer to Python or Perl or some combination of the three.

- ✓ **Hyper Text Markup Language (HTML) :**

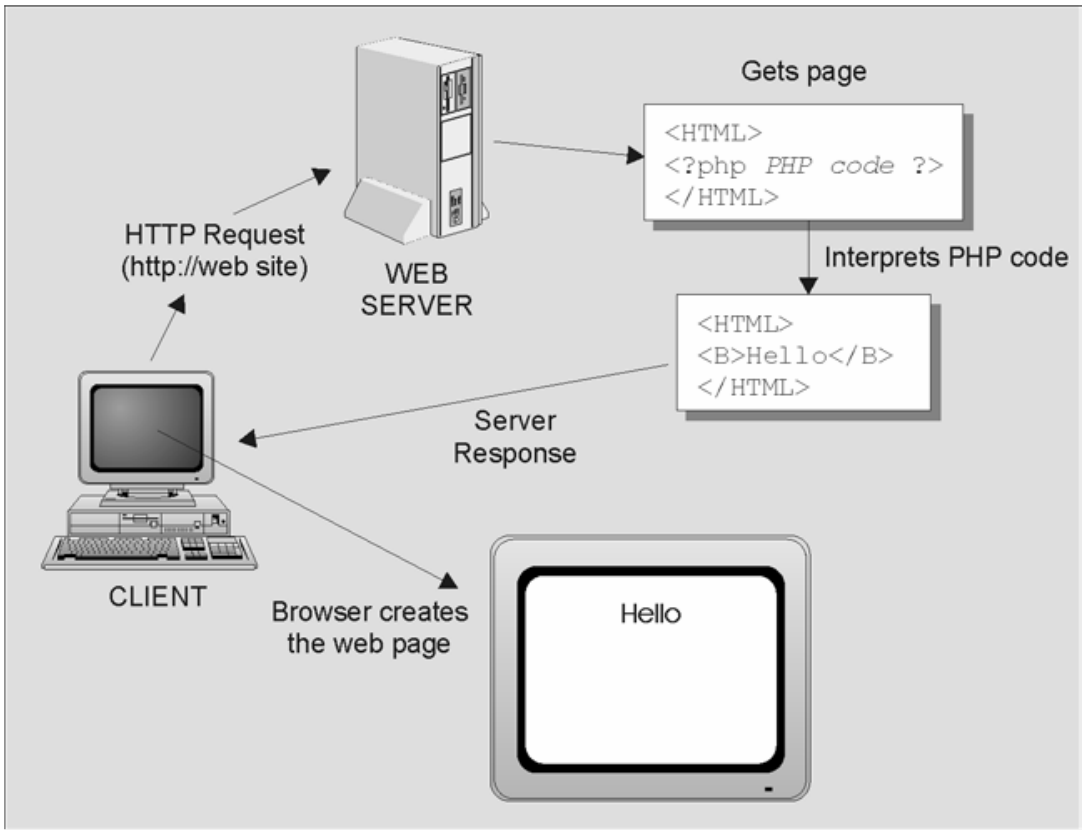
HTML stands for Hyper Text Markup Language. Hypertext is ordinary text that has been dressed up with extra features, such as formatting, images, multimedia, and links to other documents. Mark up is the process of taking ordinary text and adding extra symbols. Language is actually a key point to remember about HTML. HTML is a universal language for classifying the function of different sections of a document. It is neither a page-layout language nor a printing language. This allows documents to be displayed on many different kinds of platforms. HTML is flexible to work on the website with their variety of commands.

As a formatting language, HTML utilizes SGML (Standard General Markup Language) and Document Type Declarations (DTD). SGML document has three main parts. The first part defines the character set to be used and tells which character i that set distinguishes text for markup tags. Markup tags specify how the viewer application or browser should present the text to the user.

The second part specifies the document and states which markup tags are legal. The third part called the document instance contains the actual text and markup tags. Because there is no requirement that the three parts of an SGML document reside in the same physical file, we can concentrate on the document instance. The web pages created are document instances.

- ✓ **Platforms and Web Servers:**

PHP is supported on quite a few platforms, many of them UNIX-like and of course on Microsoft's operating systems supporting the Win32 environment. Since PHP cannot do much without a web server, when we talk of installing PHP on a platform, we also need to take into consideration the web server that we plan to use.



4.2.2 Back-End:

- ✓ **MY-SQL 4.0:**

MySQL is a full-featured relational database management system. It is very stable and has proven itself over time. MySQL has been in production for over 10 years. MySQL is a multithreaded server. *Multithreaded* means that every time someone establishes a connection with the server, the server program creates a thread or process to handle that client's requests. This makes for an extremely fast server. In effect, every client who connects to a MySQL server gets his or her own thread.

Yet another feature of MySQL is its portability—it has been ported to almost every platform. This means that you don't have to change your main platform to take advantage of MySQL. And if you do want to switch, there is probably a MySQL port for your new platform.

MySQL also has many different application programming interfaces (APIs). They include APIs for Perl, TCL, Python, C/C++, Java (JDBC), and ODBC. So no matter what your company's expertise is, MySQL has a way for you to access it.

MySQL is also very cheap. For an unlicensed, full version of MySQL, the cost is nothing. To license your copy will currently cost you $200. This is an incredible deal, considering what you are getting for your money.

Database systems that provide half the features that MySQL has can cost tens of thousands of dollars. MySQL can do what they do better and for less.

MySQL is a relational database. It uses tables and columns to hold data that can be related by keys. It is well suited for this role. It is also very well suited for various architectures. It can be used in a strictly client/server architecture or as a standalone database.

- ✓ **The MySQL Supported Type:**

MySQL has various data types that support different functions. A data type is the type of data a column will store. There can be many different data types inside a table, but each column will store its own specific type of information. You can think of a data type as a kind of definition for a column.

A column defined as an integer column will only hold numeric information, whereas a column defined as a CHAR (10) will hold up to 10 alphanumeric characters. These definitions are the key to a quick and efficient database. There are basically three groups of data formats. The first is obviously numeric. Numeric data is data that is a positive or negative number such as 4 or -50.

Numeric data can also be in hexadecimal format (2ee250cc), scientific notation (2X10^23), or a decimal. The second type is character or string format. This format can consist of letters and numbers, whole words, addresses, phone numbers, and generally anything you have to put quotations around.

It consists of everything that doesn't quite fit into either of the other two categories. Some, like dates and times, could be alphanumeric but are stored like numbers. As well as data types, MySQL also provides column modifiers. These modifiers further help define a column's attributes.

They are AUTO_INCREMENT, UNSIGNED, PRIMARY KEY, NULL, NOT NULL, and BINARY. A more detailed discussion of column modifiers takes place following the coverage of the basic data types.

MySQL runs on many platforms, and binaries are available for most of them. Binaries are the result of compiling the source code. This is by far the easiest way of acquiring MySQL. The alternative is downloading the source code for your platform and then compiling it.

MySQL has many utilities to import as well as export data. It shares some of the common options, but this utility does a little more. It takes the entire database and dumps it into a single text file.

This file contains all the SQL commands needed to recreate your database. It takes the schema and converts it to the proper DDL syntax (**CREATE** statements), and it takes all the data and creates **INSERT** statements out of them. This utility reverse engineers your database.

5. SYSETM DESIGN

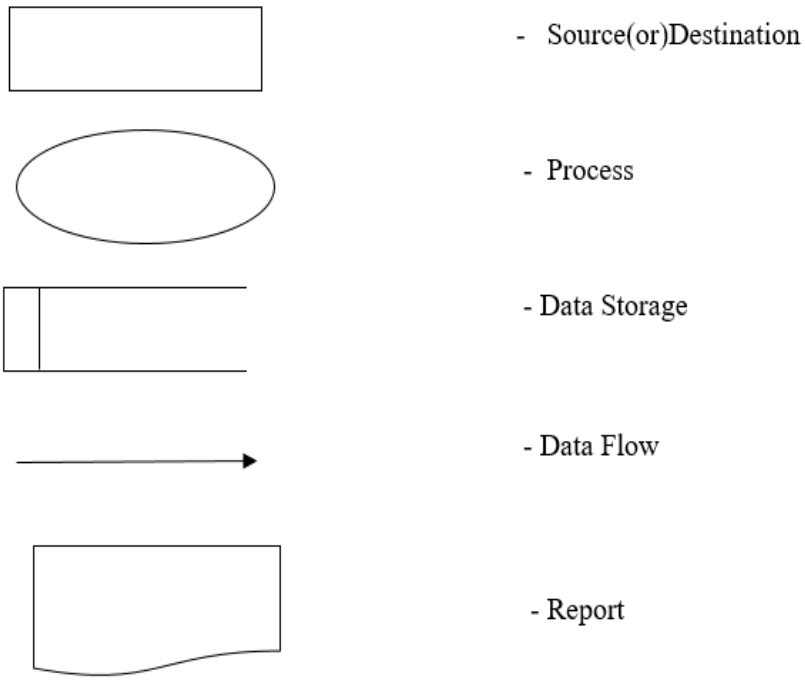
5.1 Data Flow Diagram:

Data flow diagram (DFDs) is commonly used in problem in understanding the system and can be effectively used for partitioning during analysis. DFD shows the flow of data through a system manual or automated including the process, data store, delays in the system. DFDs are thus central tool and the basis from which input to output through may be described logically and independent of physical components. It shows the movement of data through different transformations in the system.

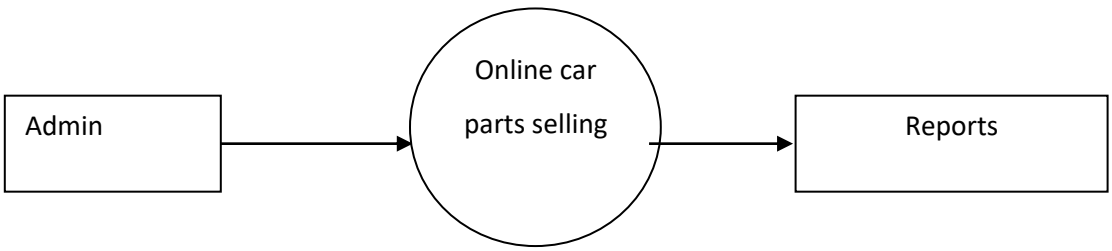
Data flow diagrams are commonly used during problem analysis they are very useful in understanding a system and can be effectively used during analysis.

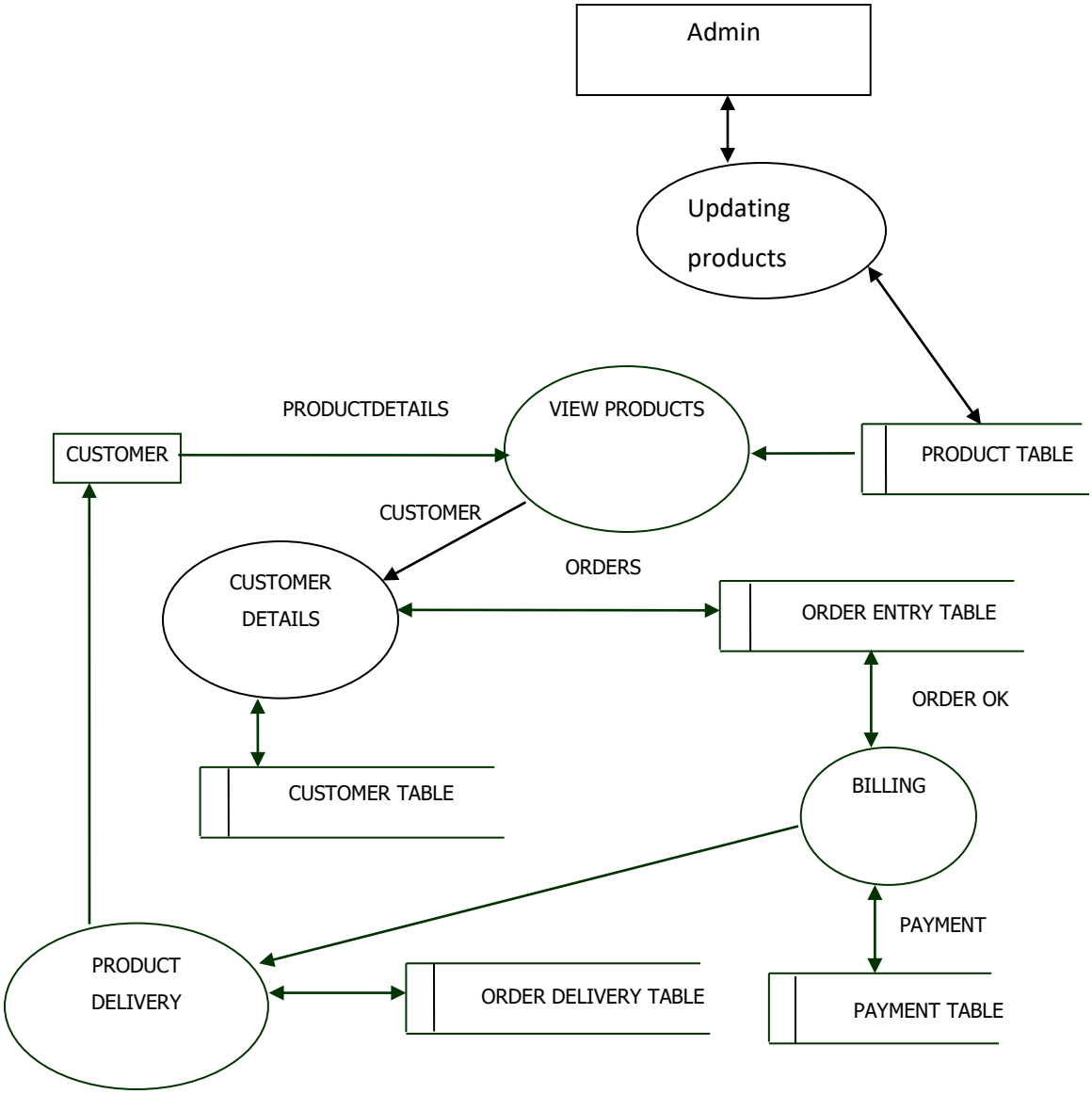
A data flow diagram shows the flow of data through a system. It views a system as a function that transforms the inputs into desired outputs. The graphical representation of the system makes it a good communication tool between a user and analysis.

A data flow diagram has the purpose of clarification system requirements and identifying major transformation that will become programs in system design. It consists of a series of bubbles joined by line. The bubbles represent data transformation and lines represent dataflow in the system.

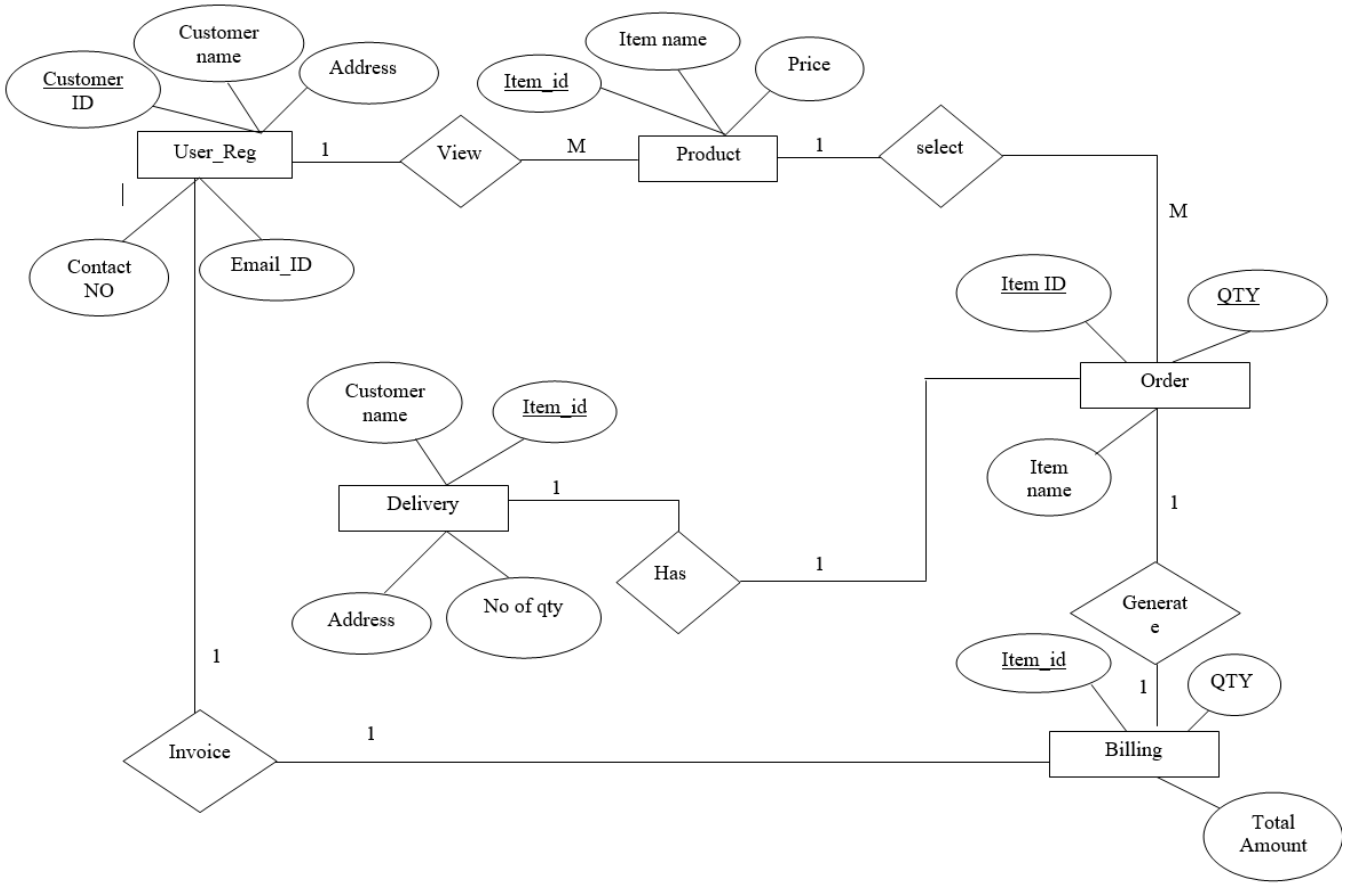


Level 0





5.1.1 Entity Relationship Diagram:



5.2 Database design:

A database is a collection of stored data organized in such a way that all the data requirements are satisfied. In order to design the database and the tables used in the system, MS Access provides extra optional facilities which aid and control each user's

access to use the database for adding, modifying and retrieving data and facilitate data independence, integrity and security.

5.2.1 Table Design:

Database Name: e_shopping_dp

Table Name: cart_tb

Primary key: Id

Field Name	Data type	Size	Description
Id	Int	15	Id
Session_id	Varchar	10	Session_id
Product_id	int	5	Product_id
Quty	Varchar	10	Quty

Table Name: clients_tb

Primary key: clientId

Field Name	Data type	Size	Description
clientId	Int	15	clientId
Cmp_name	Varchar	30	Cmp_name
Cmp_id	Int	10	Cmp_id
Password	Varchar	20	Password
Logo	BLOB	0	Logo
Mail	Varchar	30	Mail
Address	Varchar	100	Address
Contact	Int	10	Contact

Table Name: feedback_tb

Foreign key: clientId

Field Name	Data type	Size	Description
clientId	Int	15	clientId
From_user	Varchar	100	From_user
Date	Date	10	Date
Feedback	Varchar	100	Feedback

Table Name: gust_tb

Primary key: gust_id

Field Name	Data type	Size	Description
gust_id	Int	15	gust_id
Fname	Varchar	30	Fname
Lname	Varchar	5	Lname
Mail	Varchar	20	Mail
Phone	Int	10	Phone
Address1	Varchar	30	Address1
Address2	Varchar	30	Address2
City	Varchar	20	City
Postal	Varchar	8	Postal
Comments	Varchar	100	Comments
Sessionid	Varchar	15	Sessionid

Table Name: order_register_tb

Foreign key: User_id

Field Name	Data type	Size	Description
User_id	Varchar	30	User_id
Session_id	Varchar	5	Session_id
Comments	Varchar	100	Comments
Status	Varchar	100	Status

Table Name: subcat_tb

Primary key: Car_id

Field Name	Data type	Size	Description
Id	Int	15	Id
Car_id	Int	20	Car_id
Name	Varchar	20	Name

Table Name: product_tb

Primary key: productId

Field Name	Data type	Size	Description
productId	Int	15	productId
Product_name	Varchar	30	Product_name
Brand	Varchar	30	Brand
Product_code	Varchar	10	Product_code
Stock	Int	10	Stock
Price	Varchar	10	Price
Description	Varchar	30	Description
Image1	BLOB	0	Image1
Image2	BLOB	0	Image2
Image3	BLOB	0	Image3
Image4	BLOB	0	Image4
Type	Varchar	10	Type

Table Name: user_register_tb

Primary key: userid

Field Name	Data type	Size	Description
userid	Int	15	userid
Fname	Varchar	30	Fname
Lname	Varchar	10	Lname
Email	Varchar	20	Email
Password	Varchar	10	Password
Address1	Varchar	20	Address1
Address2	Varchar	15	Address2
City	Varchar	20	City
Postal	Int	8	Postal
Contact	Int	15	Contact

6. SYSTEM TESTING AND IMPLEMENTATION

6.1 System Testing:

System testing is actually a series of different tests whose primary objective is to fully exercise the computer-based system. Each test is having its own purpose, and all

work should verify that all system elements have been properly integrated and perform allocated functions. This helps us to rectify a problem if occurs in our project. This helps us to do various testing depending upon the project such as security testing, validation testing, integration testing, unit testing etc...

By verifying the system one can verify the proper function of the system. The primary purpose is to fully exercise the computer based system. Although each test has different purpose, all the work should verify that all the system elements have been properly integrated and perform the allocated function. The types of some tests are listed below.

6.1.1 White Box Testing:

This method that uses the control structure of the procedural design to derive test cases. With this white box testing it is able to test all the independent paths are examined or exercised with their true and false. It also uses the external data structure to ensure their validity.

6.1.2 Black Box Testing:

This testing method focus on the functional requirements of the software. This tests the fully functional conditions of the program. This is used likely uncover the errors than the white box testing. It finds the errors in the following parts:

1. Incorrect of missing functions,
2. Interface errors,
3. Errors in data structures or external database access,
4. Performance errors,
5. Initialization and termination errors.

6.1.3 Comparison Testing:

This is a method that a way of alternate software exactly as the existing one is developed by another team and this will be very useful in critical situations. This new software is tested with the identical inputs as the previous one to check whether it satisfies the existing terms and conditions.

6.1.4 Security Testing:

This is used to verify the protection mechanisms built into the system that protect it from illegal penetration .Penetration spans a broad range of activities because of hackers who attempt to penetrate systems for sport and disgruntled employees who want to destroy some details.

6.1.5 Unit Testing:

This test focuses on system individually ensuring that it functions properly as an individual unit according to solve the requirements of the particular module. This enable to correct and detect errors .this testing is always a white box oriented one and the process may be in parallel.

6.1.6 Validation Testing:

Validation testing succeeds when the software functions in a good manner as expected by the customer in this project all the module are validated using this methodology.

6.2 System Implementation:

Implementation is the stage when the theoretical design is turned into working system. The implementation phase constructs installs and operationally the new system.

The most crucial stage in achieving a new successful system and is giving confidence on new system for users, that will work effectively.

Since the system is going to function in online it involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve, and change over methods.

6.2.1 Implementation Procedure:

The final delivery of the system provides the opportunity to review the whole conduct of the project, achievements, failures, and provide experience, which are very helpful in developing future projects.

In case of post implementation review of On-line shopping system performance is analyzed by various testing undergone, online response time, the user messages, and user satisfactory service, the performance of each web forms, the sessions in the project, the memory required and the Site downloading speed. All these things are verified and the conversion is done.

6.2.2 Operational Documentation:

Documentation means of communication; it establishes design and performance criteria for phases of the project. Documentation is descriptive information that portrays the use and / or operation of the system.

6.2.3 Documentation tools:

Document production and desktop publishing tool support nearly ever aspect of software developers. Most software development organizations spend a substantial amount of time developing documents, and in many cases the documentation process itself is quite inefficient. It is not use unusual for a software development effort on documentation. For this reason, documentation tools provide an important opportunity to improve productivity.

6.2.4 System Maintenance:

Maintenance covers the activities such as correcting, coding and debugging errors. Updating documentation and test data and upgrading user support. Many activities are actually enhancements.

Four types of maintenance are performed on computer software

- Corrective Maintenance
- Adaptive Maintenance
- Perfect maintenance
- Preventive Maintenance

Corrective maintenance acts to correct errors that are uncovered after the software is in use. The On-line shopping system undergoes this maintenance due to some false assumption like details of the user and wrong assumption of the products.

Adaptive Maintenance is applied when changes in the external environment precipitate modifications to software. The system undergo this maintenance add additional enhancement.

Perfective Maintenance incorporates enhancements that are requested by the user community. The system will updated according to fulfil user requirements in the On-line shopping system, so this maintenance is done.

Preventive Maintenance improves future maintainability and reliability and provides a basis for future enhancement of the On-line shopping system. This helps the system to be reliable and easy to when additional enhancement is done.

7. CONCLUSION

The complete design and development of the system "**Online car parts selling**" is presented in this project. Good amounts of user-friendly have been incorporated in the On-line shopping system and it is possible for any user to exploit these features to get the maximum benefit.

The programming techniques used in the design of the system provide a scope for further expansion and implementation of any changes, which may occur in future.

The main aim behind the development of this system is to provide a comprehensive solution that is capable of handling and meeting the company's stated and implied requirements.

8. FUTURE ENHANCEMENT

Though the system has been successfully working with currently developed modules, the following enhancements have been planned.

- Upgrade the accessing mechanism to accommodate user specific needs.
- Then it may be developed as user friendly interface, hence providing a good interaction between the customer and the administrator.
- It is possible to change the color and then price in a particular item.
- And in future they construct on-line chat club for their customer to discuss their doubts with the administrator at any time.

9. BIBLIOGRAPHY

9.1 Reference books:

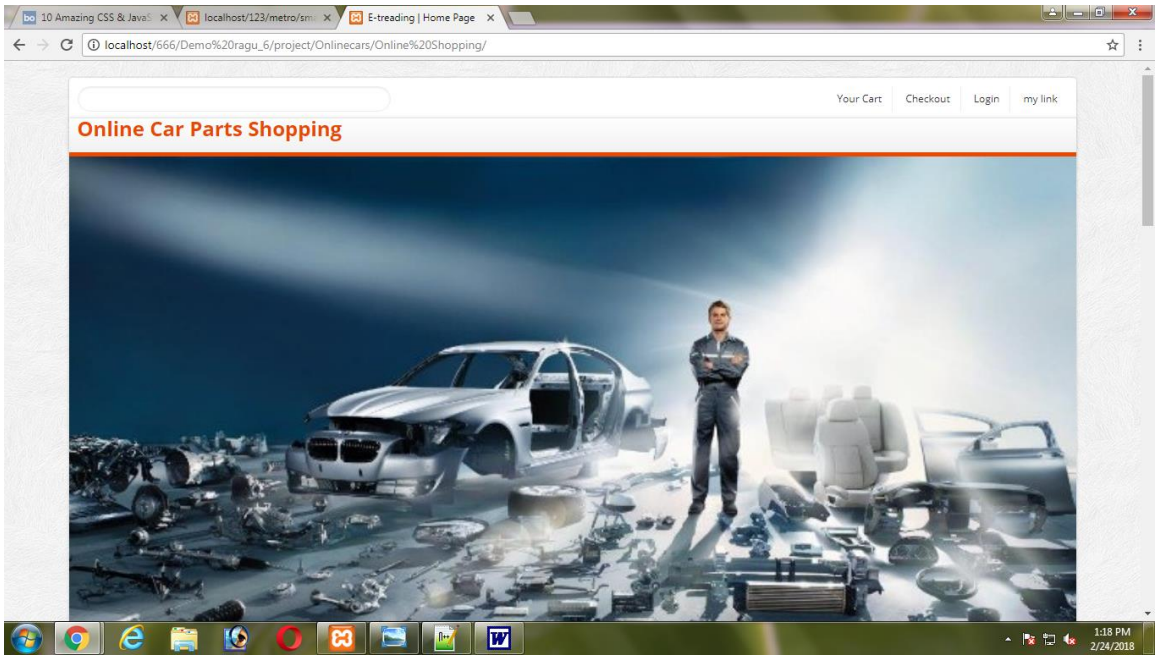
1. "PHP Cook Book", Adam Trachtenberg, Orreilly & Associates Publication, First Edition, 2003.
2. "PHP Black Book", Peter Moulding, Coriolis Group Publication, Fifth Edition, 2005.
3. "New PHP Program with MySQL", Dongosselin, Course Technology Publication, 2008.
4. "Learning PHP, MySQL and JavaScript", Robin Nikson, Orreilly & Associates Publication, Third Edition, 2009.

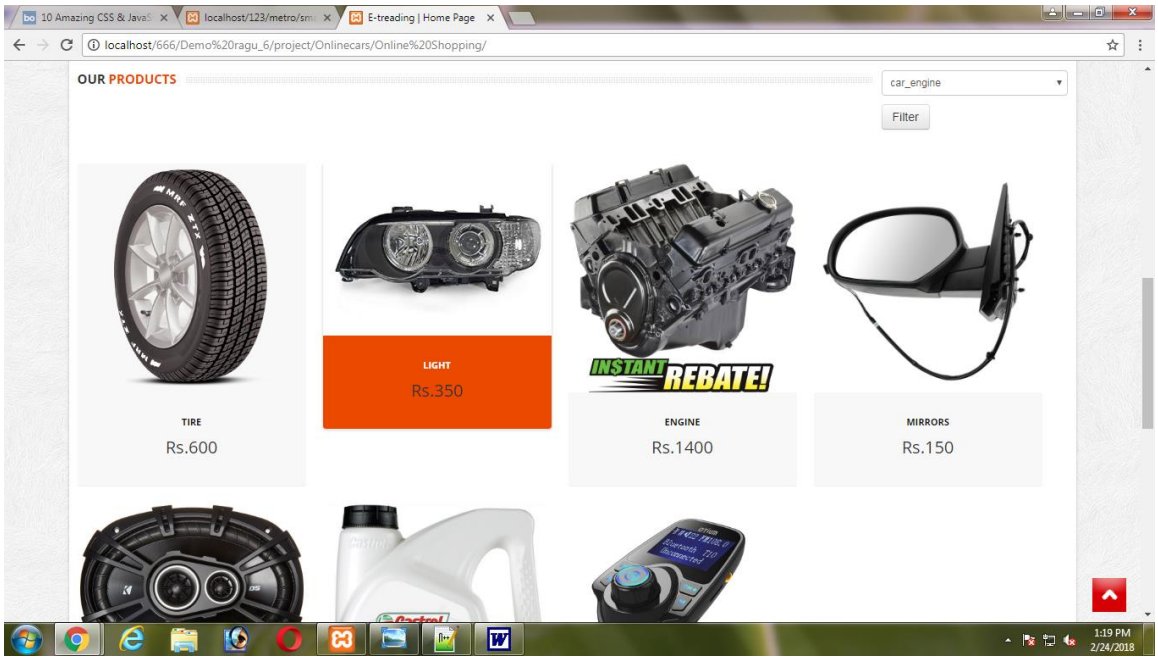
9.2 Website reference:

1. www.w3schools.com
2. www.codeproject.com
3. www.sourcecode.com
4. www.wikipedia.com
5. www.onlineprojects.com

10. APPENDIX

A. Screenshots:





Press F11 to exit full screen

PRODUCT DETAIL

Brand: MRF
Product Code: PCODE14
Availability: Available

Price: Rs.600

Qty: 1 Add to cart

10 Amazing CSS & Java | localhost/123/metro/sm | E-treading | Home Page
localhost/666/Demo%20ragu_6/project/Onlinecars/Online%20Shopping/product_detail.php?id=14

localhost says:

Your Product Added to Cart Sucessfully

OK

Brand: MRF
Product Code: PCODE14
Availability: Available

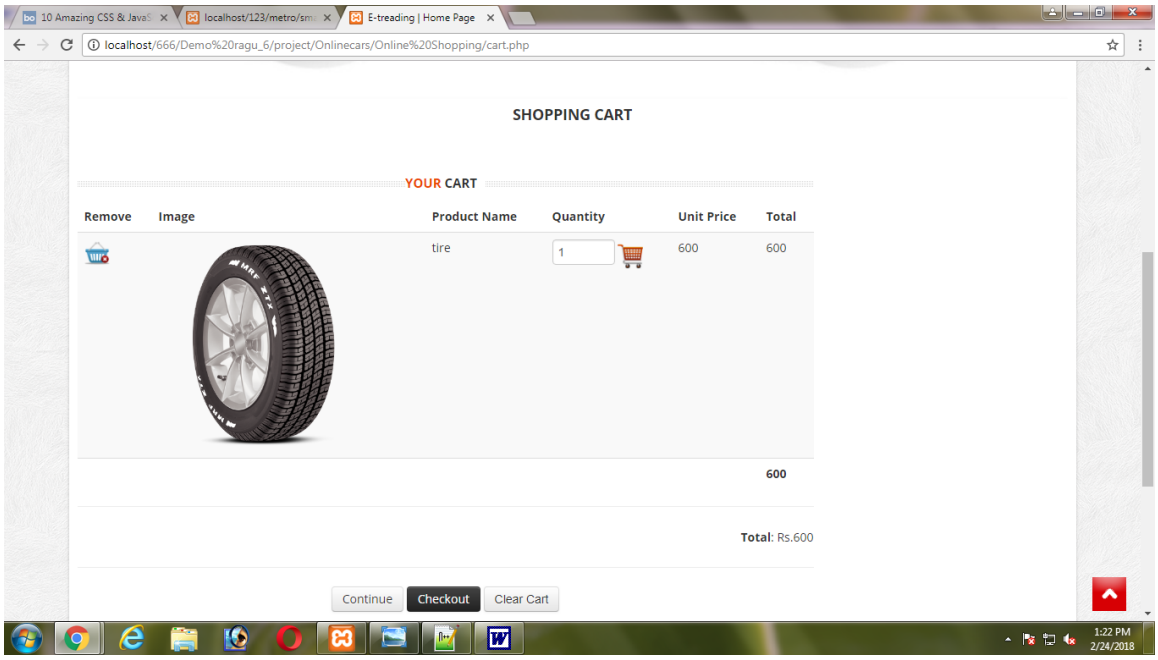
Price: Rs.600

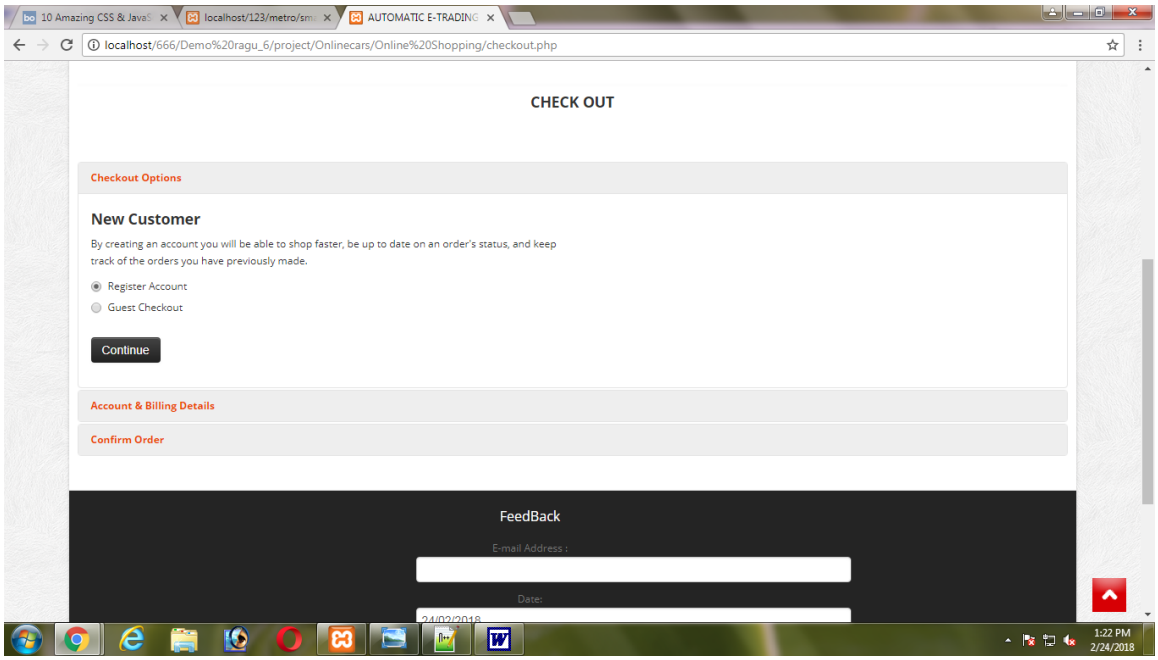
Qty: 1 Add to cart

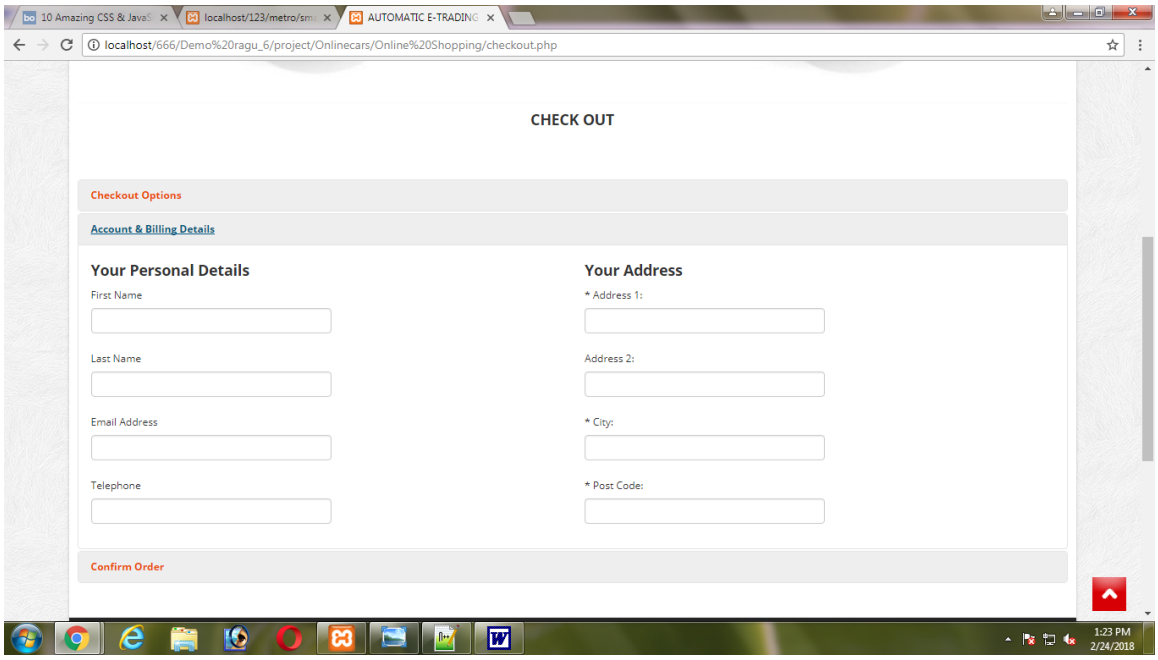
Description

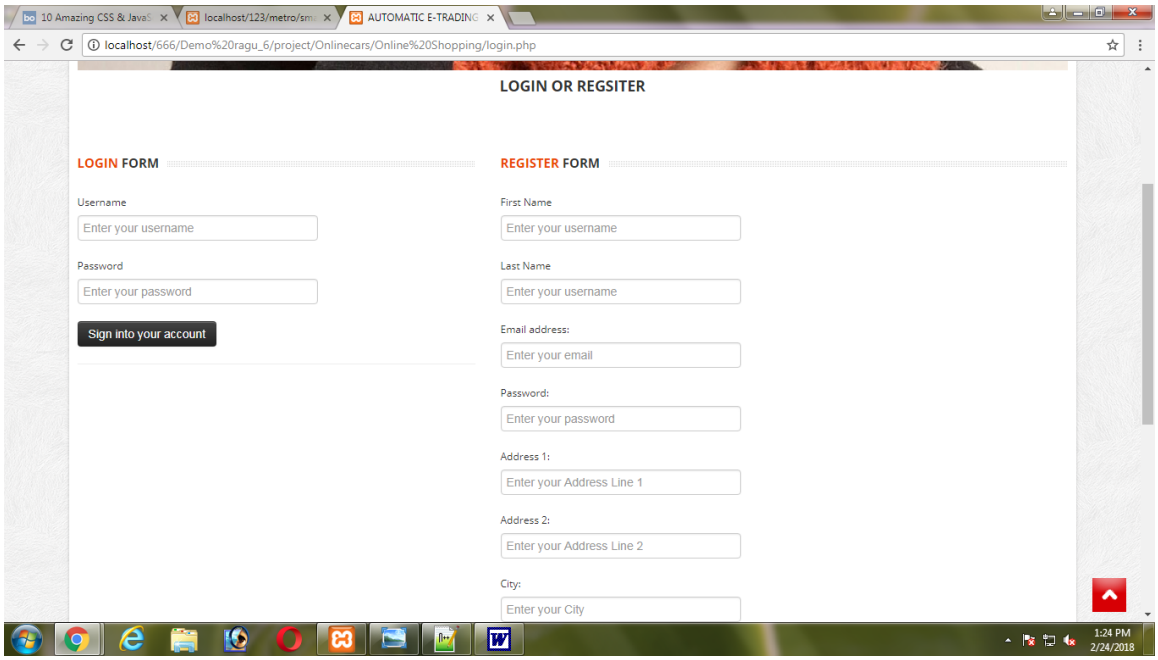
Tread design optimized for tyre life, comfortable and quiet ride. Better grip and traction due to curvilinear tread pattern.

1:20 PM
2/24/2018


10 Amazing CSS & JavaS
localhost/123/metro/sm
E-treading | Home Page
localhost/666/Demo%20ragu_6/project/Onlinecars/Online%20Shopping/cart.php
SHOPPING CART
YOUR CART
Remove
Image
Product Name
Quantity
Unit Price
Total
tire
1
600
600
600
Total: Rs.600
Continue
Checkout
Clear Cart
1:22 PM
2/24/2018


10 Amazing CSS & JavaS
localhost/123/metro/sm
AUTOMATIC E-TRADING
localhost/666/Demo%20ragu_6/project/Onlinecars/Online%20Shopping/checkout.php
CHECK OUT
Checkout Options
New Customer
By creating an account you will be able to shop faster, be up to date on an order's status, and keep track of the orders you have previously made.
Register Account
Guest Checkout
Continue
Account & Billing Details
Confirm Order
FeedBack
E-mail Address :
Date:
1:22 PM
2/24/2018


10 Amazing CSS & JavaS
localhost/123/metro/sm
AUTOMATIC E-TRADING
localhost/666/Demo%20ragu_6/project/Onlinecars/Online%20Shopping/checkout.php
CHECK OUT
Checkout Options
Account & Billing Details
Your Personal Details
First Name
Last Name
Email Address
Telephone
Your Address
* Address 1:
Address 2:
* City:
* Post Code:
Confirm Order
1:23 PM
2/24/2018


10 Amazing CSS & JavaS
localhost/123/metro/sm
AUTOMATIC E-TRADING
localhost/666/Demo%20ragu_6/project/Onlinecars/Online%20Shopping/login.php
LOGIN OR REGSITER
LOGIN FORM
Username
Enter your username
Password
Enter your password
Sign into your account
REGISTER FORM
First Name
Enter your username
Last Name
Enter your username
Email address:
Enter your email
Password:
Enter your password
Address 1:
Enter your Address Line 1
Address 2:
Enter your Address Line 2
City:
Enter your City
1:24 PM
2/24/2018

. Sample Coding:

Product_details.php

```
<?php
	ob_start();
	session_start();

	$_SESSION['sessionid']=session_id();




?>
<!DOCTYPE html>
<html lang="en">
	<head>
		<meta charset="utf-8">
		<title>E-treading | Home Page</title>
		<meta name="viewport" content="width=device-width, initial-
scale=1.0">
		<meta name="description" content="">
		<!--[if ie]><meta content='IE=8' http-equiv='X-UA-
Compatible'/><![endif]-->
	<script src="Ajax/jquery.js"></script>

	<script language="javascript" type="text/ecmascript">
				function addtocart()
				{
					$.ajax({
						url : 'addtocart.php',
						type:'POST',
						data:{quty:$("#cart_val").val()},
```

```
                                        success: function(data)
                                        {
                                                if(data)
                                                {
                                                        alert('Your Product Added to Cart
Sucessfully');
                                                }
                                        }
                                        });
                        }

                </script>
                <!-- bootstrap -->
                <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
                <link href="bootstrap/css/bootstrap-responsive.min.css" rel="stylesheet">

                <link href="themes/css/bootstrappage.css" rel="stylesheet"/>

                <!-- global styles -->
                <link href="themes/css/flexslider.css" rel="stylesheet"/>
                <link href="themes/css/main.css" rel="stylesheet"/>

                <!-- scripts -->
                <script src="themes/js/jquery-1.7.2.min.js"></script>
                <script src="bootstrap/js/bootstrap.min.js"></script>

                <script src="themes/js/superfish.js"></script>
                <script src="themes/js/jquery.scrolltotop.js"></script>
                <!--[if lt IE 9]>
                        <script
src="http://html5shim.googlecode.com/svn/trunk/html5.js"></script>
```

```
                    <script src="js/respond.min.js"></script>
                <![endif]-->
            </head>
    <body>
                <div id="top-bar" class="container">
                    <div class="row">
                        <div class="span4">
                            <form method="POST" class="search_form">
                                <!-- <input type="text" class="input-block-
level search-query" Placeholder="eg. T-sirt"> -->
                            </form>
                        </div>
                        <div class="span8">
                            <div class="account pull-right">
                                <ul class="user-menu">


                                    <li><a href="cart.php">Your
Cart</a></li>
                                    <li><a
href="checkout.php">Checkout</a></li>
                                    <li><a
href="login.php">Login</a></li>
                                </ul>
                            </div>
                        </div>
                    </div>
                </div>
                <div id="wrapper" class="container">
                    <section class="navbar main-menu">
```

```
                    <div class="navbar-inner main-menu">

                        <a href="index.php" class="logo pull-left"><div
style="padding-bottom:2px; font-size:24px;padding-top:2px;"><strong>AUTOMATIC
E-TRADING</strong></div>  </a>
                        <nav id="menu" class="pull-right">

                        </nav>
                    </div>
                </section>
                <section class="header_text sub">
                <img class="pageBanner" src="themes/images/ben.jpg" alt="New
products" >
                    <h4><span>PRODUCT DETAIL</span></h4>
                </section>

        <?php
                    include"config.php";


                    $id=$_SESSION['prdtid']=$_GET['id'];

                    $get_data=mysql_query("select * from product_tb where Id
='$id'") or die(mysql_error());

                    while($row=mysql_fetch_array($get_data))
                    {

                ?>
                <section class="main-content">
                    <div class="row">
```

```
                                        <div class="span9">
                                            <div class="row">
                                                <div class="span4">
                                                    <a
href="Admin/Procdct/Our/<?php echo $row['Image1']; ?>" class="thumbnail" data-
fancybox-group="group1" title="Description 1"><img alt=""
src="Admin/Procdct/Our/<?php echo $row['Image1']; ?>"></a>

                                                    <ul class="thumbnails
small">

                                                    </ul>
                                                </div>

                                                <div class="span5">
                                                    <address>

        <strong>Brand:</strong> <span><?php echo $row['Brand']; ?></span><br>
                                                        <strong>Product
Code:</strong> <span><?php echo $row['Product_code']; ?></span><br>


        <strong>Availability:</strong> <span><?php

                                                        if($row['Stock']==0)
                                                        {
                                                            echo "Out Of
Stock";
                                                        }
                                                        else
                                                        {
```

```
                                                    echo
"Available";
                                                    }

                                                    ?></span><br>

                                                </address>

                                                <h4><strong>Price:
Rs.<?php echo $row['Price']; ?></strong></h4>
                                            </div>
                                            <div class="span5">
                                                <Div class="form-inline">


                                                    <p> </p>
                                                    <label>Qty:</label>
                                                    <input type="text"
class="span1" value="1" id="cart_val">
                                                    <button class="btn
btn-inverse" onClick="addtocart()" type="submit">Add to cart</button>
                                                </div>
                                            </div>

                                        </div>
                                        <div class="row">
                                            <div class="span9">
                                                <ul class="nav nav-tabs"
id="myTab">
                                                    <li class="active"><a
href="#home">Description</a></li>
```

```
                                                    </ul>

                                                    <div class="tab-content">
                                                        <div class="tab-pane
active" id="home"><?php echo $row['Description'];  ?></div>

                                                    </div>

                                                </div>
                    <?php  } ?>

                                                </section>
                    <section id="footer-bar">
                        <div class="row">
                            <div class="span3">
                                <h4>Navigation</h4>
                                <ul class="nav">
                                    <li><a
href="index.php">Homepage</a></li>
                                    <li><a href="about.php">About
Us</a></li>
                                    <li><a href="contact.php">Contac
Us</a></li>
                                    <li><a href="cart.php">Your
Cart</a></li>
                                    <li><a
href="register.php">Login</a></li>
                                </ul>
                            </div>
                            <div class="span4">
```

```
                    </div>
                    <div class="span5">

                    </div>
                </div>
            </section>
            <section id="copyright">
                <span>Copyright 2015 &copy; <a href="#">E-Treading.com.</a></span>
            </section>
        </div>
    <script src="themes/js/common.js"></script>
        <script>
            $(function () {
                $('#myTab a:first').tab('show');
                $('#myTab a').click(function (e) {
                    e.preventDefault();
                    $(this).tab('show');
                })
            })
            $(document).ready(function() {
                $('.thumbnail').fancybox({
                    openEffect  : 'none',
                    closeEffect : 'none'
                });

                $('#myCarousel-2').carousel({
      interval: 2500
    });
            });
```

```
                </script>
   </body>
</html>
```

order_register.php

```
<?php
ob_start();
session_start();

include"config.php";
$mail=$_POST['mail'];
$command=$_POST['command'];
$product_id=$_SESSION['sessionid'];

//echo $product_id;

                $inser_data=mysql_query("Insert into
order_register_tb(user_id,Session_id,Commends)
values('$mail','$product_id','$command')") or die(mysql_error());

                if($inser_data)
                {
                        echo "Success";
                }

?>
```

Project work on
"ONLINE QUIZ SYSTEM "
In PHP & MYSQL

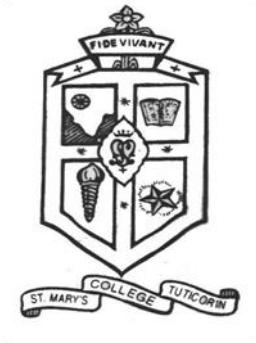
Submitted by

R.Jenifer	19AUCS17
S. Kamaleshwari	19AUCS23
D Nithya	19AUCS32
S.A.Sharik Naseeha	19AUCS43

Under the guidance of
Mrs.J.Anila Maily M.Sc.,M.phil
[Department Of Computer Science]

Submitted in partial fulfillment of the requirements for the degree of
Bachelor of Science in Computer Science

MANONMANIUM SUNDARANAR UNIVERSITY
during the year
2021-2022



Department of Computer Science

ST.MARY'S COLLEGE (AUTONOMOUS),THOOTHUKUDI

Reaccredited with "A++"Grade by NAAC Thoothukudi-628001

BONAFIDE CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

ST. MARY'S COLLEGE(AUTONOMOUS)

THOOTHUKUDI

This is to certify that the project report entitled " ONLINE QUIZ SYSTEM " is the bonafide work done by

1.Jenifer R	19AUCS14
2.Kamaleshwari S	19AUCS23
3.Nithya D	19AUCS32
4.Sharik Naseeha S A	19AUCS43

In the partial fulfillment of the requirements for the award of degree in BACHELOR OF COMPUTER SCIENCE during the year 2021-2022.

J. Anitaraily
Guide

S. Gnanajeyam
Head of the Department

Submitted for the examination held on 23.05.2022

23/05/22
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it.We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms.M.Jothimani B.E. M.Sc. M.Phil., for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil., Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work sucessfully

CONTENTS

S.NO	CONTENT	PAGE NO
1	SYNOPSIS	1
2	INTRODUCTION 2.1 PROJECT OVERVIEW 2.2 OBJECTIVE	3
3	SYSTEM ANALYSIS 3.1 EXISTING TESTING 3.2 PROPOSED TESTING	5
4	SYSTEM REQUIREMENTS	**8**
5	SYSTEM OVERVIEW 5.1 MODULE DESCRIPTION 5.2 SOFTWARE DESCRIPTION	10

6	SYSTEM TESTING AND IMPLEMENTATION 6.1 SYSTEM TESTING 6.2 SYSTEM IMPLEMENTATION	**17**
7	SYSTEM DESIGN 7.1 INPUT DESIGN 7.2 OUTPUT DESIGN 7.3 FLOW CHART 7.4 FORM DESIGN 7.5 CODE DESIGN	**22**
8	FUTURE ENHACEMENT	46
9	CONCLUSION	48
10	BIBPILOGRAPHY	50

SYNOPSIS

SYNOPSIS

The **ONLINE QUIZ SYSTEM** would cover all the specifications required to keep track of the quizzes provided by the companies or organization or institutions. It will deal with the system of posting quizzes by the employer or teacher and access to the students or users based on the given inputs as per requirements through online, as well as the data transactions that take place in the respective fields of user and employers or students and teachers. It allows the user or student to participate in the quiz provided by an organization or an institution or a company given by the employer or admin or teacher and also allows the employers and teachers and admin to list out all the details of the rankings and scores at ease. It requires user or student and employer to include the data initially and then view it any time they try to search for a query in the application. The student and employer can also register and change the specifics of the other user's details whenever necessary. All information about the student and employer and their data are contained in the database.

INTRODUCTION

2. INTRODUCTION

2.1 PROJECT OVERVIEW

ONLINE QUIZ SYSTEM App helps students and employers to provide with their quiz program details and their respective description with an ease to use user interface design. And the App also Keeps Track of the sections of both the employer's or teacher's and the student's or user's details and its quiz info which is displayed in the dashboard and Helps the student to read the score and ranking details in various different segments.

2.2 OBJECTIVE

The main objective of the **ONLINE QUIZ SYSTEM** Application is to help employers, teachers and students to keep track with their quiz programs and their respective results with an visually appealing user interface.

SYSTEM ANALYSIS

3. SYSTEM ANALYSIS

3.1 EXISTING SYSTEM

Although there are many different types of Online quiz systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many online quiz applications have easy to use user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time consuming.
- platform dependent.

3.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use Online quiz system application. The **ONLINE QUIZ SYSTEM** enables the students, teachers and employers to track the quizzes provided by them based on their requirements that are chosen by themselves and enables students to participate from the given quizzes at ease. Using the data from the users, database values are generated. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy to use User Interface.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response
- Interactive dashboard
- Providers dashboard enabled
- Enhancements using APIs

SYSTEM REQUIREMENTS

4. SYSTEM REQUIREMENTS

4.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 2GB & above

HDD/SSD : 100GB & above

4.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM : Windows 7 & above

IDE : Visual Code Studio

FRONT END : HTML, CSS, Bootstrap 4

BACK END : PHP, JavaScript

DATABASE : MySQL

SERVER SIDE : WAMP

SYSTEM OVERVIEW

5. SYSTEM OVERVIEW

5.1 MODULE DESCRIPTION

1. USER DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for student.

2. QUIZ SYSTEM

This module comprises of the quiz details of all the providers(Employers/Teachers) in a single dashboard.

3. PROFILE

Contains the basic profile details of the users which can be later edited and deleted and also contains the password reset option.

4. RANKING

The generated values from the user database is automatically evaluated and displayed as a report or ranking in this module.

5. INDEX

This is the main homepage which has the introductory part of the application.

6. MISCELLANEOUS

Extra pages are also offered for the application for better understanding of the application for users and additional features which is usually miscellaneous according to the application's functionality.

5.2 SOFTWARE DESCRIPTION

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

SPECIFICATIONS :

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

RUNTIME :

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML:

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It

can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying

the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page

behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK

A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%.Other notable browsers include Firefox and Microsoft Edge.

SYSTEM TESTING AND IMPLEMENTATION

6. SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and developments,
2. Works as expected,
3. Can be implemented with the same of characteristics,
4. Satisfies the needs of stakeholders.

6.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated's design properties and/or requirements. The element is constructed employing appropriate

technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test performed by end-users using real data over an extended period of time. There are several forms of verification that people use to validate their works. The lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test

- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into sub-systems, thich are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interface between modules. The different modules were linked together and integration testing done on them.

6.2 SYSTEM IMPLEMENTATION

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments and correcting problems

Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system. Adaptation of software to a new environment may involve moving the software to a different machine, or for instance, modifying the software to accommodate a new telecommunication protocol or an additional disk drives. Problem correction involves modification and revalidation of software to correct errors.

SYSTEM DESIGN

7. SYSTEM DESIGN

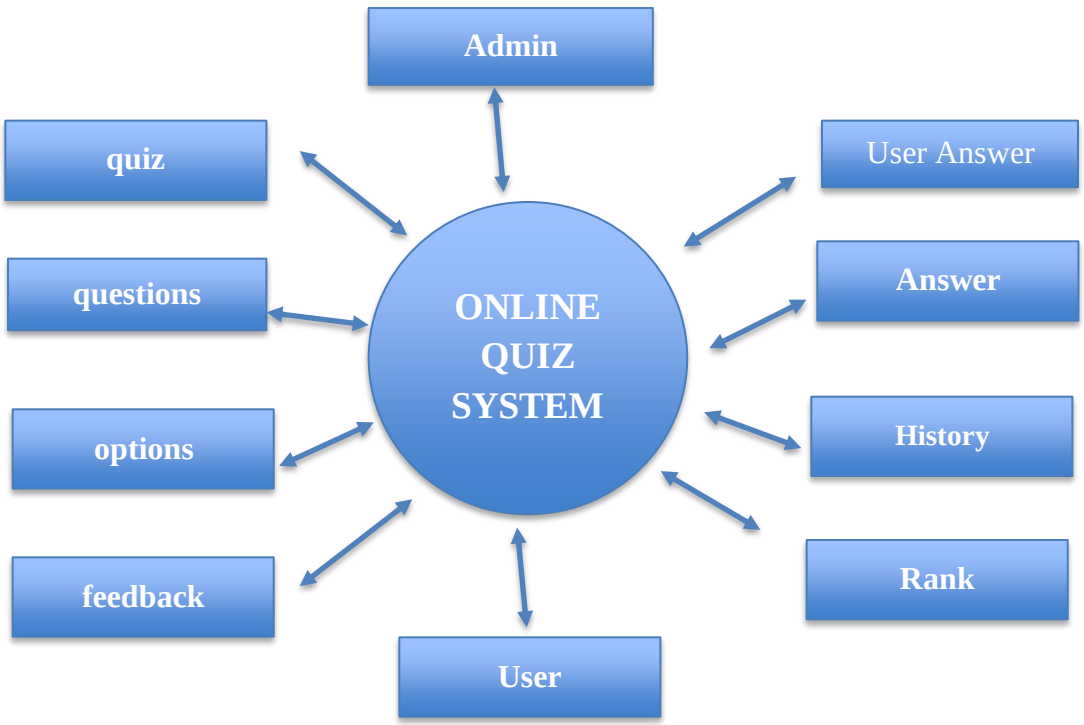
7.1 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of a computerized system and is often the major problem of a system.

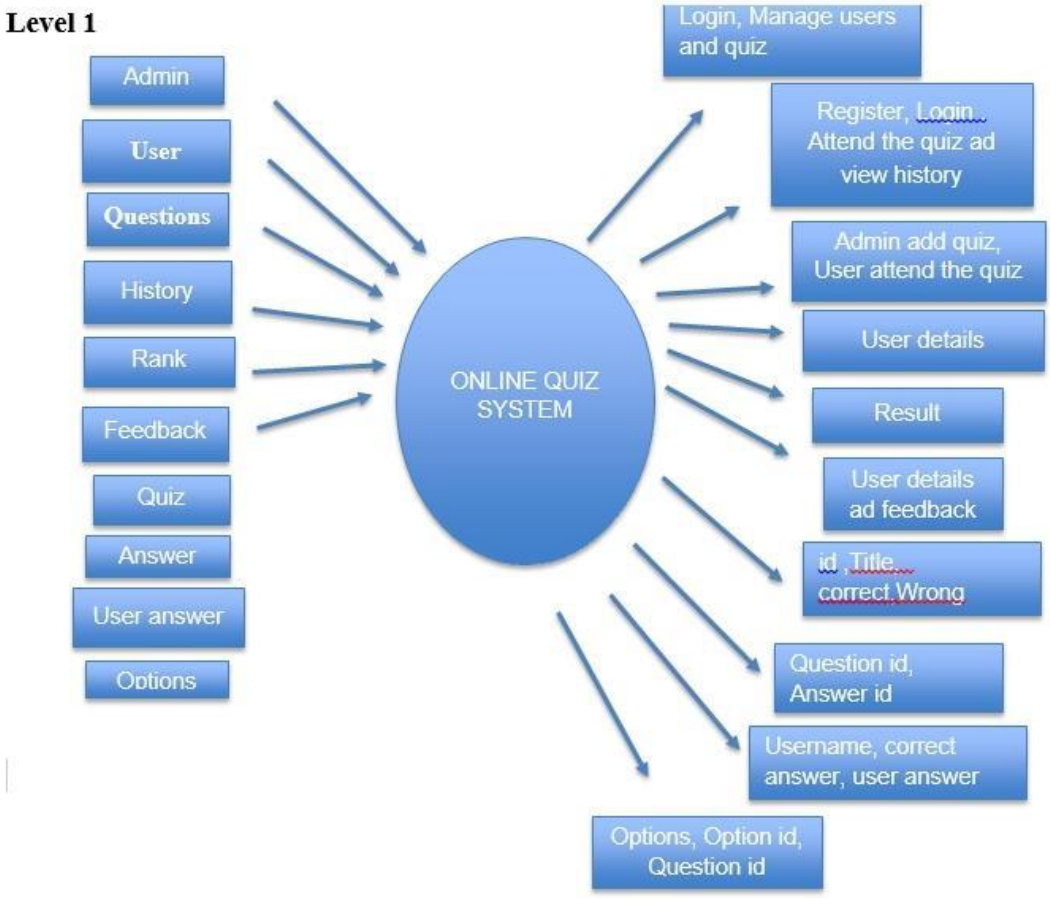
7.2 OUTPUT DESIGN:

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

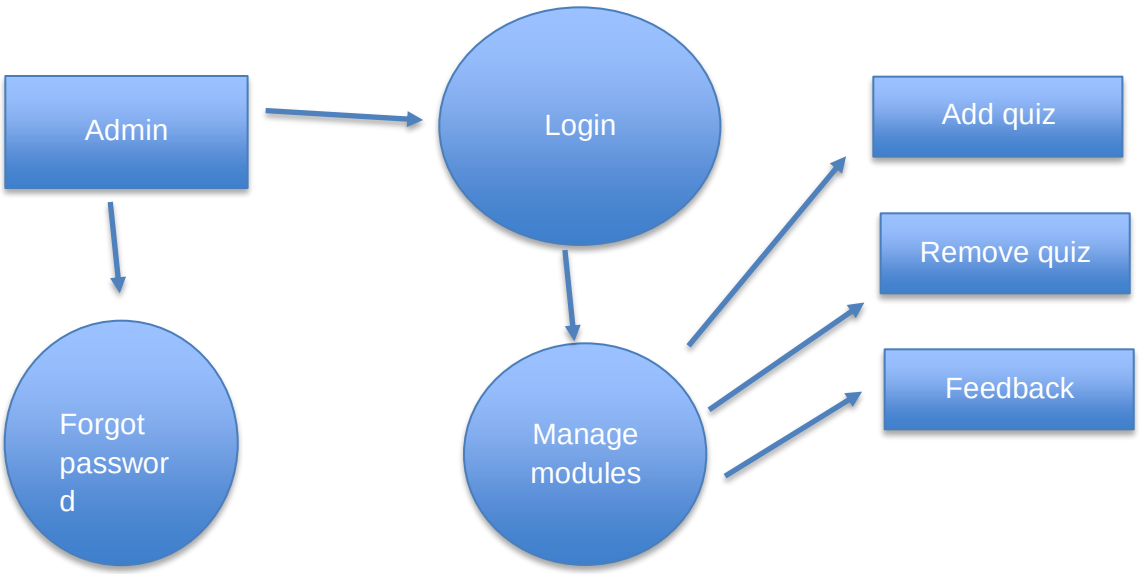
7.3 DATA FLOW DIAGRAM



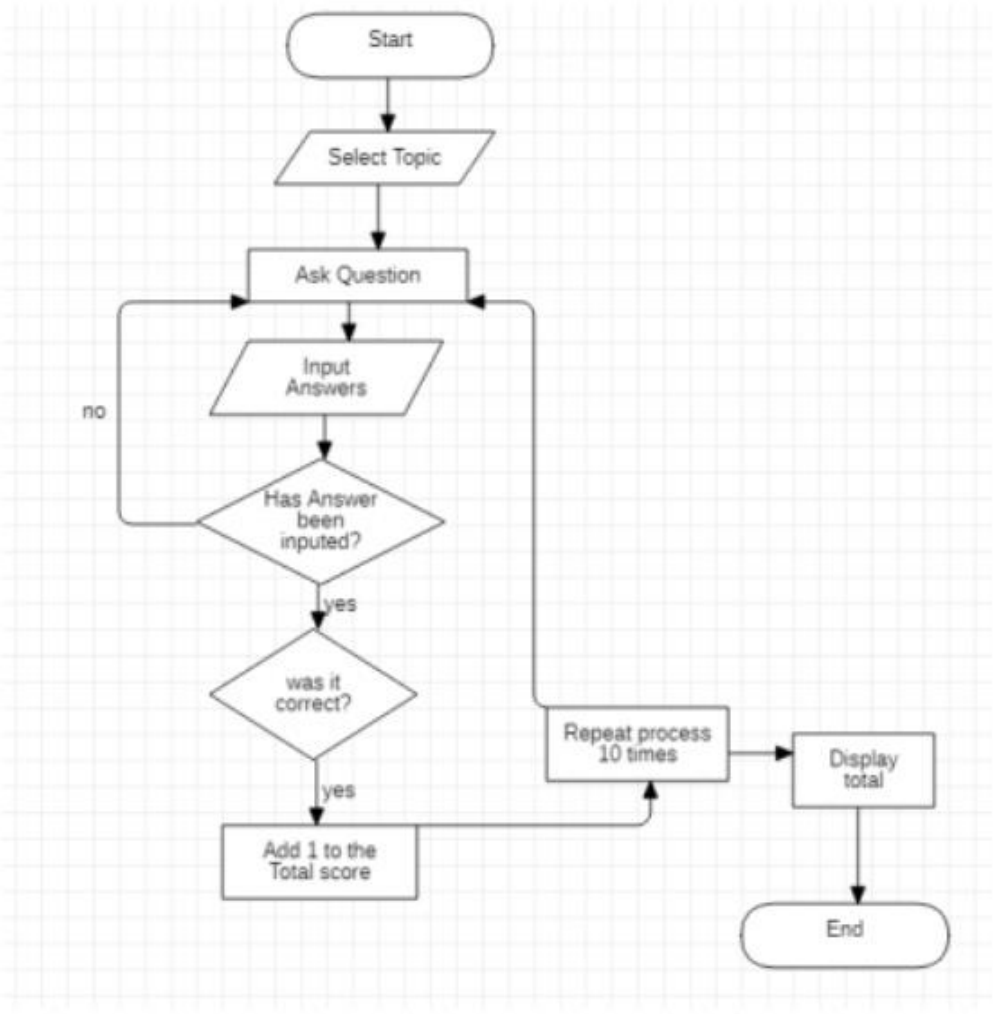
Level 1



Level 2

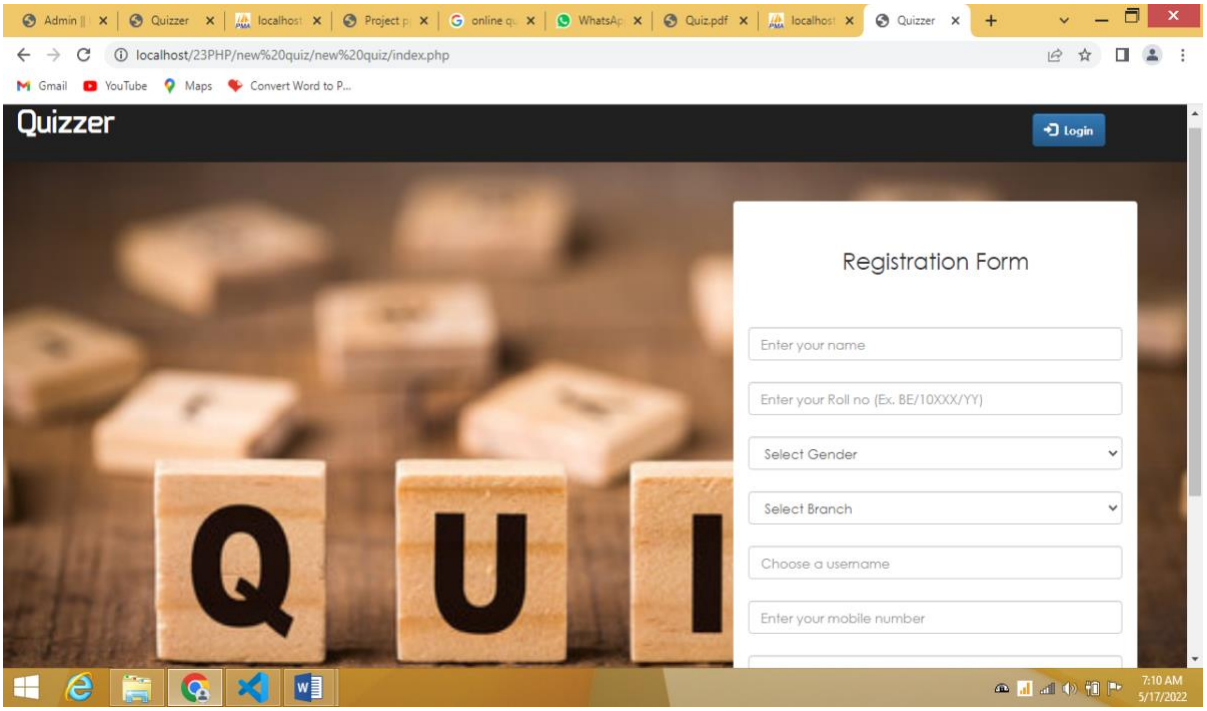


7.4 FLOW CHART

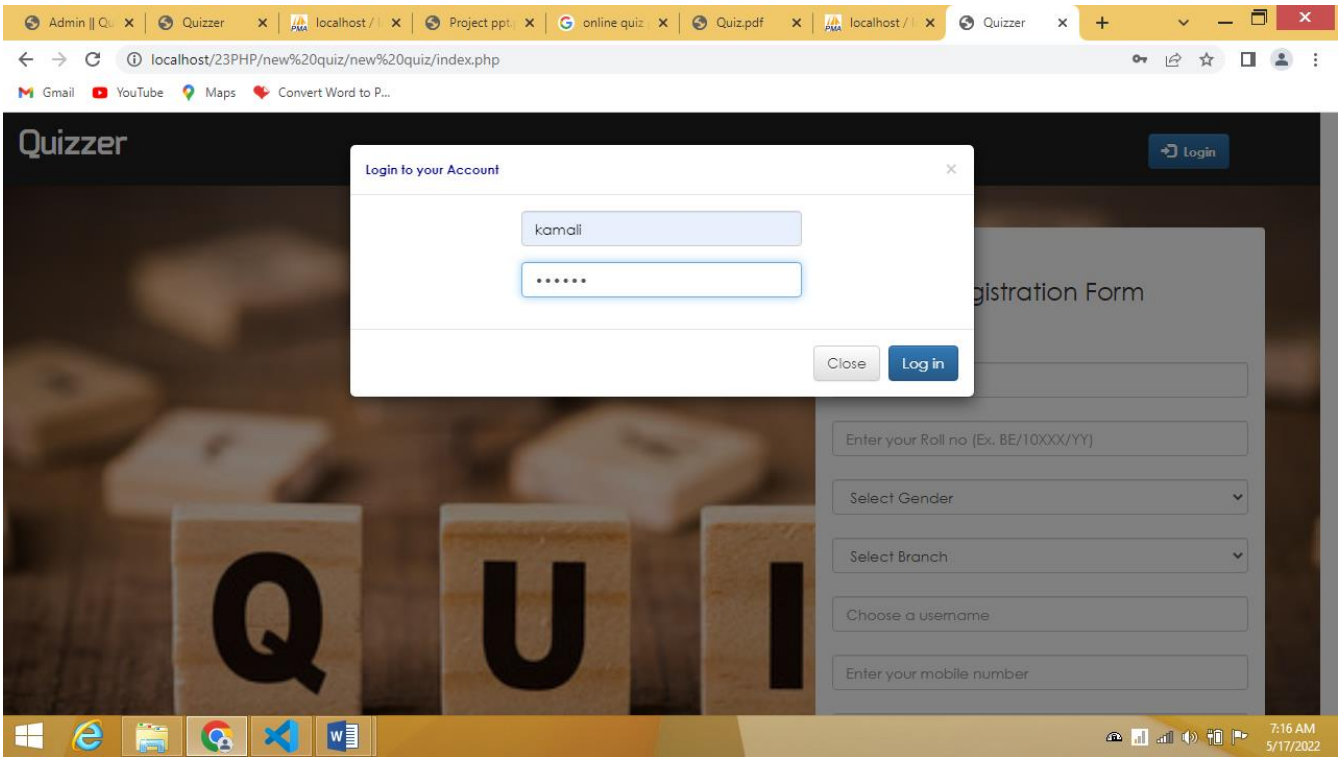


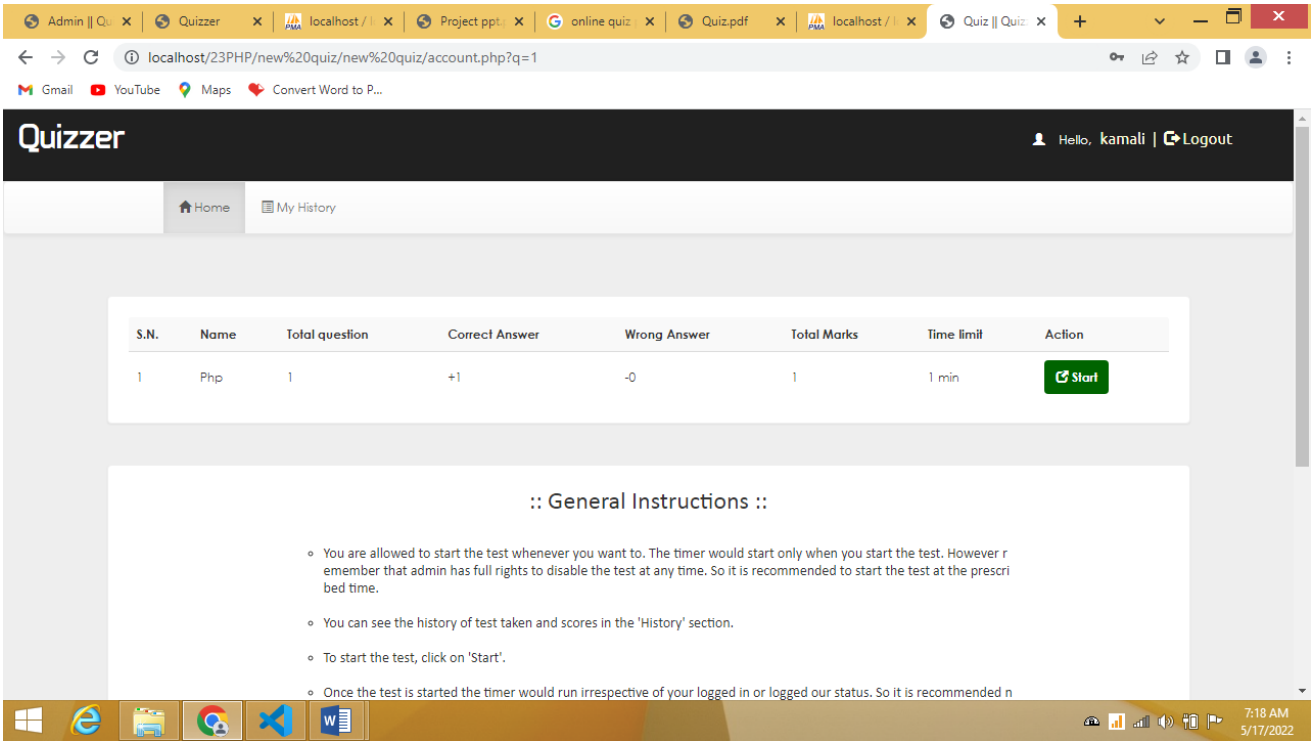
7.5 FORM DESIGN

1. Index page

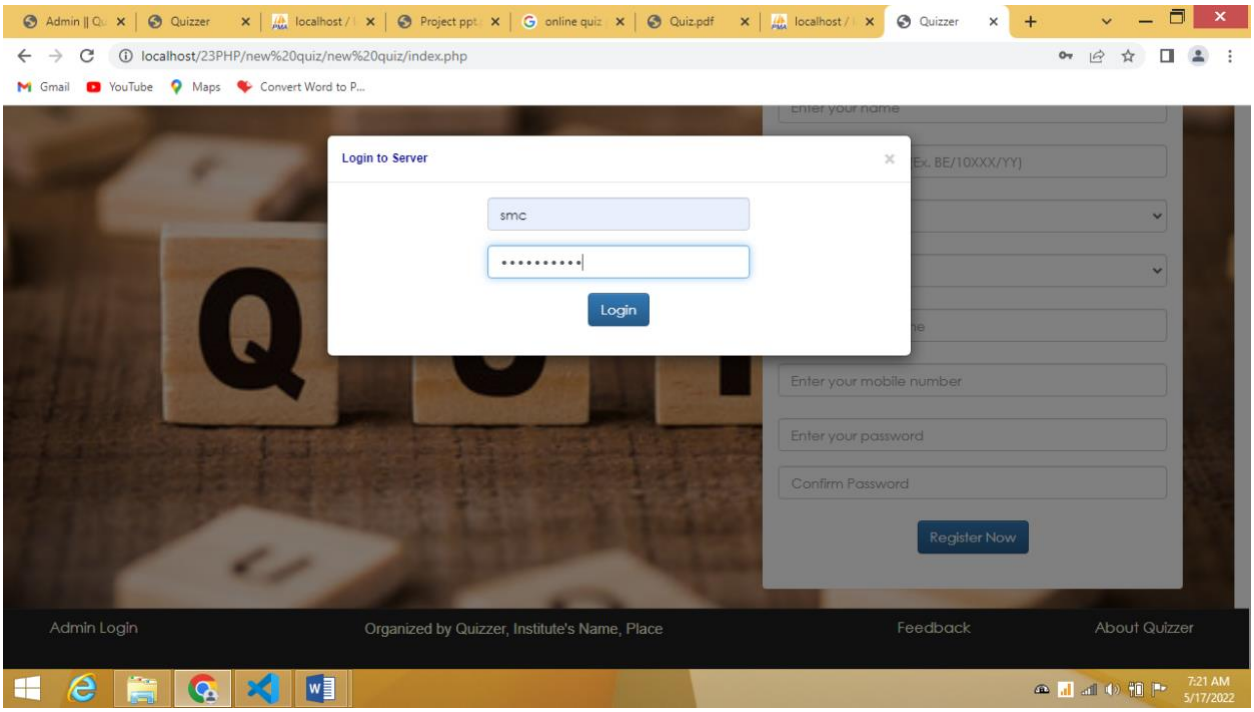


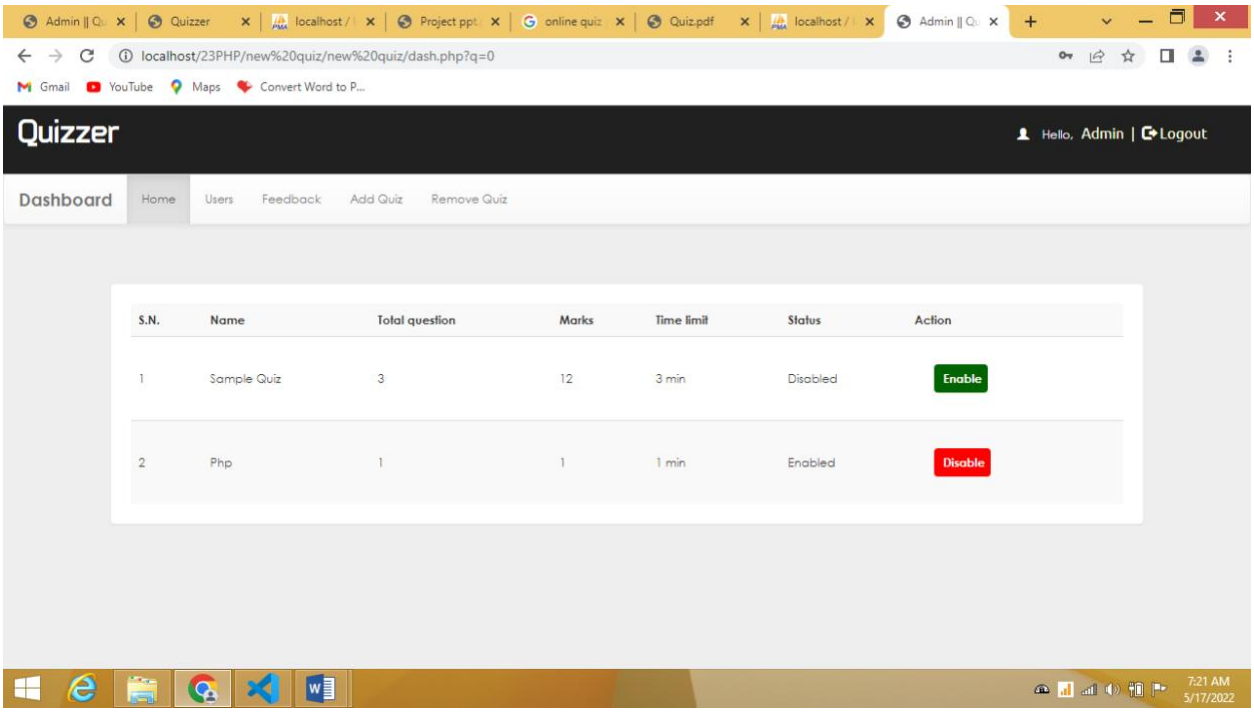
2. User login page

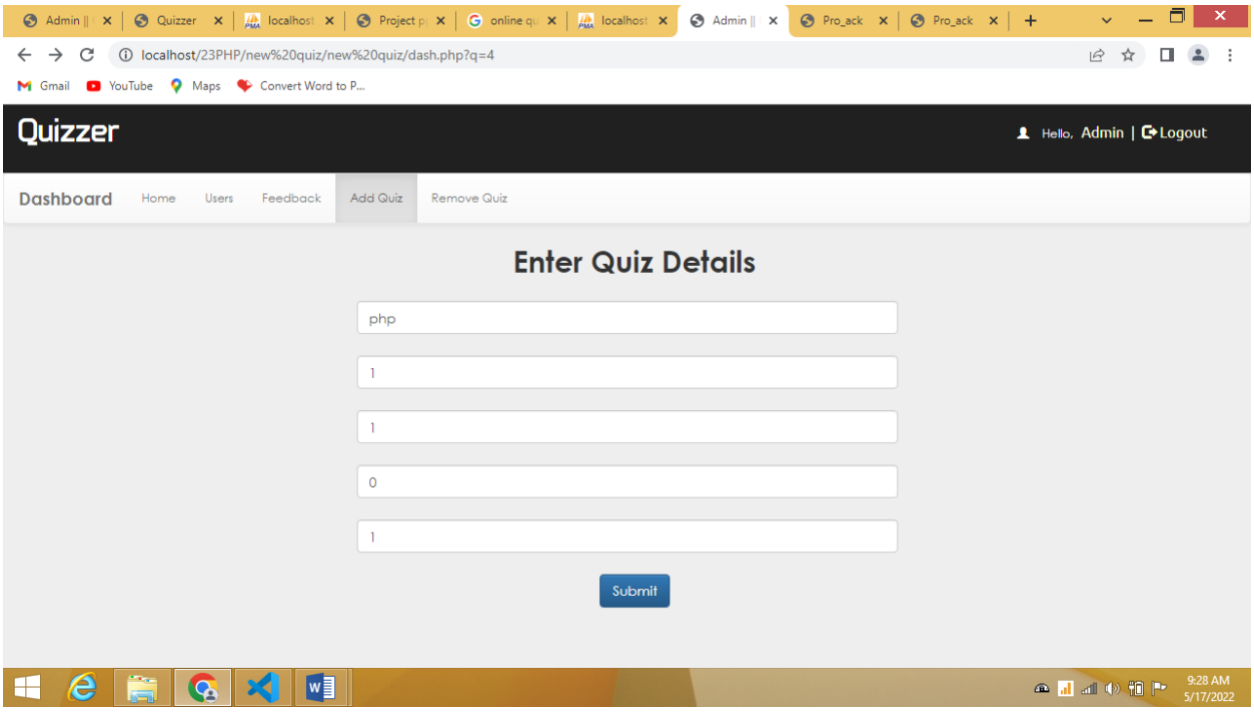


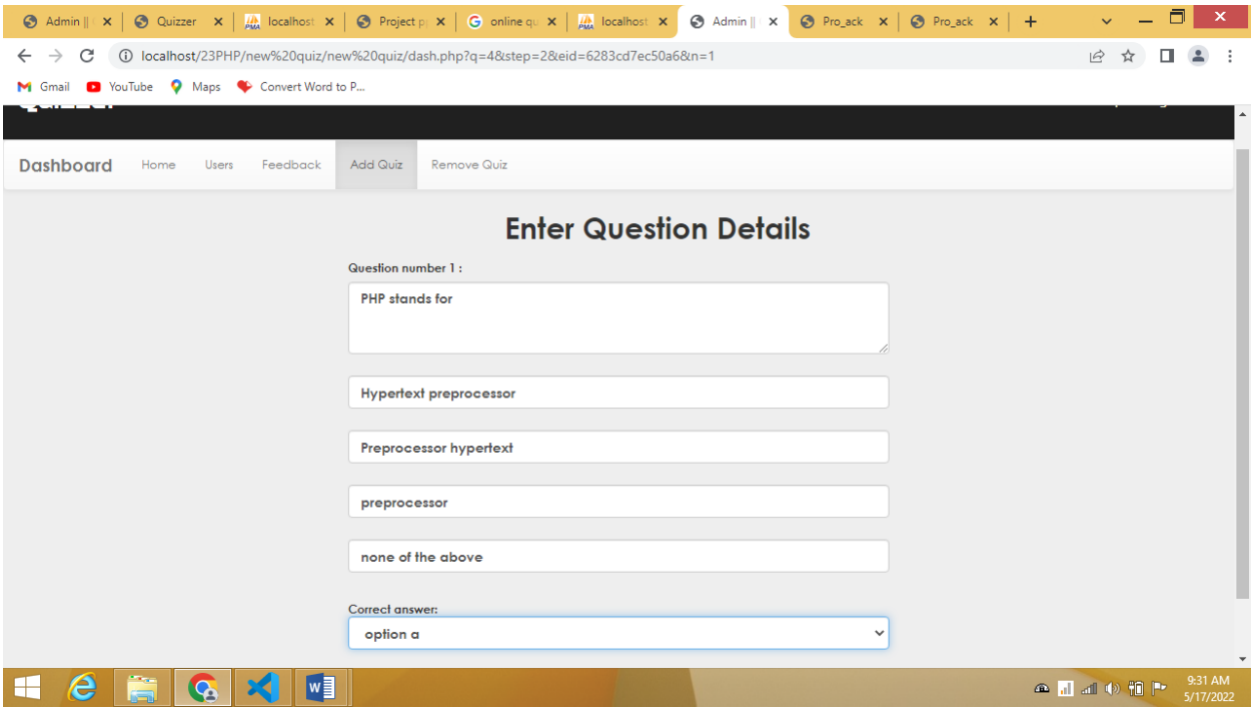


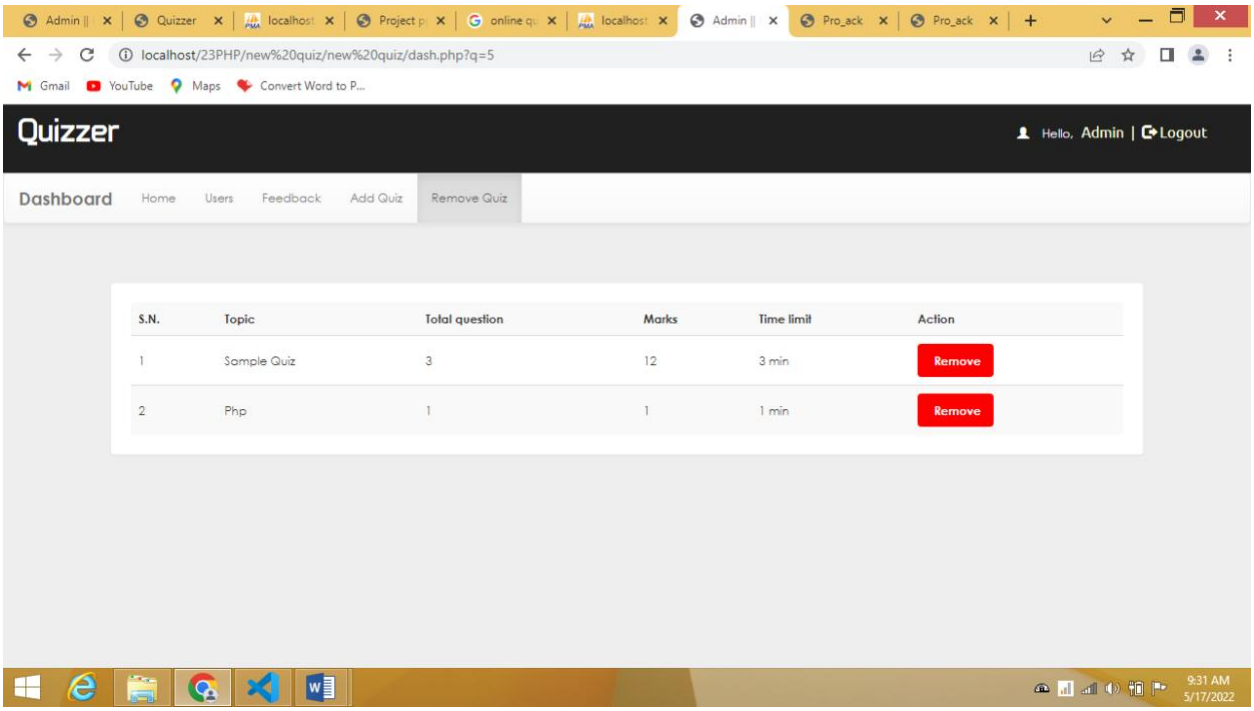
Admin login page




Quizzer
Hello, Admin | Logout
Dashboard
Home
Users
Feedback
Add Quiz
Remove Quiz
S.N.
Name
Total question
Marks
Time limit
Status
Action
1
Sample Quiz
3
12
3 min
Disabled
Enable
2
Php
1
1
1 min
Enabled
Disable


Quizzer
Hello, Admin | Logout
Dashboard
Home
Users
Feedback
Add Quiz
Remove Quiz
Enter Quiz Details
php
1
1
0
1
Submit


Admin
Quizzer
localhost
Project
online
localhost
Admin
Pro_ack
Pro_ack
localhost/23PHP/new%20quiz/new%20quiz/dash.php?q=4&step=2&eid=6283cd7ec50a68n=1
Gmail
YouTube
Maps
Convert Word to P...
Dashboard
Home
Users
Feedback
Add Quiz
Remove Quiz
Enter Question Details
Question number 1 :
PHP stands for
Hypertext preprocessor
Preprocessor hypertext
preprocessor
none of the above
Correct answer:
option a
9:31 AM
5/17/2022


Admin
Quizzer
localhost
Project
online
localhost
Admin
Pro_ack
Pro_ack
localhost/23PHP/new%20quiz/new%20quiz/dash.php?q=5
Gmail
YouTube
Maps
Convert Word to P...
Quizzer
Hello, Admin | Logout
Dashboard
Home
Users
Feedback
Add Quiz
Remove Quiz
S.N.
Topic
Total question
Marks
Time limit
Action
1
Sample Quiz
3
12
3 min
Remove
2
Php
1
1
1 min
Remove
9:31 AM
5/17/2022

6.6 CODE DESIGN

INDEX PAGE

```
<?php
session_start();
if(isset($_SESSION['username']) && (!isset($_SESSION['key']))){
   header('location:account.php?q=1');
}
else if(isset($_SESSION['username']) && isset($_SESSION['key']) &&
$_SESSION['key'] ==
'54585c506829293a2d4c3b68543b316e2e7a2d277858545a36362e5f39'){
   header('location:dash.php?q=0');
}
else{}
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<link rel="icon" href="favicon.ico" type="image/icon" sizes="16x16">
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta name="viewport" content="width=device-width, initial-scale=1">

<title> Quizzer  </title>

 <link rel="stylesheet" href="css/main.css">
 <link  rel="stylesheet" href="css/font.css">
 <script src="js/jquery.js" type="text/javascript"></script>
<link  rel="stylesheet" href="css/bootstrap.min.css"/>
 <link  rel="stylesheet" href="css/bootstrap-theme.min.css"/>
  <script src="js/bootstrap.min.js"  type="text/javascript"></script>
  <link href='http://fonts.googleapis.com/css?family=Roboto:400,700,300'
rel='stylesheet' type='text/css'>
<?php
if (@$_GET['w']) {
    echo '<script>alert("' . @$_GET['w'] . '");</script>';
}
?>
<script>
function validateForm() {
  var y = document.forms["form"]["name"].value;
  if (y == null || y == "") {
    document.getElementById("errormsg").innerHTML="Name must be filled out.";
    return false;
```

```
  }
  var br = document.forms["form"]["branch"].value;
  if (br == "") {
    document.getElementById("errormsg").innerHTML="Please select your branch";
    return false;
  }
  var rn = (document.forms["form"]["rollno"].value).split("/");
  if (rn.length != 3) {
    document.getElementById("errormsg").innerHTML="Incorrect Rollno. Please enter
in the format (BE/10XXX/YY)";
    return false;
  }
  if((rn[0].length != 2 && rn[0].length != 3) || (rn[0].match(/[A-Z]/g)).length
!= rn[0].length){
    document.getElementById("errormsg").innerHTML="Incorrect Rollno "+rn[0]+".
Make sure all letters are capital (Ex. 'BE' in BE/10XXX/YY)";
    return false;
  }
  if(rn[1].length != 5 || (rn[1].match(/[0-9]/g)).length != rn[1].length){
    document.getElementById("errormsg").innerHTML="Incorrect Rollno "+rn[1];
    return false;
  }
  if(rn[2] != "12" && rn[2] != "13" && rn[2] != "14" && rn[2] != "15" && rn[2] !=
"16"){
    document.getElementById("errormsg").innerHTML="Incorrect Rollno "+rn[2];
    return false;
  }
  var g = document.forms["form"]["gender"].value;
  if (g=="") {
    document.getElementById("errormsg").innerHTML="Please select your gender";
    return false;
  }
  var x = document.forms["form"]["username"].value;
  if (x.length == 0) {
    document.getElementById("errormsg").innerHTML="Please enter a valid
username";
    return false;
  }
  if (x.length < 4) {
    document.getElementById("errormsg").innerHTML="Username must be at least 4
characters long";
    return false;
  }
  var m = document.forms["form"]["phno"].value;
  if (m.length != 10) {
```

```
    document.getElementById("errormsg").innerHTML="Phone number must be 10 digits
long";
    return false;
  }
  var a = document.forms["form"]["password"].value;
  if(a == null || a == ""){
    document.getElementById("errormsg").innerHTML="Password must be filled out";
    return false;
  }
  if(a.length<5 || a.length>15){
    document.getElementById("errormsg").innerHTML="Passwords must be 5 to 15
characters long.";
    return false;
  }
  var b = document.forms["form"]["cpassword"].value;
  if (a!=b){
    document.getElementById("errormsg").innerHTML="Passwords must match.";
    return false;
  }
}
</script>
</head>
<body>
<div class="header">
<div class="row">
<div class="col-lg-6">
<span class="logo">Quizzer</span></div>
<div class="col-md-2 col-md-offset-4">
<a href="#" class="btn btn-primary logb" data-toggle="modal" data-
target="#myModal"> <span class="glyphicon glyphicon-log-in" aria-
hidden="true"></span> <span class="title1"><b> Login </b> </span></a></div>
<div class="modal fade" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content title1">
      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
        <h4 class="modal-title title1"><span style="color:darkblue;font-
size:12px;font-weight: bold">Login to your Account</span></h4>
      </div>
      <div class="modal-body">
        <form class="form-horizontal" action="login.php?q=index.php"
method="POST">
<fieldset>
<div class="form-group">
```

```
  <label class="col-md-3 control-label" for="username"></label>
  <div class="col-md-6">
  <input id="username" name="username" placeholder="Username" class="form-control
input-md" type="username">

  </div>
</div>
<div class="form-group">
  <label class="col-md-3 control-label" for="password"></label>
  <div class="col-md-6">
    <input id="password" name="password" placeholder="Enter your Password"
class="form-control input-md" type="password">

  </div>
</div>

      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
        <button type="submit" class="btn btn-primary">Log in</button>
    </fieldset>
</form>
      </div>
    </div>
  </div>
</div>
</div>
</div>

<div class="bg1">
<div class="row">

<div class="col-md-7"></div>
<div class="col-md-4 panel">
  <form class="form-horizontal" name="form" action="sign.php?q=account.php"
onSubmit="return validateForm()" method="POST">
<fieldset>
<div class="form-group">
  <label class="col-md-12 control-label" for="name"></label>
  <div class="col-md-12">
  <h3 align="center">Registration Form</h3>

  </div>
</div>
```

```
<div class="form-group">
  <label class="col-md-12 control-label" for="name"></label>
  <div class="col-md-12">
  <div id="errormsg" style="font-size:14px;font-family:calibri;font-
weight:normal;color:red"><?php
if (@$_GET['q7']) {
    echo '<p style="color:red;font-size:15px;">' . @$_GET['q7'];
}
?></div>

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for="name"></label>
  <div class="col-md-12">
  <input id="name" name="name" placeholder="Enter your name" class="form-control
input-md" type="text">

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for="rollno"></label>
  <div class="col-md-12">
  <input id="rollno" name="rollno" placeholder="Enter your Roll no (Ex.
BE/10XXX/YY)" class="form-control input-md" type="text">

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for="gender"></label>
  <div class="col-md-12">
    <select id="gender" name="gender" placeholder="Select your gender"
class="form-control input-md" >
   <option value="">Select Gender</option>
  <option value="M">Male</option>
  <option value="F">Female</option> </select>
  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for="branch"></label>
  <div class="col-md-12">
    <select id="branch" name="branch" placeholder="Select your branch"
class="form-control input-md" >
   <option value="">Select Branch</option>
```

```
  <option value="CSE">COMPUTER SCIENCE</option>
  <option value="PHY">PHYSICS</option>
  <option value="ENG">ENGLISH</option>
  <option value="TAM">TAMIL</option>
  <option value="MAT">MATHS</option>
  <option value="CHEM">CHEMISTRY</option>
  <option value="MIC">MICROBIOLOGY</option>

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label title1" for="username"></label>
  <div class="col-md-12">
    <input id="username" name="username" placeholder="Choose a username"
class="form-control input-md" type="username" >

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for="phno"></label>
  <div class="col-md-12">
  <input id="phno" name="phno" placeholder="Enter your mobile number"
class="form-control input-md" type="number">

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for="password"></label>
  <div class="col-md-12">
    <input id="password" name="password" placeholder="Enter your password"
class="form-control input-md" type="password">

  </div>
</div>

<div class="form-group">
  <label class="col-md-12control-label" for="cpassword"></label>
  <div class="col-md-12">
    <input id="cpassword" name="cpassword" placeholder="Confirm Password"
class="form-control input-md" type="password">

  </div>
</div>
<div class="form-group">
  <label class="col-md-12 control-label" for=""></label>
```

```
  <div class="col-md-12" style="text-align: center">
    <input  type="submit" value=" Register Now " class="btn btn-primary"
style="text-align:center" />
  </div>
</div>

</fieldset>
</form>
</div>
</div></div>
</div>
<div class="row footer">
<div class="col-md-2 box">
<a href="#" data-toggle="modal" data-target="#login"
style="color:lightyellow">Admin Login</a></div>
<div class="col-md-6 box">
<span href="#" data-target="#login" style="color:lightyellow">Organized by
Quizzer, Institute's Name, Place<br><br></span></div>
<div class="col-md-2 box">
<a href="feedback.php" style="color:lightyellow;"
onmouseover="this.style('color:yellow')" target="new">Feedback</a></div>
<div class="col-md-2 box">
<a href="about.php" s style="color:lightyellow;"
onmouseover="this.style('color:yellow')" target="new">About Quizzer</a></div>
</div>
   <div class="modal fade" id="login">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">&times;</span><span class="sr-only">Close</span></button>
        <h4 class="modal-title"><span style="color:darkblue;font-size:12px;font-
weight: bold">Login to Server</span></h4>
      </div>
      <div class="modal-body title1">
<div class="row">
<div class="col-md-3"></div>
<div class="col-md-6">
<form role="form" method="post" action="admin.php?q=index.php">
<div class="form-group">
<input type="text" name="uname" maxlength="20"  placeholder="Username"
class="form-control"/>
</div>
<div class="form-group">
```

```
<input type="password" name="password" maxlength="30" placeholder="Password"
class="form-control"/>
</div>
<div class="form-group" align="center">
<input type="submit" name="login" value="Login" class="btn btn-primary" />
</div>
</form>
</div><div class="col-md-3"></div></div>
      </div>
    </div>
  </div>
</div>
</body></html>
```

LOGIN PAGE

```
<?php
session_start();
if (isset($_SESSION["username"])) {
    session_destroy();
}
include_once 'dbConnection.php';
$ref      = @$_GET['q'];
$username = $_POST['username'];
$password = $_POST['password'];

$username = stripslashes($username);
$username = addslashes($username);
$password = stripslashes($password);
$password = addslashes($password);
$password = md5($password);
$result = mysqli_query($con, "SELECT name FROM user WHERE username = '$username'
and password = '$password'") or die('Error');
$count = mysqli_num_rows($result);
if ($count == 1) {
    while ($row = mysqli_fetch_array($result)) {
        $name = $row['name'];
    }
    $_SESSION["name"]     = $name;
    $_SESSION["username"] = $username;
    header("location:account.php?q=1");
} else
    header("location:$ref?w=Wrong Username or Password");
?>
```

DATABASE CONNECTION

```php
<?php
    $con= new mysqli('localhost','root','','quizzer')or die("Could not connect to
mysql".mysqli_error($con));
?>
```

SIGNUP PAGE

```php
<?php
include_once 'dbConnection.php';
ob_start();
$name     = $_POST['name'];
$name     = ucwords(strtolower($name));
$gender   = $_POST['gender'];
$username = $_POST['username'];
$phno     = $_POST['phno'];
$password = $_POST['password'];
$branch   = $_POST['branch'];
$rollno   = $_POST['rollno'];
$name     = stripslashes($name);
$name     = addslashes($name);
$name     = ucwords(strtolower($name));
$gender   = stripslashes($gender);
$gender   = addslashes($gender);
$username = stripslashes($username);
$username = addslashes($username);
$phno     = stripslashes($phno);
$phno     = addslashes($phno);
$password = stripslashes($password);
$password = addslashes($password);
$password = md5($password);

$q3 = mysqli_query($con, "INSERT INTO user VALUES  (NULL,'$name',
'$rollno','$branch','$gender' ,'$username' ,'$phno', '$password')");
if ($q3) {
    session_start();
    $_SESSION["username"] = $username;
    $_SESSION["name"]     = $name;
```

```
    header("location:account.php?q=1");
} else {
    header("location:index.php?q7=Username already exists. Please choose
another&name=$name&username=$username&gender=$gender&phno=$phno&branch=$branch&ro
llno=$rollno");
}
ob_end_flush();
?>
```

ADMIN

```
<?php
include_once 'dbConnection.php';
$ref      = @$_GET['q'];
$username = $_POST['uname'];
$password = $_POST['password'];

$username = stripslashes($username);
$username = addslashes($username);
$password = stripslashes($password);
$password = addslashes($password);
$result = mysqli_query($con, "SELECT username FROM admin WHERE username =
'$username' and password = '$password'") or die('Error');
$count = mysqli_num_rows($result);
if ($count == 1) {
    session_start();
    if (isset($_SESSION['username'])) {
        session_unset();
    }
    $_SESSION["name"]     = 'Admin';
    $_SESSION["key"]      = 'Admin';
    $_SESSION["username"] = $username;
    header("location:dash.php?q=0");
} else
    header("location:$ref?w=Warning : Access denied");
?>
```

FEEDBACK

```
<?php
if (@$_GET['w']) {
    echo '<script>alert("' . @$_GET['w'] . '");</script>';
}
?>
</head>

<body>
<div class="row header">
<div class="col-lg-6">
<span class="logo">Quizzer</span></div>
<div class="col-md-2">
</div>
<div class="col-md-4">
<?php
include_once 'dbConnection.php';
session_start();
if ((!isset($_SESSION['username']))) {
    echo '<a href="#" class="pull-right logb btn btn-primary" data-toggle="modal"
data-target="#myModal" style="color:white"><span class="glyphicon glyphicon-log-
in" aria-hidden="true"></span> <font style="font-size:12px;font-
weight:bold">Login</font></a> ';
} else {
    echo '<a href="logout.php?q=feedback.php" class="pull-right logb btn btn-
primary" style="color:white"><span class="glyphicon glyphicon-log-out" aria-
hidden="true"></span> <font style="font-size:12px;font-
weight:bold">Logout</font></a> ';
}
?>

<a href="index.php" class="pull-right btn logb btn-primary"
style="color:white"><span class="glyphicon glyphicon-home" aria-
hidden="true"></span> <font style="font-size:12px;font-
weight:bold">Home</font></a> 
</div></div>
<div class="modal fade" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content title1">
      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
```

```
        <h4 class="modal-title title1"><span style="color:darkblue;font-
size:12px;font-weight:bold">Login to your Account</span></h4>
      </div>
      <div class="modal-body">
        <form class="form-horizontal" action="login.php?q=index.php"
method="POST">
<fieldset>
<div class="form-group">
  <label class="col-md-3 control-label" for="username"></label>
  <div class="col-md-6">
  <input id="username" name="username" placeholder="Enter your username-id"
class="form-control input-md" type="username">

  </div>
</div>
<div class="form-group">
  <label class="col-md-3 control-label" for="password"></label>
  <div class="col-md-6">
    <input id="password" name="password" placeholder="Enter your Password"
class="form-control input-md" type="password">

  </div>
</div>


      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
        <button type="submit" class="btn btn-primary">Login</button>
    </fieldset>
</form>
      </div>
    </div>
  </div>
</div>
<div class="bg1">
<div class="row">
<div class="col-md-3"></div>
<div class="col-md-6 panel" style="background-image:url(image/bg1.jpg); min-
height:430px;">
<h2 align="center" style="font-family:'typo'; color:#000066">FEEDBACK</h2>
<div style="font-size:14px;margin-top:20px"><br />
<?php
if (@$_GET['q'])
```

```
    echo '<span style="font-size:18px;"><span class="glyphicon glyphicon-ok"
aria-hidden="true"></span> ' . @$_GET['q'] . '</span>';
else {
    echo '

<form role="form"  method="post" action="feed.php?q=feedback.php">
<div class="row">
<div class="col-md-3"><b>Name:</b><br /><br /><br /><b>Subject:</b></div>
<div class="col-md-9">
<!-- Text input-->
<div class="form-group">
  <input id="name" name="name" placeholder="Enter your name" class="form-control
input-md" type="text"><br />
   <input id="name" name="subject" placeholder="Enter short description of your
feedback" class="form-control input-md" type="text">

</div>
</div>
</div><!--End of row-->

<div class="row">
<div class="col-md-3"><b>E-Mail ID:</b></div>
<div class="col-md-9">
<!-- Text input-->
<div class="form-group">
  <input id="email" name="email" placeholder="Enter your e-mail" class="form-
control input-md" type="email">
 </div>
</div>
</div><!--End of row-->

<div class="form-group">
<textarea rows="5" cols="8" name="feedback" class="form-control"
placeholder="Write feedback here. Keep it clean and simple."></textarea>
</div>
<div class="form-group" align="center">
<font style="font-size:12px;font-weight:bold"><input type="submit" name="submit"
value="Send My Feedback" class="btn btn-primary" /></font>
</div>
</form>';
}
?>
</div>
<div class="col-md-3"></div></div>
</div></div>
```

```
</div>
<div class="row footer">
  <div class="col-md-2 box"></div>
<div class="col-md-6 box">
<span href="#" data-target="#login" style="color:lightyellow">Organized by
Quizzer, Institute's Name, Place<br><br></span></div>
<div class="col-md-2 box">
<span href="feedback.php" style="color:lightyellow;text-decoration:underline"
onmouseover="this.style('color:yellow')">Feedback</span></div>
<div class="col-md-2 box">
<a href="about.php" s style="color:lightyellow;text-decoration:underline"
onmouseover="this.style('color:yellow')">About Quizzer</a></div>
</div>
</body>
</html>
```

```
<?php
if (@$_GET['w']) {
    echo '<script>alert("' . @$_GET['w'] . '");</script>';
}
?>
</head>

<body>
<div class="row header">
<div class="col-lg-6">
<span class="logo">Quizzer</span></div>
<div class="col-md-2">
</div>
<div class="col-md-4">
<?php
include_once 'dbConnection.php';
session_start();
if ((!isset($_SESSION['username']))) {
    echo '<a href="#" class="pull-right logb btn btn-primary" data-toggle="modal"
data-target="#myModal"><span class="glyphicon glyphicon-log-in" aria-
hidden="true"></span> <font style="font-size:12px;font-
weight:bold">Login</font></a> ';
} else {
    echo '<a href="logout.php?q=feedback.php" class="pull-right logb btn btn-
primary"><span class="glyphicon glyphicon-log-out" aria-
```

```
hidden="true"></span> <font style="font-size:12px;font-
weight:bold">Logout</font></a> ';
}
?>

<a href="index.php" class="pull-right logb btn btn-primary"><span
class="glyphicon glyphicon-home" aria-hidden="true"></span> <font
style="font-size:12px;font-weight:bold">Home</font></a> 
</div></div>
<div class="modal fade" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content title1">
      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
        <h4 class="modal-title title1"><span style="color:darkblue;font-
weight:bold">Login to your Account</span></h4>
      </div>
      <div class="modal-body">
        <form class="form-horizontal" action="login.php?q=index.php"
method="POST">
<fieldset>
<div class="form-group">
  <label class="col-md-3 control-label" for="username"></label>
  <div class="col-md-6">
  <input id="username" name="username" placeholder="Enter your username-id"
class="form-control input-md" type="username">

  </div></div>
<div class="form-group">
  <label class="col-md-3 control-label" for="password"></label>
  <div class="col-md-6">
    <input id="password" name="password" placeholder="Enter your Password"
class="form-control input-md" type="password">

  </div>
</div>
 </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
        <button type="submit" class="btn btn-primary">Log in</button>
    </fieldset>
</form>
      </div>div>
```

```
  </div></div>
<div class="bg1">
<div class="row">
<div class="col-md-3"></div>
<div class="col-md-6 panel" style="background-
image:url(image/bg1.jpg);background-size:cover; min-height:430px;">
<h2 align="center" style="font-family:'typo'; color:#000066">About Quizzer</h2>
<div style="font-size:12px;font-weight:bold; margin-top:20px;word-wrap:break-
word"><br />
<?php
$file = fopen("about.txt", "r");
while (!feof($file)) {
    $string = fgets($file);
    $num    = strlen($string) - 1;
    $c      = str_split($string);
    for ($i = 0; $i < $num; $i++) {
        $last = $c[$i];
        if ($c[$i] == ' ' && $last == ' ') {
            echo ' ';
        } else {
            echo $c[$i];
        }  }
    echo "<br />";
}
fclose($file);
?>
</div>
<div class="col-md-3"></div></div>
</div></div>
</div>
<div class="row footer">
<div class="col-md-2 box">
</div>
<div class="col-md-6 box">
<span href="#" data-target="#login" style="color:lightyellow">Organized by
Quizzer, Institute's Name, Place<br><br></span></div>
<div class="col-md-2 box">
<a href="feedback.php" style="color:lightyellow;text-decoration:underline"
onmouseover="this.style('color:yellow')">Feedback</a></div>
<div class="col-md-2 box">
<span href="about.php" s style="color:lightyellow;text-decoration:underline"
onmouseover="this.style('color:yellow')">About Quizzer</span></div>
</div></body></html>
```

FUTURE ENHANCEMENT

8. FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

In future this module will work as a beneficial and time saving application and will include user databases individually.

CONCLUSION

9. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in Online quiz system, but also the much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged.

This system is user friendly so everyone can use easily, Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

BIBLIOGRAPHY

10. BIBLIOGRAPHY

Web Reference :

1. https://medium.com
2. https://www.reddit.com/
3. https://discord.com/
4.https://code.visualstudio.com/
5.http://forum.wampserver.com/
6. https://stackoverflow.com/

STUDENT MANAGEMENT SYSTEM

Project Submitted to the Department of Computer Science

ST. MARY'S COLLEGE(AUTONOMOUS),THOOTHUKUDI

Affilated to

MANONMANIUM SUNDARANAR UNIVERSITY

In the partial fulfillment of the requirements for the award of degree in

BACHELOR OF COMPUTER SCIENCE

1.Jenisha J **19AUCS18**

2.Kiruba R **19AUCS25**

3.Steffy Rubavathy S **19AUCS45**

4.Sumaiya Beevi S **19AUCS46**

Under the Supervision and Guidance
Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc.

(Associate Professor of Computer Science)

DEPARTMENT OF COMPUTER SCIENCE
ST. MARY'S COLLEGE(AUTONOMOUS)
THOOTHUKUDI

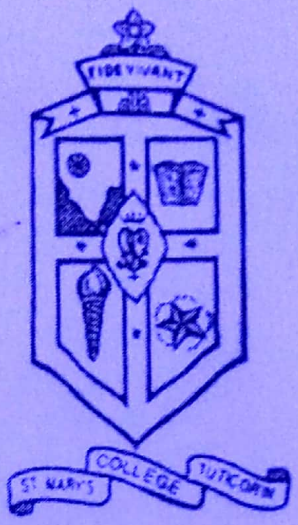
BONAFIDE CERTIFICATE

MANONMANIUM SUNDARANAR UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

ST. MARY'S COLLEGE(AUTONOMOUS)

THOOTHUKUDI



This is to certify that the project report entitled "STUDENT MANAGEMENT SYSTEM " is the bonafide work done by

1.Jenisha J	**19AUCS18**
2.Kiruba R	**19AUCS25**
3.Steffy Rubavathy	**19AUCS45**
4.Sumaiya Beevi S	**19AUCS46**

Scanned by CamScanner

In the partial fulfillment of the requirements for the award of degree in BACHELOR OF COMPUTER SCIENCE during the year 2021-2022.

Tyndi.T
Guide

Head of the Department

Submitted for the examination held on 23.05.2022

23/05/22
Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

Scanned by CamScanner

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Community Management Web Application" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project.

Our heartfelt thanks to our project guide Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc.,for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil., Sr.K.Reetha M.Sc. M.Phil.,Ms.M.Jothimani B.E. M.Sc. M.Phil.,Ms. Andrews Felicitta M.Sc. MBA., J.Jeyasri M.Sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

TABLE OF CONTENTS

S.NO	CONTENT	PAGE. NO
1	Introduction	7
2	System Analysis	11
3	Project Requirement	14
4	Project Description	16
5	Software Description	18
6	System Design	24
7	System Testing and Implementation	30
8	Conclusion	53
9	Future Enhancement	55
10	Bibliography	57

1.INTRODUCTION

SYNOPSIS

The **STUDENT MANAGEMENT SYSTEM** would cover all the specifications required to keep track of the student management in an school or college. It will deal with the system of monitoring the users based on the inputs given by the head user as per requirements through online, as well as the data transactions that take place in the respective fields of User and admin. It allows the User to define info and much more of the users existing in an institution given by the head user and admin and also allows the user to list out the users with all reports and their issues at ease. It requires user to include the data initially and then view it by the Head user and the admin any time they try to search for an query in the application. The head user and admin can also register and change the specifics of the other user's details whenever necessary. All information about the Head user and the other users and their data are contained in the database. This report is later generated automatically.

1.1 PROJECT OVERVIEW

STUDENT MANAGEMENT SYSTEM App helps Teachers and students to keep track with their user details and their respective reports with an ease to use user interface design. And the App also Keeps Track of the sections of both the admin's and the head user's details and its user's info which is displayed in the dashboard and Helps the head user to read the report.

1.2 OBJECTIVE

The main objective of the **STUDENT MANAGEMENT SYSTEM** Application is to help Teachers, Students & institutions to keep track with their user management details and their respective reports with an visually appealing report.

2.SYSTEM ANALYSIS

2.SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Although there are many different types of student management systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many student management applications have easy to use user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time consuming.
- Specific devices required.

2.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use Student management system application. The **STUDENT MANAGEMENT SYSTEM** enables the Head user to keep track of the overall details of their users based on their requirements that are chosen by themselves and enables them to generate report from the given data at ease. Using the data from the users, database values are generated, which is later converted in to a report automatically by the user. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy to use User Interface and can generate visually appealing graphs using the statistical data.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response
- Interactive dashboard
- Providers dashboard enabled

- Enhancements using APIs

3. SYSTEM REQUIREMENTS

3. SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 2GB & above

HDD/SSD : 100GB & above

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM : Windows 7 & above

IDE : Visual Code Studio

FRONT END : HTML, CSS, Bootstrap4

BACK END : PHP, JavaScript

DATABASE : MySQL

SERVER SIDE : WAMP

4.PROJECT DESCRIPTION

1. STUDENT DETAILS

This module comprises of the Student details of all the users in a single dashboard.

2. ADMIN DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for admin.

3. ADMIN PROFILE

Contains the basic profile details of the admin which can be later edited and deleted and also contains the password reset option.

4. USER DASHBOARD

Dashboard is useful to view public notices or specific notices.

5. USER PROFILE

Contains the basic profile details of the user which can be later edited and deleted and also contains the password reset option.

5. SOFTWARE DESCRIPTION

VISUAL STUDIO CODE

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

SPECIFICATIONS

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

RUNTIME

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as <img /> and <input /> directly introduce content into the page. Other tags such as <p> surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK

A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser

is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%.Other notable browsers include Firefox and Microsoft Edge.

6. SYSTEM DESIGN

6.1 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of a computerized system and is often the major problem of a system.

In the project, the input design is made in various web forms with various methods. The Student data is provided in the form by the user.

6.2 OUTPUT DESIGN:

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

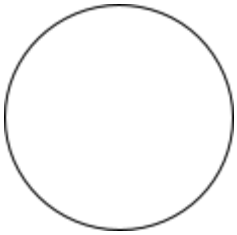
In the project, the student section details are the web forms in statistics tables where the output is available.

6.3 DATA FLOW DIAGRAM/ENTITY RELATIONSHIP DIAGRAM

DESIGN NOTATIONS

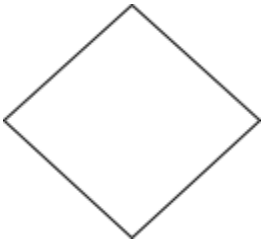
- Entity

- Dataflow

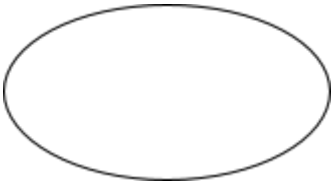


Process

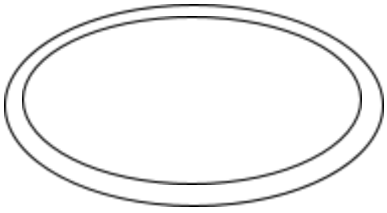
- Rage



- Relationship

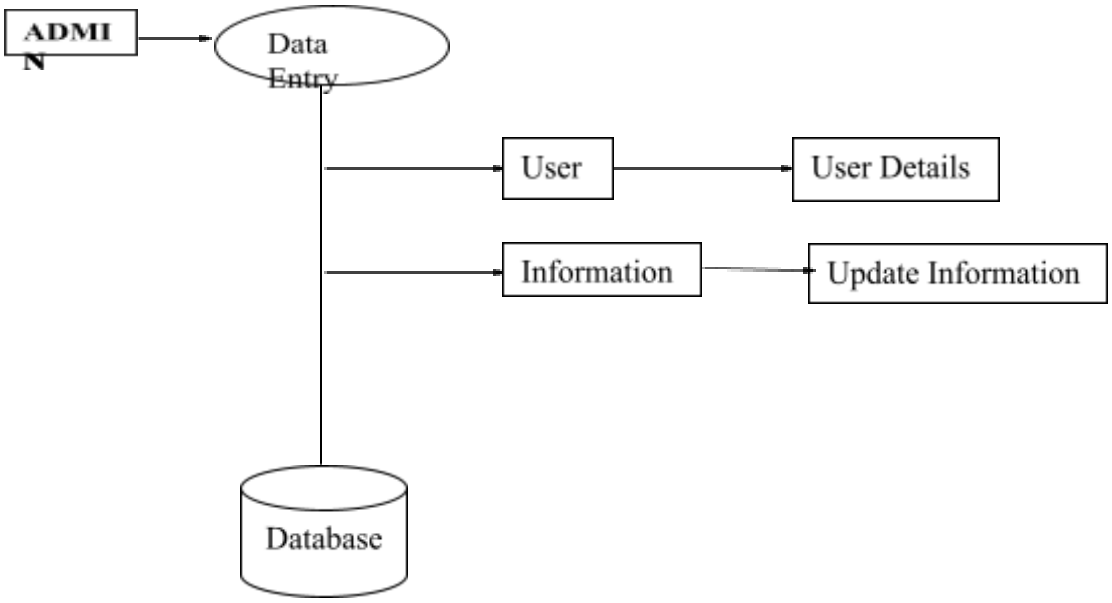


- Attributes

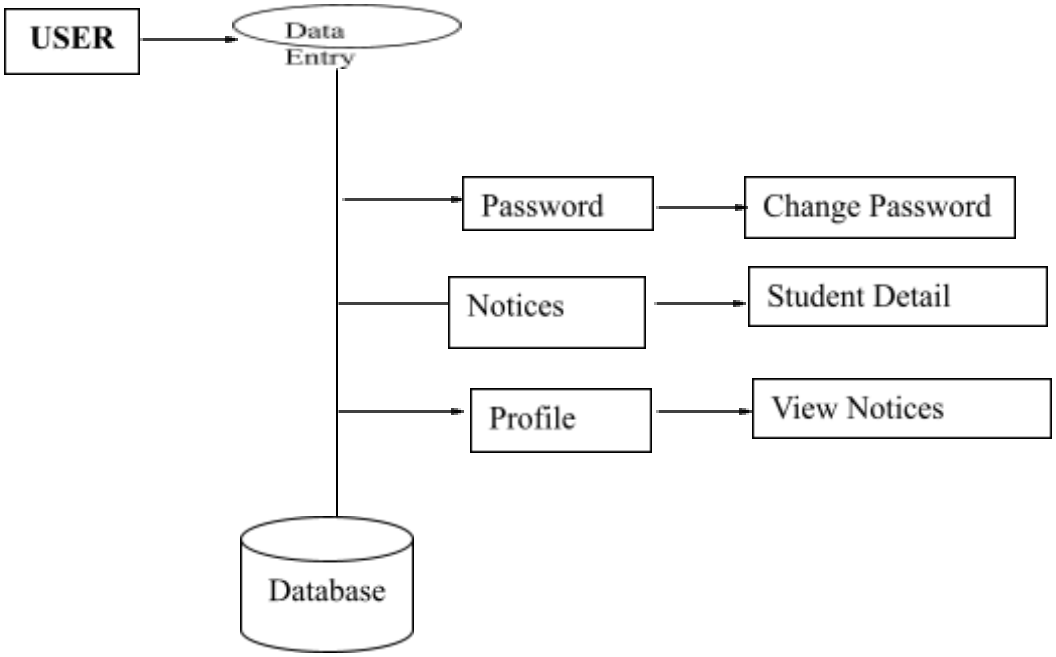


- Multi- valued attribute

LEVEL 1

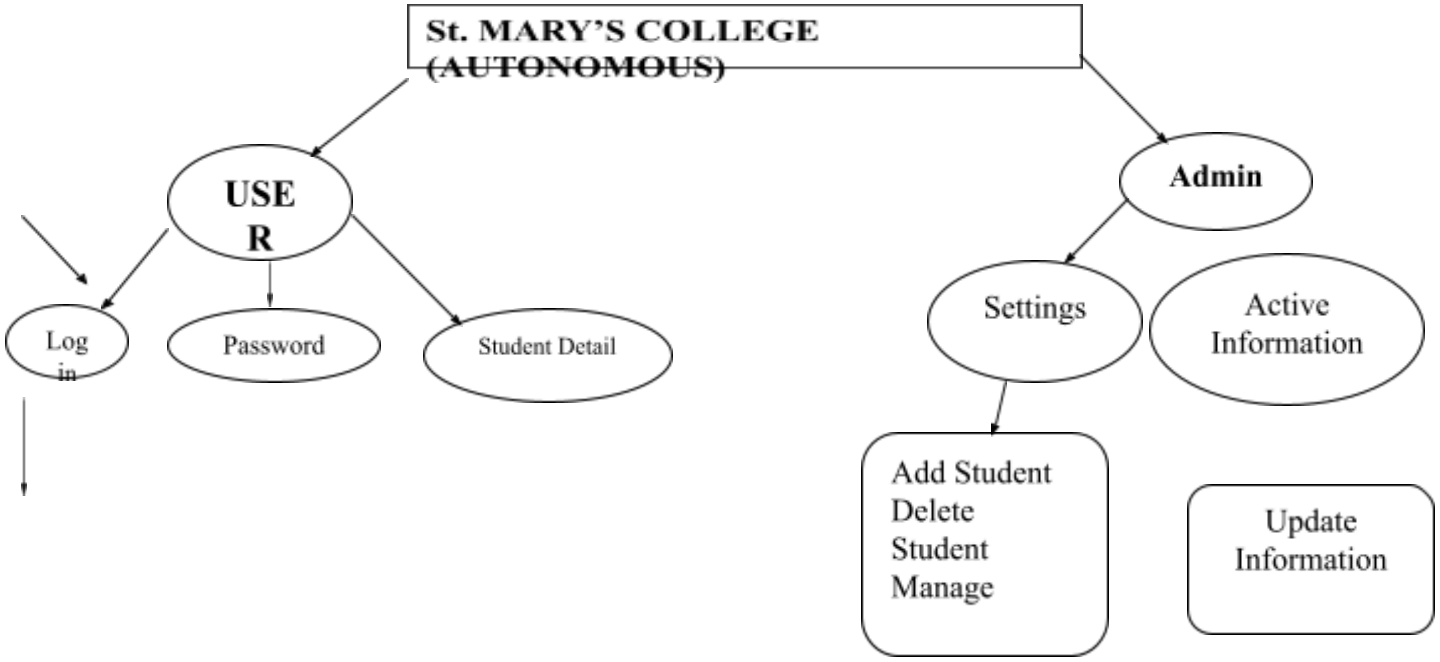


LEVEL 2



DATA-FLOW DIAGRAM

LEVEL 3



6.4DATABASE TABLE DESIGN

A Database is a collection of information. A primary objective of a database management system is to provide a convenient environment to retrieve and storedatabase information. The most popular and flexible Database system is the relational database management system. The RDBMS organizes data in the form of tables. We have used MS ACCESS to store our data in .mdb format.

USER TABLE

Field Name	**Data Type**
User Id	Auto Number
User Name	Text
Password	Text
User Type	Text

STUDENT TABLE

Field Name	**Data Type**
Student ID	Number
User Id	Number

7. SYSTEM TESTING AND IMPLEMENTATION

7.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and developments,
2. Works as expected,
3. Can be implemented with the same of characteristics,
4. Satisfies the needs of stakeholders.

7.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated's design properties and/or requirements. The element is constructed employing appropriate technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test performed by end-users using real data over an extended period of time. There are several forms of verification that people use to validate their works. The lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test
- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into sub-systems, which are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interface between modules. The different modules were linked together and integration testing done on them.

7.3 SYSTEM IMPLEMENTATION

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments and correcting problems Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system. Adaptation of software to a new environment may involve moving the software to a different machine, or for instance, modifying the software to accommodate a new telecommunication protocol or an additional disk drives. Problem correction involves modification and revalidation of software to correct errors.

7.4 CODING

INDEX:

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
?>
<!doctype html>
<html>
<head>
<title>St.Mary's College(Autonomous),Thoothukudi. || Home
Page</title>
<script type="application/x-javascript"> addEventListener("load",
function() { setTimeout(hideURLbar, 0); }, false); function
hideURLbar(){ window.scrollTo(0,1); } </script>
<!--bootstrap-->
<link href="css/bootstrap.css" rel="stylesheet" type="text/css"
media="all">
<!--coustom css-->
<link href="css/style.css" rel="stylesheet" type="text/css"/>
<!--script-->
<script src="js/jquery-1.11.0.min.js"></script>
<!-- js -->
<script src="js/bootstrap.js"></script>
<!-- /js -->
<!--fonts-->
<link
href='//fonts.googleapis.com/css?family=Open+Sans:300,300italic
```

```
,400italic,400,600,600italic,700,700italic,800,800italic'
rel='stylesheet' type='text/css'>
<!--/fonts-->
<!--hover-girds-->
<link rel="stylesheet" type="text/css" href="css/default.css" />
<link rel="stylesheet" type="text/css" href="css/component.css" />
<script src="js/modernizr.custom.js"></script>
<!--/hover-grids-->
<script type="text/javascript" src="js/move-top.js"></script>
<script type="text/javascript" src="js/easing.js"></script>
<!--script-->
<script type="text/javascript">
                    jQuery(document).ready(function($) {
                        $(".scroll").click(function(event){
                            event.preventDefault();

$('html,body').animate({scrollTop:$(this.hash).offset().top},900);
                        });
                    });
</script>
<!--/script-->
</head>
    <body>
<?php include_once('includes/header.php');?>
<div class="banner">
  <div class="container">
  <script src="js/responsiveslides.min.js"></script>
 <script>
    $(function () {
      $("#slider").responsiveSlides({
```

```
        auto: true,
        nav: true,
        speed: 500,
        namespace: "callbacks",
        pager: true,
      });
    });
  </script>
<div class="slider">
       <div class="callbacks_container">
        <ul class="rslides" id="slider">
         <li>
          <h3>St.Mary's College</h3>
           <p>Registered Students can Login Here</p>
          <div class="readmore">
          <a href="user/login.php">Student Login<i class="glyphicon
glyphicon-menu-right"> </i></a>
          </div>
         </li>



        </ul>
      </div>
    </div>
</div>
  </div>
<div class="welcome">
        <div class="container">
                <?php
$sql="SELECT * from tblpage where PageType='aboutus'";
```

```
$query = $dbh -> prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $row)
{               ?>
                <h2><?php  echo
htmlentities($row->PageTitle);?></h2>
                <p><?php  echo
($row->PageDescription);?></p><?php $cnt=$cnt+1;}} ?>
        </div>
</div>
<!--/welcome-->


<!--testmonials-->
<div class="testimonials">
        <div class="container">
                        <div class="testimonial-nfo">
        <h3>Public Notices</h3>
         <marquee  style="height:350px;" direction ="up"
onmouseover="this.stop();" onmouseout="this.start();">
                                <?php
$sql="SELECT * from tblpublicnotice";
$query = $dbh -> prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
```

```
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $row)
{               ?>


                <a href="view-public-notice.php?viewid=<?php echo
htmlentities ($row->ID);?>" target="_blank" style="color:#fff;">
          <?php  echo htmlentities($row->NoticeTitle);?>(<?php
echo htmlentities($row->CreationDate);?>)</a>
          <hr /><br />

                        <?php $cnt=$cnt+1;}} ?>
        </marquee></div>
        </div>
</div>
<!--\testmonials-->
<!--specfication-->

<!--/specfication-->
<?php include_once('includes/footer.php');?>
<!--/copy-rights-->
        </body>
</html>
```

ADMIN – DASHBOARD:

```
<?php
session_start();
//error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['sturecmsaid']==0)) {
  header('location:logout.php');
  } else{

  ?>
<!DOCTYPE html>
<html lang="en">
  <head>

    <title>Student  Management System|||Dashboard</title>
    <!-- plugins:css -->
    <link rel="stylesheet"
href="vendors/simple-line-icons/css/simple-line-icons.css">
    <link rel="stylesheet"
href="vendors/flag-icon-css/css/flag-icon.min.css">
    <link rel="stylesheet"
href="vendors/css/vendor.bundle.base.css">
    <!-- endinject -->
    <!-- Plugin css for this page -->
    <link rel="stylesheet"
href="vendors/daterangepicker/daterangepicker.css">
    <link rel="stylesheet" href="vendors/chartist/chartist.min.css">
    <!-- End plugin css for this page -->
    <!-- inject:css -->
```

```
    <!-- endinject -->
    <!-- Layout styles -->
    <link rel="stylesheet" href="css/style.css">
    <!-- End layout styles -->

  </head>
  <body>
    <div class="container-scroller">
      <!-- partial:partials/_navbar.html -->
     <?php include_once('includes/header.php');?>
      <!-- partial -->
      <div class="container-fluid page-body-wrapper">
        <!-- partial:partials/_sidebar.html -->
        <?php include_once('includes/sidebar.php');?>
        <!-- partial -->
        <div class="main-panel">
          <div class="content-wrapper">
            <div class="row">
              <div class="col-md-12 grid-margin">
                <div class="card">
                  <div class="card-body">
                    <div class="row">
                      <div class="col-md-12">
                        <div class="d-sm-flex align-items-baseline
report-summary-header">
                          <h5 class="font-weight-semibold">Report
Summary</h5> <span class="ml-auto">Updated Report</span>
<button class="btn btn-icons border-0 p-2"><i
class="icon-refresh"></i></button>
                        </div>
```

```
                  </div>
                </div>
                <div class="row report-inner-cards-wrapper">
                  <div class=" col-md -6 col-xl report-inner-card">
                    <div class="inner-card-text">
                      <?php
                    $sql1 ="SELECT * from  tblclass";
$query1 = $dbh -> prepare($sql1);
$query1->execute();
$results1=$query1->fetchAll(PDO::FETCH_OBJ);
$totclass=$query1->rowCount();
?>
                      <span class="report-title">Total Class</span>
                      <h4><?php echo htmlentities($totclass);?></h4>
                      <a href="manage-class.php"><span
class="report-count"> View Classes</span></a>
                    </div>
                    <div class="inner-card-icon bg-success">
                      <i class="icon-rocket"></i>
                    </div>
                  </div>
                  <div class="col-md-6 col-xl report-inner-card">
                    <div class="inner-card-text">
                      <?php
                    $sql2 ="SELECT * from  tblstudent";
$query2 = $dbh -> prepare($sql2);
$query2->execute();
$results2=$query2->fetchAll(PDO::FETCH_OBJ);
$totstu=$query2->rowCount();
?>
```

```
                    <span class="report-title">Total Students</span>
                    <h4><?php echo htmlentities($totstu);?></h4>
                    <a href="manage-students.php"><span
class="report-count"> View Students</span></a>
                  </div>
                  <div class="inner-card-icon bg-danger">
                    <i class="icon-user"></i>
                  </div>
                </div>
                <div class="col-md-6 col-xl report-inner-card">
                  <div class="inner-card-text">
                    <?php
                    $sql3 ="SELECT * from  tblnotice";
$query3 = $dbh -> prepare($sql3);
$query3->execute();
$results3=$query3->fetchAll(PDO::FETCH_OBJ);
$totnotice=$query3->rowCount();
?>
                    <span class="report-title">Total Class
Notice</span>
                    <h4><?php echo htmlentities($totnotice);?></h4>
                    <a href="manage-notice.php"><span
class="report-count"> View Notices</span></a>
                  </div>
                  <div class="inner-card-icon bg-warning">
                    <i class="icon-doc"></i>
                  </div>
                </div>
                <div class="col-md-6 col-xl report-inner-card">
                  <div class="inner-card-text">
```

```
                    <?php
                   $sql4 ="SELECT * from  tblpublicnotice";
$query4 = $dbh -> prepare($sql4);
$query4->execute();
$results4=$query4->fetchAll(PDO::FETCH_OBJ);
$totpublicnotice=$query4->rowCount();
?>
                    <span class="report-title">Total Public
Notice</span>
                    <h4><?php echo
htmlentities($totpublicnotice);?></h4>
                    <a href="manage-public-notice.php"><span
class="report-count"> View PublicNotices</span></a>
                  </div>
                  <div class="inner-card-icon bg-primary">
                    <i class="icon-doc"></i>
                  </div>
                 </div>
                </div>
               </div>
              </div>
             </div>


        </div>
        <!-- content-wrapper ends -->
        <!-- partial:partials/_footer.html -->
       <?php include_once('includes/footer.php');?>
        <!-- partial -->
```

```
        </div>
        <!-- main-panel ends -->
      </div>
      <!-- page-body-wrapper ends -->
    </div>
    <!-- container-scroller -->
    <!-- plugins:js -->
    <script src="vendors/js/vendor.bundle.base.js"></script>
    <!-- endinject -->
    <!-- Plugin js for this page -->
    <script src="vendors/chart.js/Chart.min.js"></script>
    <script src="vendors/moment/moment.min.js"></script>
    <script
src="vendors/daterangepicker/daterangepicker.js"></script>
    <script src="vendors/chartist/chartist.min.js"></script>
    <!-- End plugin js for this page -->
    <!-- inject:js -->
    <script src="js/off-canvas.js"></script>
    <script src="js/misc.js"></script>
    <!-- endinject -->
    <!-- Custom js for this page -->
    <script src="js/dashboard.js"></script>
    <!-- End custom js for this page -->
  </body>
</html><?php }  ?>
```

USER-DASHBOARD:

```
<?php
session_start();
//error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['sturecmsstuid']==0)) {
  header('location:logout.php');
  } else{

  ?>
<!DOCTYPE html>
<html lang="en">
  <head>

    <title>Student  Management System|||Dashboard</title>
    <!-- plugins:css -->
    <link rel="stylesheet"
href="vendors/simple-line-icons/css/simple-line-icons.css">
    <link rel="stylesheet"
href="vendors/flag-icon-css/css/flag-icon.min.css">
    <link rel="stylesheet"
href="vendors/css/vendor.bundle.base.css">
    <!-- endinject -->
    <!-- Plugin css for this page -->
    <link rel="stylesheet"
href="./vendors/daterangepicker/daterangepicker.css">
    <link rel="stylesheet" href="./vendors/chartist/chartist.min.css">
    <!-- End plugin css for this page -->
    <!-- inject:css -->
```

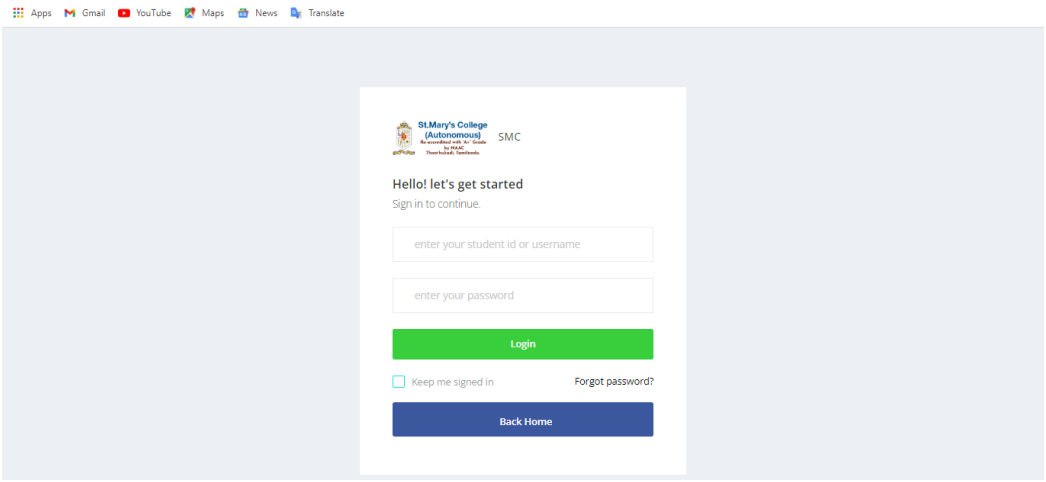
```
    <!-- endinject -->
    <!-- Layout styles -->
    <link rel="stylesheet" href="./css/style.css">
    <!-- End layout styles -->
    </head>
  <body>
    <div class="container-scroller">
      <!-- partial:partials/_navbar.html -->
     <?php include_once('includes/header.php');?>
      <!-- partial -->
      <div class="container-fluid page-body-wrapper">
        <!-- partial:partials/_sidebar.html -->
        <?php include_once('includes/sidebar.php');?>
        <!-- partial -->
        <div class="main-panel">
          <div class="content-wrapper">
            <div class="row purchace-popup">
              <div class="col-12 stretch-card grid-margin">
                <div class="card card-secondary">
                  <span class="card-body d-lg-flex align-items-center">
                    <p class="mb-lg-0">Notices from the school kindly
check! </p>
                    <a href="view-notice.php" target="_blank" class="btn
btn-warning purchase-button btn-sm my-1 my-sm-0
ml-auto">View Notice</a>

                  </span>
                </div>
              </div>
            </div>
```

```
          </div>
          <!-- content-wrapper ends -->
          <!-- partial:partials/_footer.html -->
         <?php include_once('includes/footer.php');?>
          <!-- partial -->
        </div>
        <!-- main-panel ends -->
      </div>
      <!-- page-body-wrapper ends -->
    </div>
    <!-- container-scroller -->
    <!-- plugins:js -->
    <script src="vendors/js/vendor.bundle.base.js"></script>
    <!-- endinject -->
    <!-- Plugin js for this page -->
    <script src="./vendors/chart.js/Chart.min.js"></script>
    <script src="./vendors/moment/moment.min.js"></script>
    <script
src="./vendors/daterangepicker/daterangepicker.js"></script>
    <script src="./vendors/chartist/chartist.min.js"></script>
    <!-- End plugin js for this page -->
    <!-- inject:js -->
    <script src="js/off-canvas.js"></script>
    <script src="js/misc.js"></script>
    <!-- endinject -->
    <!-- Custom js for this page -->
    <script src="./js/dashboard.js"></script>
    <!-- End custom js for this page -->
  </body>
</html><?php }  ?>
```

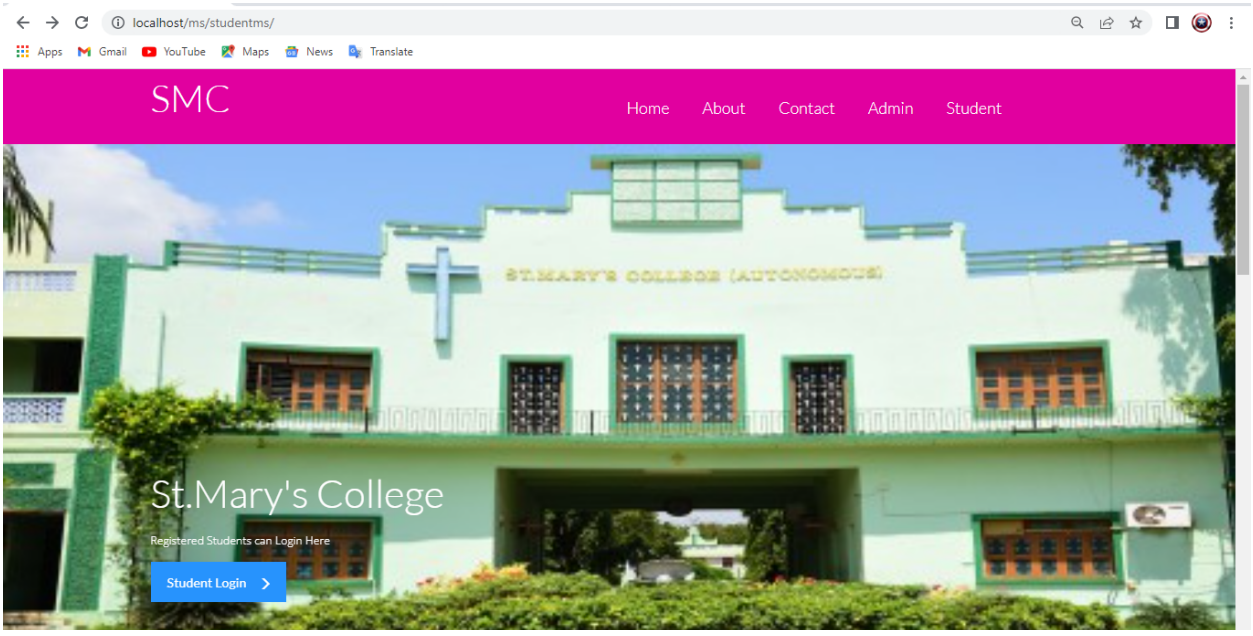
7.5APPENDIX

SCREENSHOTS-COMMON PAGES:

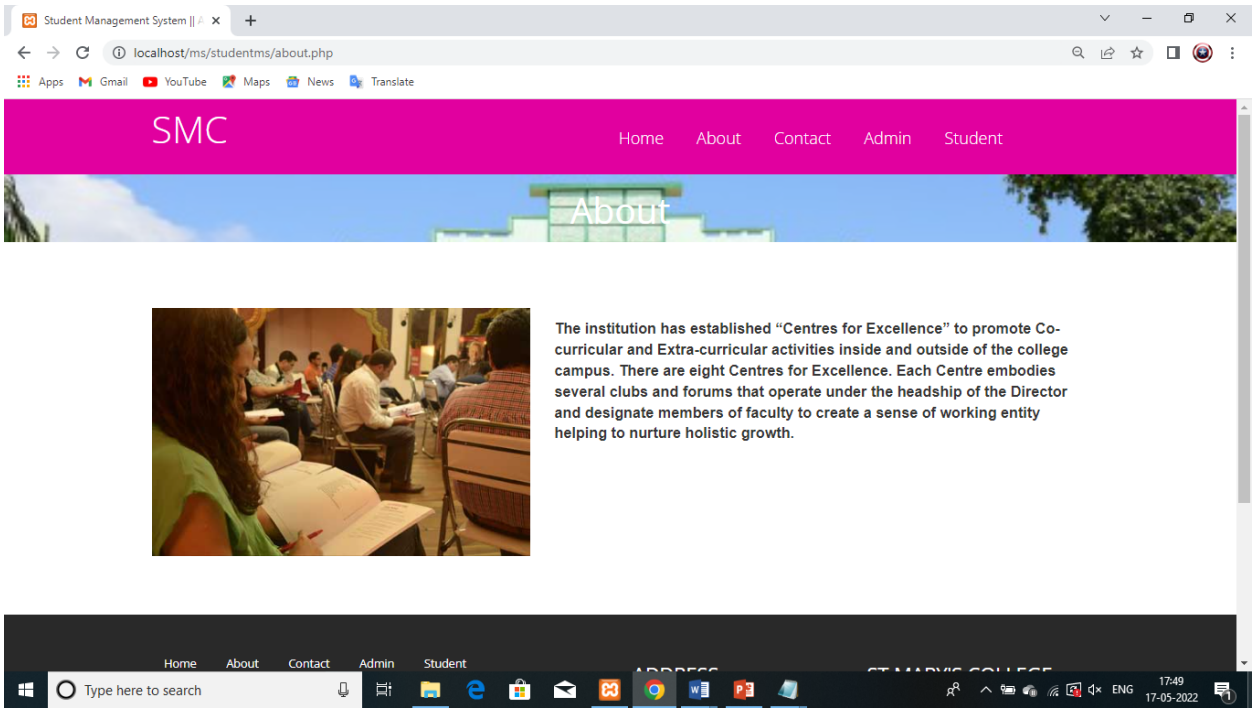
LOGIN PAGE:



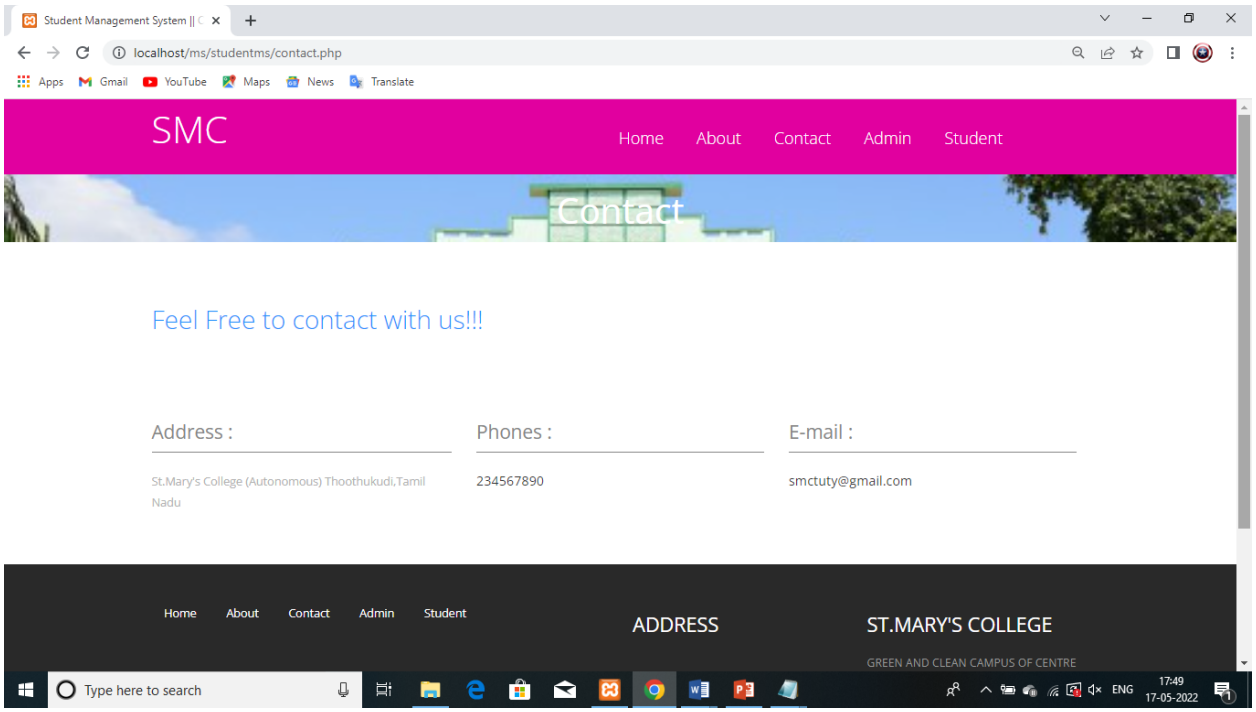
INDEX PAGE:



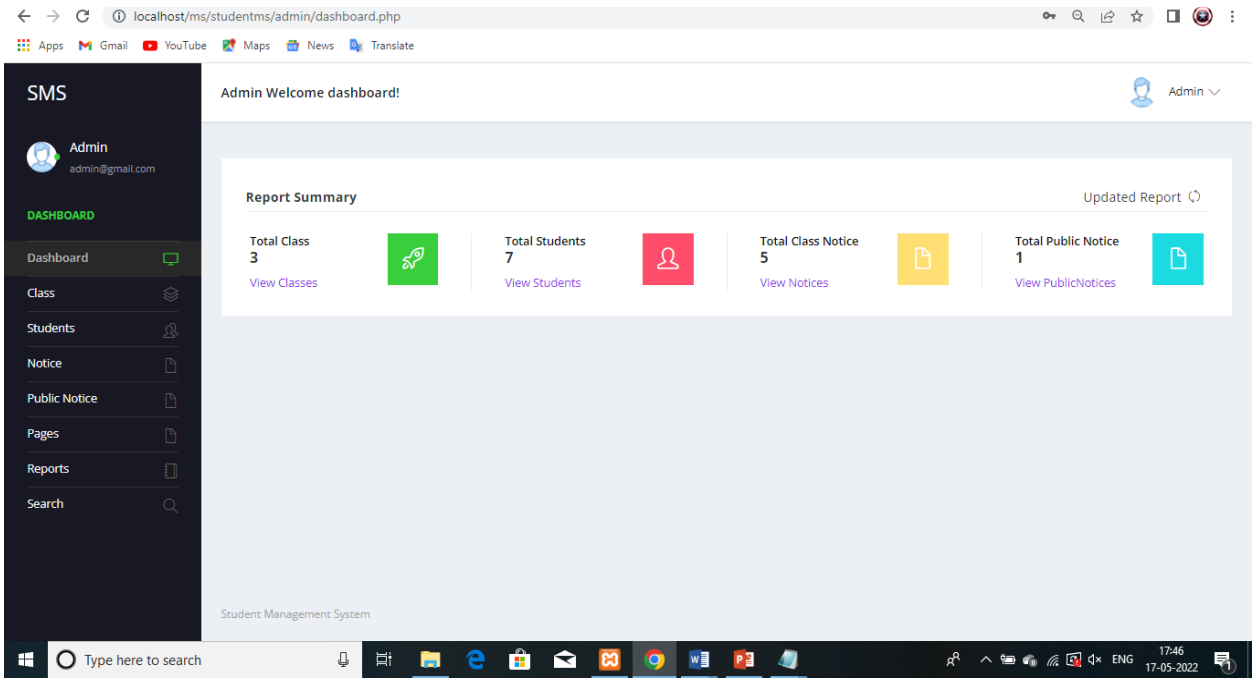
ABOUT-US PAGE:



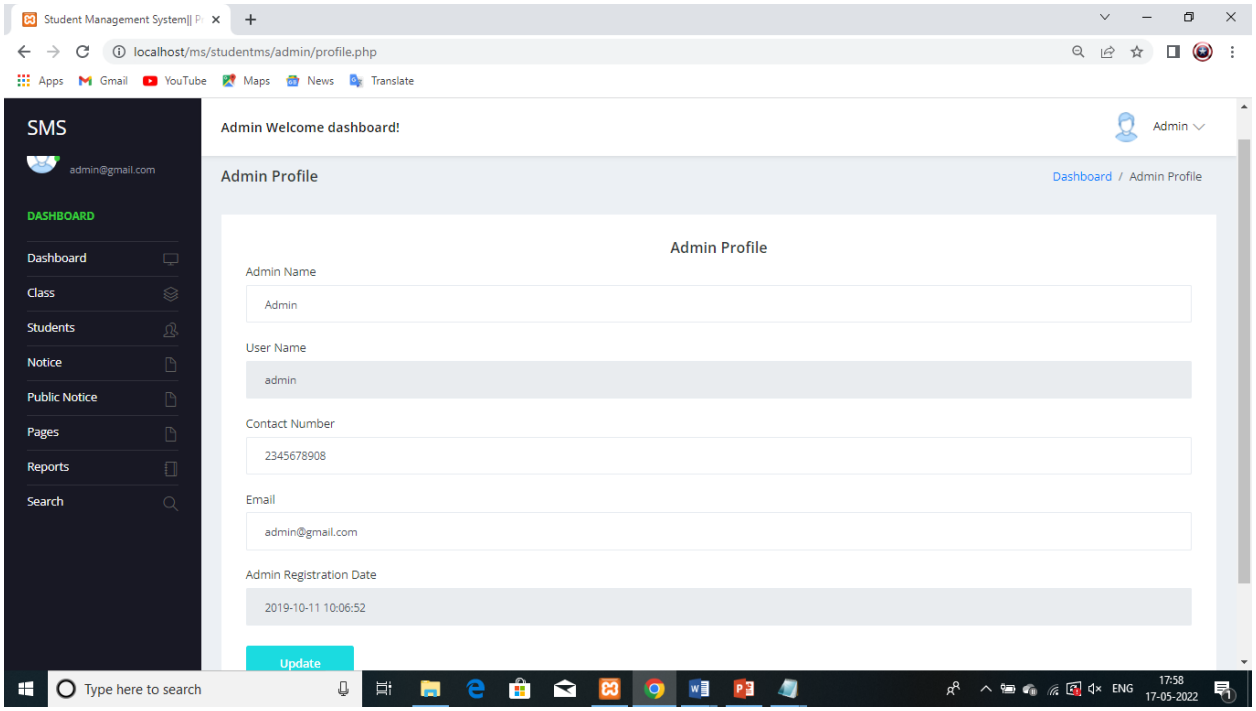
CONTACT-US PAGE:



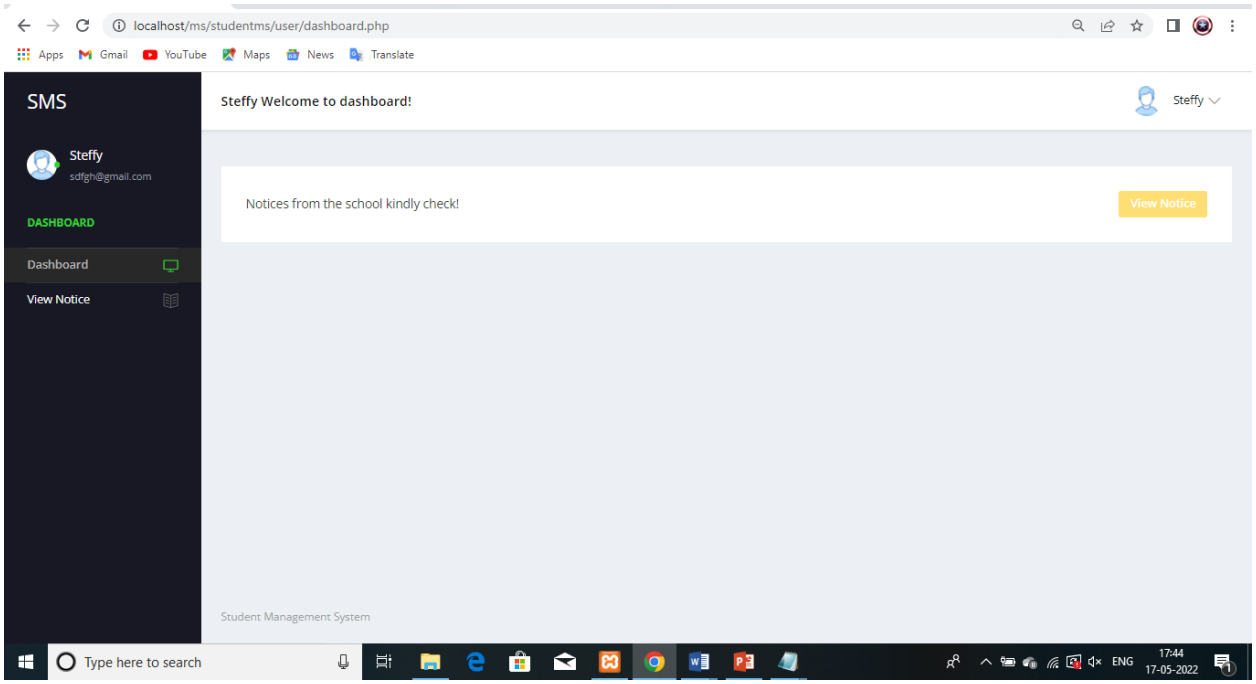
ADMIN DASHBOARD:



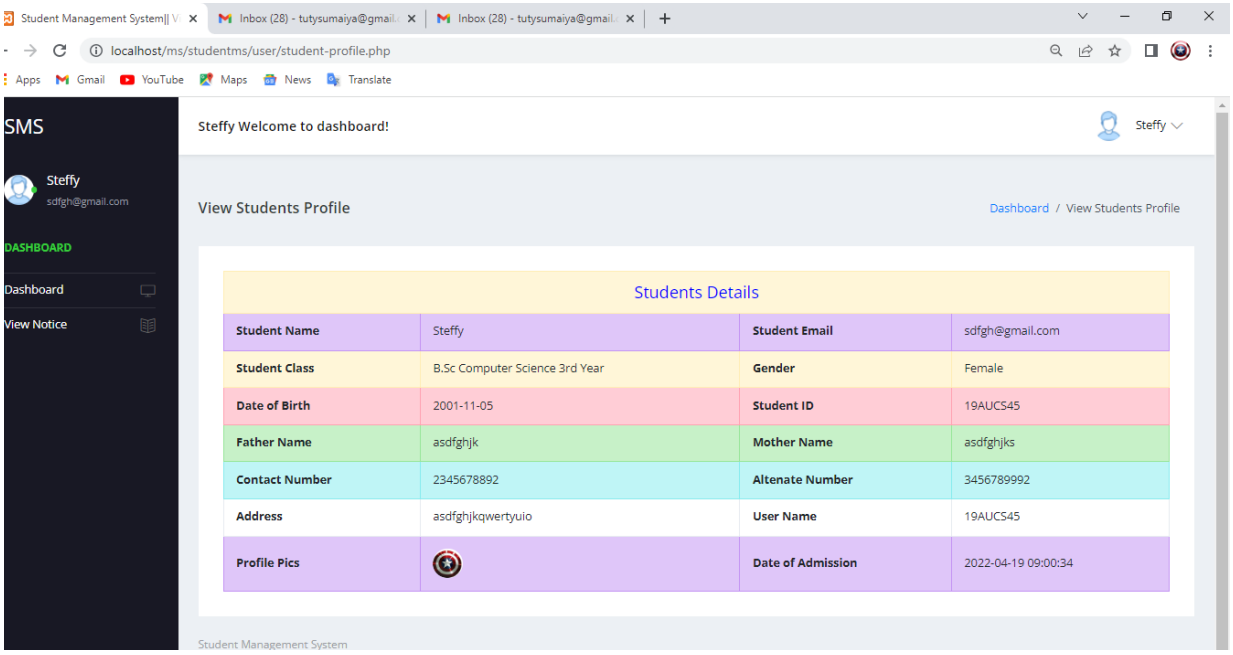
ADMIN-PROFILE:



USER DASHBOARD:



USER PROFILE:



8. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in Student management system, but also the much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged.

This system is user friendly so everyone can use easily, Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

9. FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

In future this module will work as a beneficial and time saving application and will include user databases individually.

10.

BIBLIOGRAPHY

Web Reference :

1. https://medium.com

2. https://www.reddit.com/

3. https://discord.com/

4.https://code.visualstudio.com/

5.http://forum.wampserver.com/

Project work on

"TOURISM MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+ Grade by NAAC)

Afflicted to

Manonmaniam Sundaranar University, Tirunelveli

For the Partial Fulfillment of the requirement for the award of degree in

Bachelor of Computer Science

Submitted by

1. Ajitha T	19AUCS01
2. Asha M	19AUCS05
3. Iruthaya Trinishia A	19AUCS14
4. Mary Agnes J	19AUCS31
5. Varshini M	19AUCS47

Under the Supervision and Guidance of

Miss.J.Jeyasri M.Sc.,

CERTIFICATE

DEPARTMENT OF COMPUTER SCIENCE
St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with 'A+ Grade by NAAC)
Afflicated to
MANONMANIUM SUNDARANAR UNIVERSITY, TIRUNELVELI

This is to certify that the project report entitled "TOURISM MANAGEMENT SYSTEM " is the work done by

1. Ajitha T	19AUCS01
2. Asha M	19AUCS05
3. Iruthaya Trinishia A	19AUCS14
4. Mary Agnes J	19AUCS31
5. Varshini M	19AUCS47

In the partial fulfillment of the requirements for the Degree of B.Sc.(Computer Science) during the Academic period 2021-2022.

Guide **Head of the Department**

Submitted for the university exam held on 23.05.2022

Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

23/05/22
External Examiner

CONTENTS

S.NO	TITLE	PAGE NO
1	**SYNOPSIS**	
2	**INTRODUCTION** ➢ Project Overview	
3	**SYSTEM ANALYSIS** ➢ Existing System ➢ Proposed System	
4	**SYSTEM REQUIREMENT AND SPECIFICATION** ➢ Hardware Requirement ➢ Software Requirement	
5	**SYSTEM DESIGN** ➢ Data Flow Diagram ➢ Input Design ➢ Output Design	
6	**CONCLUSION**	
7	**FUTURE ENHANCEMENT**	**62**
8	**CODING**	**76**
9	**SCREENSHOTS**	

	BIBILOGRAPHY	

ACKNOWLEDGEMENT

It is with great humility, we thank our God almighty who led us all through our Project "Tourism Management System" and enabled us to complete it. We whole heartedly express our gratitude to our college Principal Dr.Sr.A.S.J.Lucia Rose M.Sc. PGDCA. M.Phil. Ph.D., for permitting us to undertake this project.

We sincerely thank Ms.S.Gnanathangam M.C.A. M.Phil., Head of the Department, for her keen interest, guidance, encouragement and valuable suggestions throughout this project Ms. Andrews Felicitta M.Sc. MBA, J.Jeyasri M.Sc.,for her guidance and beneficial criticisms which significantly helped us in scheming the project in a constructive manner.

We also extend our boundless thanks to all our staff members Ms.J.Anila Maily M.Sc. M.Phil.,Ms.M.Jothimani B.E. M.Sc. M.Phil., K. Reetha M.Sc. M.Phil., Ms.S.Gnanathangam M.C.A. M.Phil. , and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

We also thank all our friends for the team spirit which helped us to complete this project work successfully.

ABSTRACT

The **TOURISM MANAGEMENT SYSTEM** would cover all the specifications required to keep track of the tourism packages provided by the application or agency. It will deal with the system of posting tour packages by the admin or agency based on the given inputs as per offerings through online, as well as the data transactions that take place in the respective fields of user and agency or admin. It allows the user to book the tour packages provided by the agency and admin and also allows the agencies and admin to list out all the details of the specific tour packages at ease. It requires admin and agencies to include the data initially and then view it any time they try to search for a query in the application. The admin, agency & users can register and change the specifics of the other details whenever necessary. All information about the user and packages and their data are contained in the database.

1. INTRODUCTION

1.1 PROJECT OVERVIEW

TOURISM MANAGEMENT SYSTEM App helps agencies to provide with their tour package details and their respective details with an ease to use user interface design. And the App Also Keeps Track of the sections of both the user and agency details and its package info which is displayed in the dashboard and Helps the user to view and book tour packages in various different segments.

1.2 OBJECTIVE

The main objective of the **TOURISM MANAGEMENT SYSTEM** Application is to help tourists in booking various different tour packages provided by the agencies with an visually appealing user interface.

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Although there are many different types of Tourism booking systems available out there in the market, major applications are very outdated and are used by not many users due to the insecure databases and inefficient functionality of the application. Not many Tourism management systems have easy to use user interface and very poor user experience designs which makes the application lose its ideology to better the user problems and provide them with a good reasonable solution.

DISADVANTAGES:

- Poor User Interface or User Experience design**.**
- Entry of data using traditional methods.
- Restriction for providers.
- No user interactive dashboards.
- Insecure app environment.
- Time consuming.
- platform dependent.

2.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use Tourism management system application. The **TOURISM MANAGEMENT SYSTEM** enables the user and tourists to book tour packages provided by the agencies based on their requirements that are offered by themselves and enables user to book from the given list at ease. Using the data from the users, database values are generated. This application has a specialty where it can be viewed on any devices and also offers secure environment to the users with an easy to use User Interface.

ADVANTAGES:

- Better & Easy to use User Interface and User Experience (UI/UX).
- Responsive design
- Platform Independent
- Secure Environment
- Latest technology
- Instant response
- Interactive dashboard
- Providers dashboard enabled
- Enhancements using APIs

3. SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 3010 & above

RAM : 2GB & above

HDD/SSD : 100GB & above

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM : Windows 7 & above

IDE : Visual Code Studio

FRONT END : HTML, CSS, Bootstrap 4

BACK END : PHP, JavaScript

DATABASE : MySQL

SERVER SIDE : WAMP

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

1. USER DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for tourists and users.

2. AGENCY / ADMIN DASHBOARD

Dashboard is useful for user interaction especially for data entry of date, type, source, etc, for Agents and admin.

3. PACKAGE LIST

This module comprises of the tour package lists provided by the agents in a single dashboard.

4. PROFILE

Contains the basic profile details of the users which can be later edited and deleted and also contains the password reset option.

5. LOGIN / REGISTER

This module is useful for user registration and logging in.

6. INDEX

This is the main homepage which has the introductory part of the application.

7. MISCELLANEOUS

Extra pages are also offered for the application for better understanding of the application for users and additional features which is usually miscellaneous according to the application’s functionality.

4.2 SOFTWARE DESCRIPTION

VISUAL STUDIO CODE:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go, JavaScript) and runtimes (such as .NET and Unity).

SPECIFICATIONS :

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

RUNTIME :

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage your databases easily.

HTML:

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It

can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file which reduces complexity and repetition in the structural content as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

JAVASCRIPT :

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

PHP :

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism *PHP: Hypertext Preprocessor*.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI)

executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line.

APPLICATION FRAMEWORK

A web browser (commonly referred to as a browser) is a software application for accessing information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with 19%.Other notable browsers include Firefox and Microsoft Edge.

5. SYSTEM DESIGN

5.1 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of a computerized system and is often the major problem of a system.

In the project, the input design is made in various web forms with various methods.

5.2 OUTPUT DESIGN:

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application.

6. SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING

Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test.

1. Meets the requirements that guided its design and developments,
2. Works as expected,
3. Can be implemented with the same of characteristics,
4. Satisfies the needs of stakeholders.

6.2 SYSTEM IMPLEMENTATION

Systems implementation is the construction of the new system and the delivery of that system into production. Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to the eliminated's design properties and/or requirements. The element is constructed employing appropriate

technologies and industry practices. This process bridges the system definition processes and the integration process.

1. Acceptance Test Plan

The final test performed by end-users using real data over an extended period of time. There are several forms of verification that people use to validate their works. The lots of problems get introduced into organizations.

2. Verification Testing

Its runs the system in a simulated environment using simulated data. This is sometimes called alpha testing. The simulated test is looking primarily for errors and omissions regarding end-user and design specifications that were specified in the earlier phases but not fulfilled during construction.

3. Validation testing

It runs the system in a live environment using real data. This is sometimes called beta testing. During this validation, you will test the following:

- Systems performance
- Peak workload processing performance
- Human engineering tests
- Methods and procedures test
- Backup and recovery tests

4. Audit Testing

It certifies that the system is free of errors and ready to go!

5. Unit Testing

An Activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with other components in isolation. A unit test generally tests the smallest possible unit of code, without dependencies on the system or network resources. For example, you can write a unit test to check that an Activity has the correct layout or that it triggers Intent objects correctly.

6. Integration Testing

In integration testing, the tested modules are combined into sub-systems, thich are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interface between modules. The different modules were linked together and integration testing done on them.

6.2 SYSTEM IMPLEMENTATION

The term "Software Maintenance" is used to describe software engineering activities Maintenance activities involve making enhancements to software products, adapting to new environments and correcting problems Software product enhancements may involve providing new functional capabilities, improving user displays and nodes of inter upgrading external documents and internal documentation or upgrading the performance characteristics of a system. Adaptation of software to a new environment may

involve moving the software to a different machine, or for instance, modifying the software to accommodate a new telecommunication protocol or an additional disk drives. Problem correction involves modification and revalidation of software to correct errors.

7. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in Tourism management system, but also the much work remains. We see a variety of options and opportunities. Libraries that expect to work with their automation system as delivered and not become involved in local extensions or programming will find that the majority of systems were built for that kind of use.

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged.

This system is user friendly so everyone can use easily, Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

8. FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static, it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

In future this module will work as a beneficial and time saving application and will include user databases individually.

9. BIBLIOGRAPHY

Web Reference :

1. https://medium.com

2. https://www.reddit.com/

3. https://discord.com/

4.https://code.visualstudio.com/

5.http://forum.wampserver.com/

6. https://stackoverflow.com/

7. https://phpgarukul.com

8.https://thecompanyboy.com

9.https://www.academia.edu

10.https://ijcsc.com

11.https://www.docsity.com

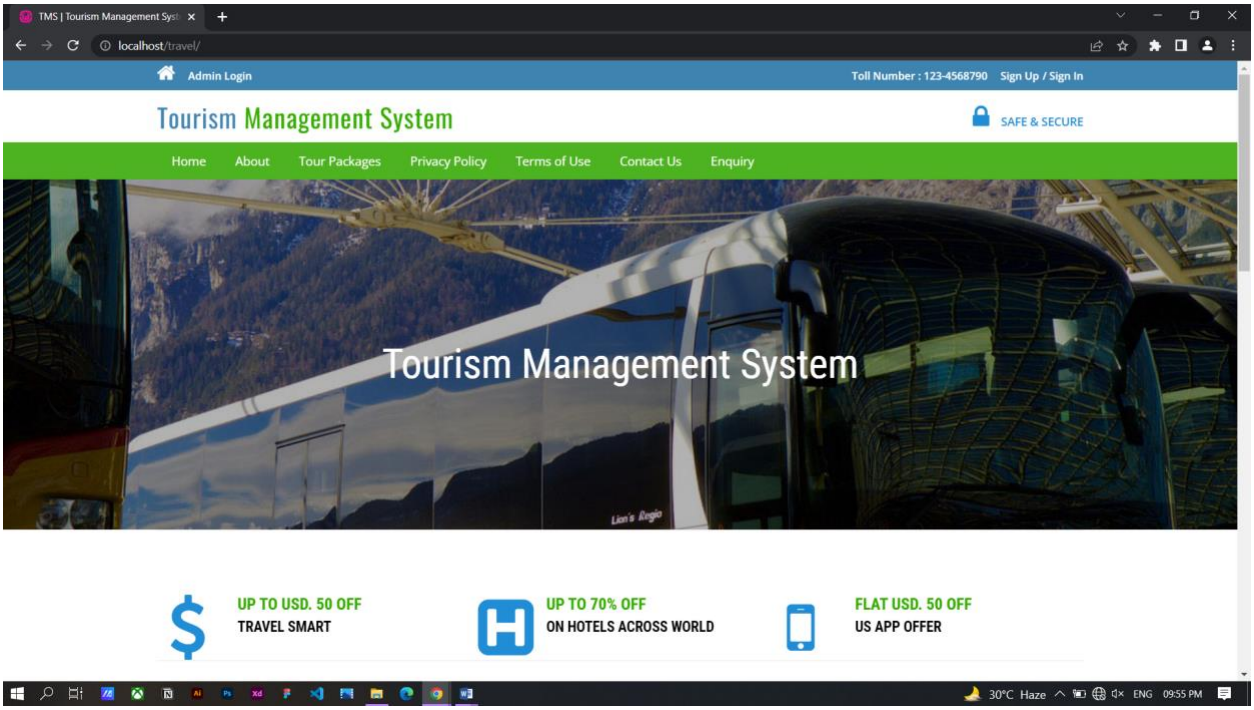
12.https://naidatut.com

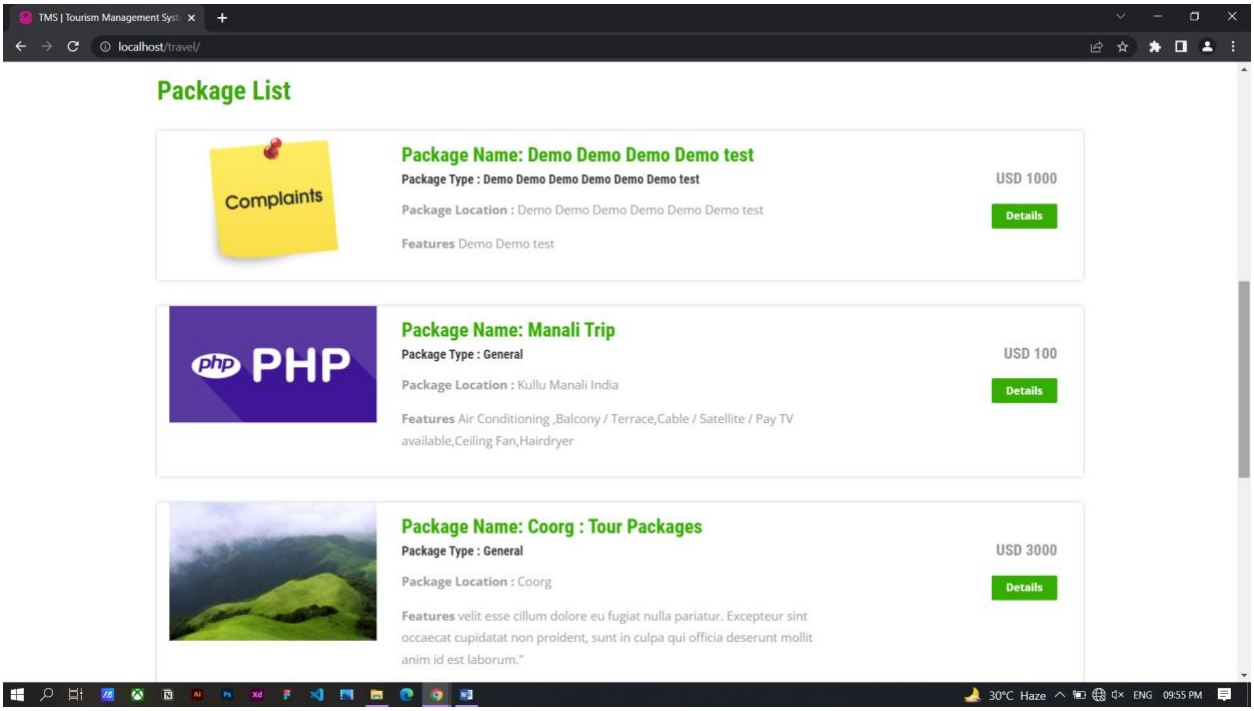
13.https://coreacuh.com

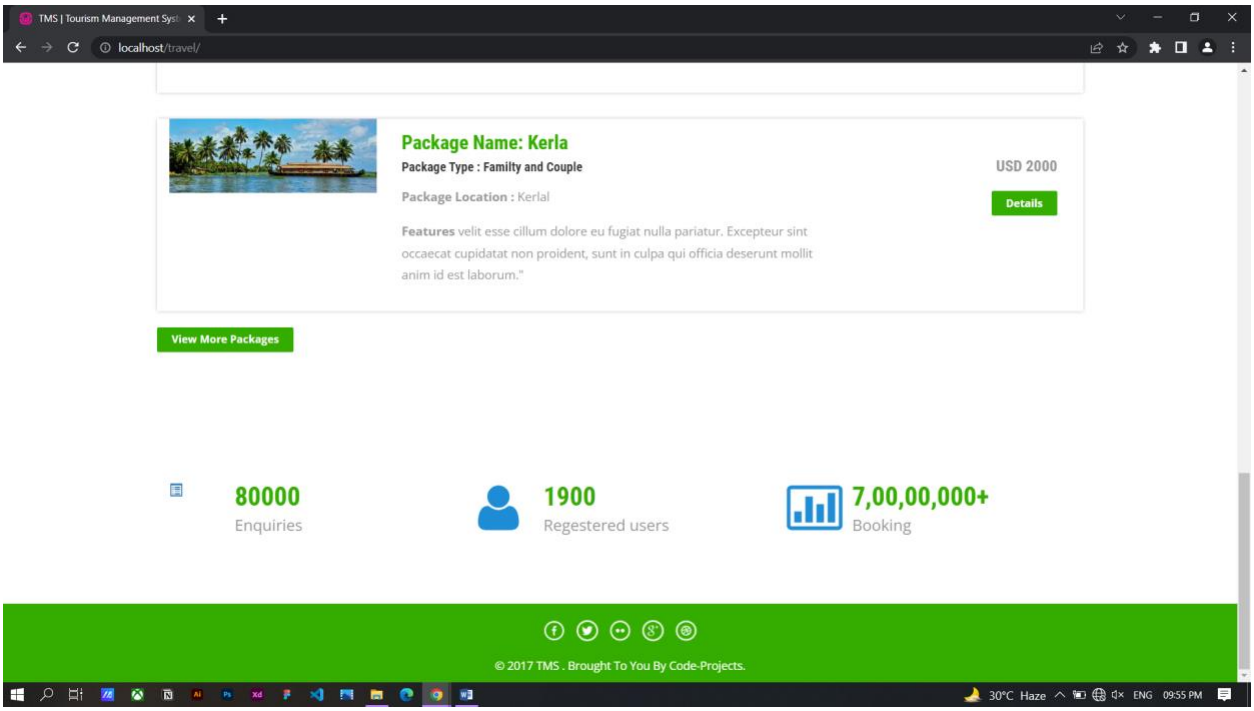
14. https://www.kashipara.com

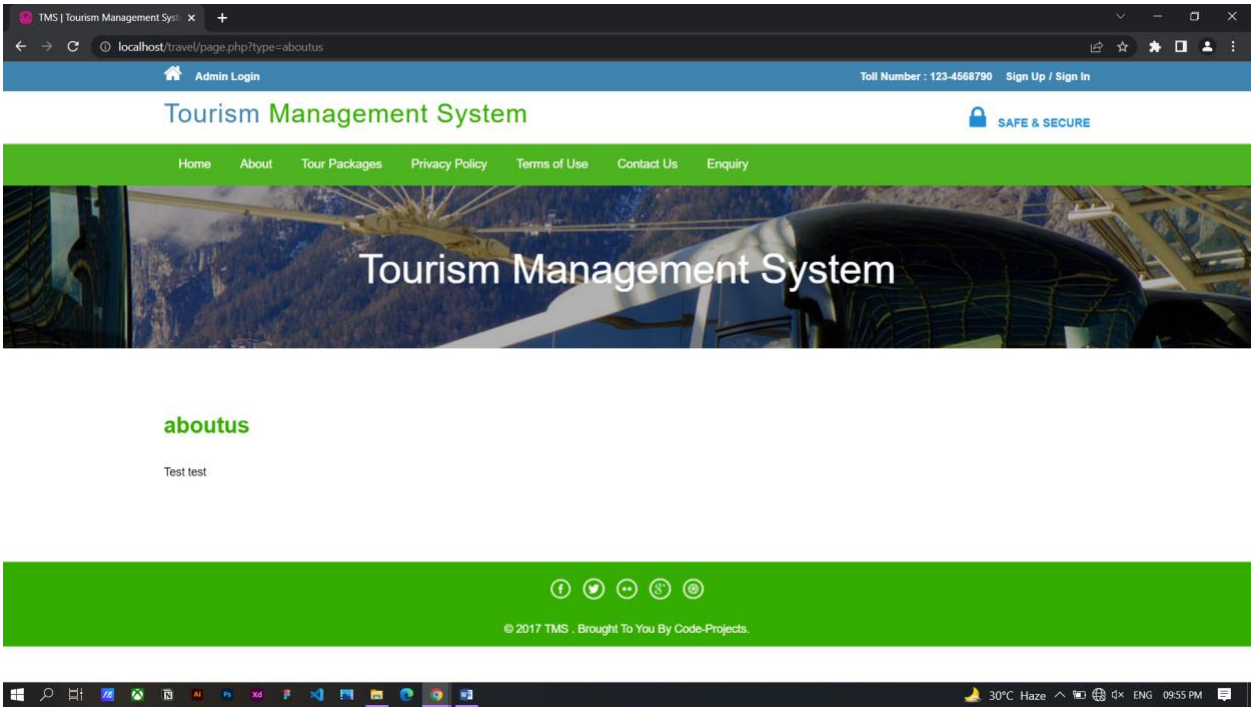
10. APPENDIX

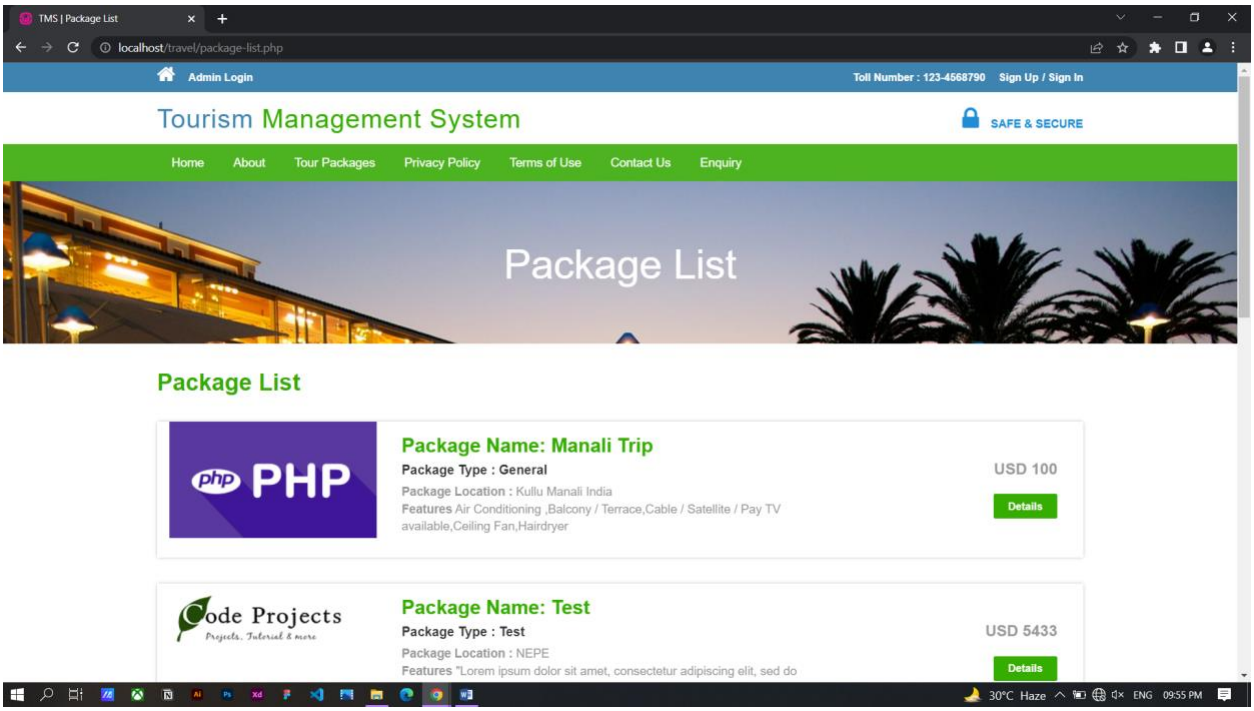
A. SCREEN SHOTS

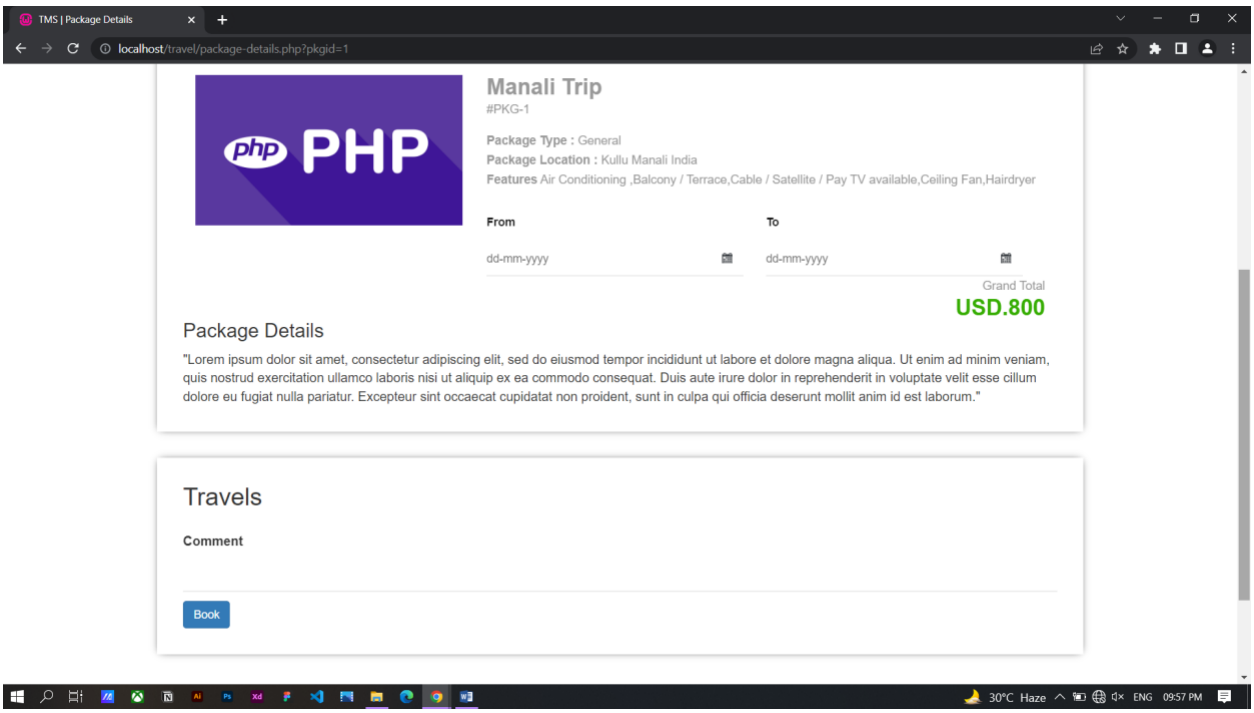


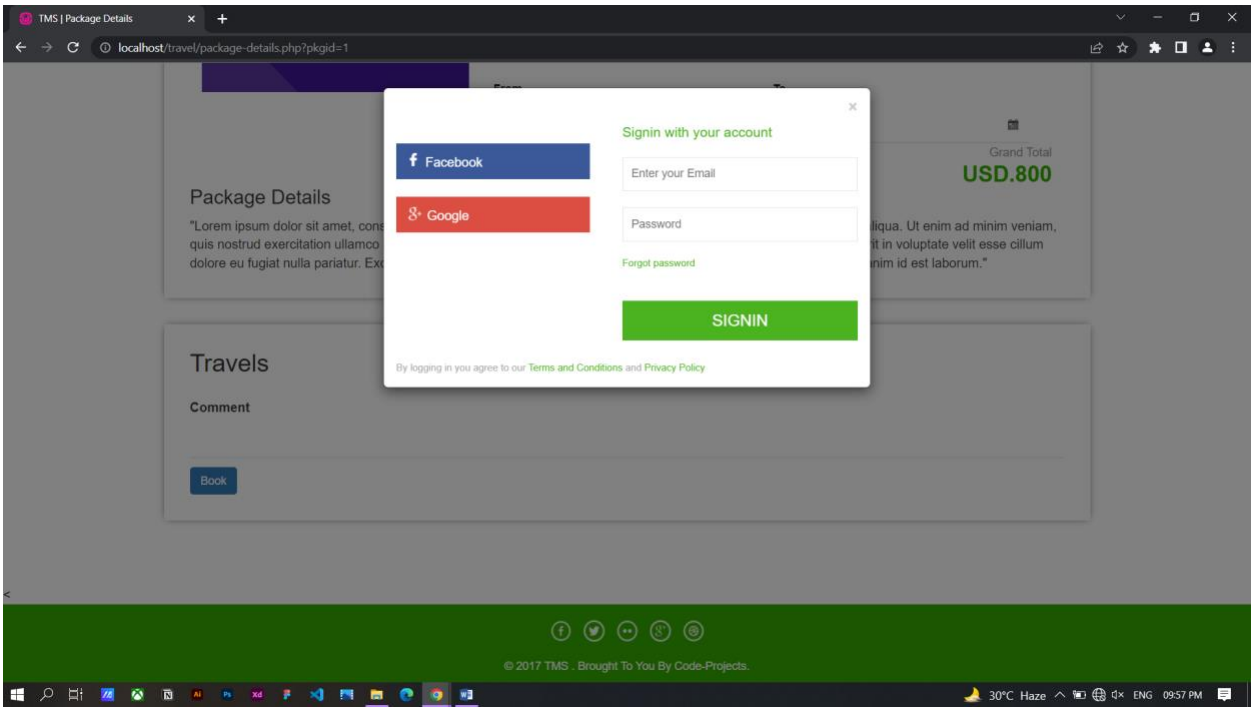


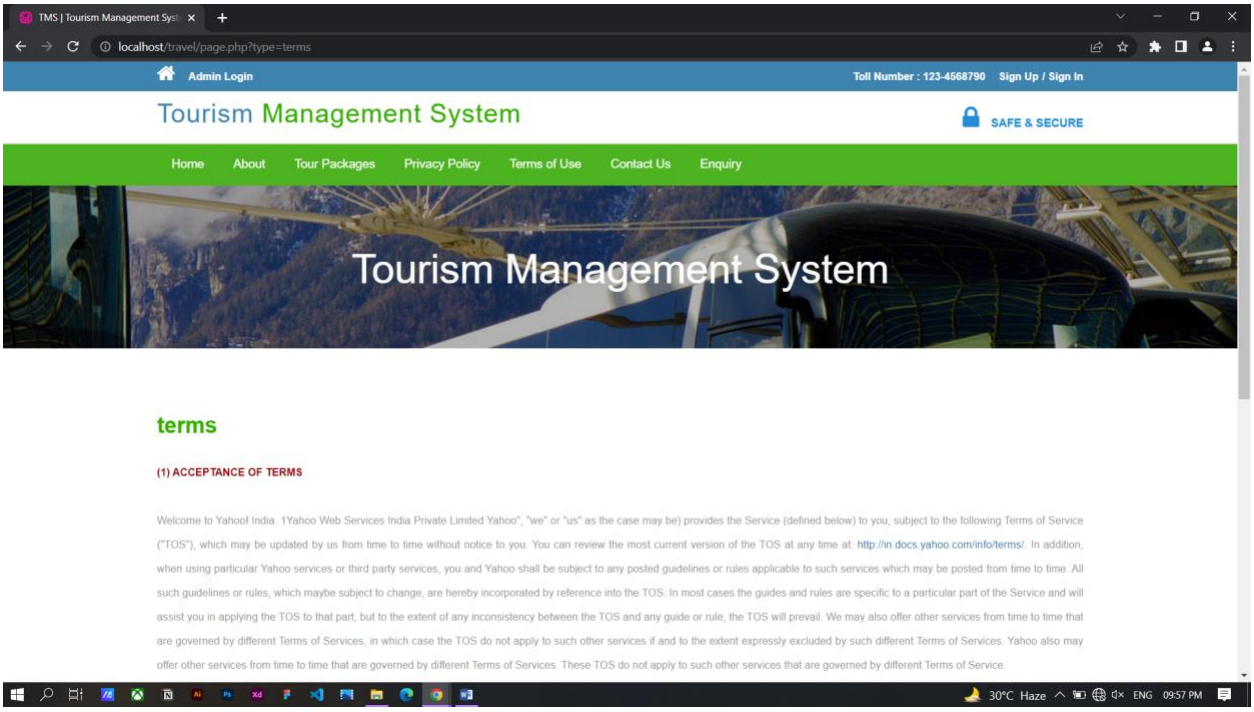

TMS | Tourism Management Syst
localhost/travel/
Package Name: Kerla
Package Type : Familty and Couple
USD 2000
Package Location : Kerlal
Details
Features velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."
View More Packages
80000
Enquiries
1900
Regestered users
7,00,00,000+
Booking
© 2017 TMS . Brought To You By Code-Projects.
30°C Haze
ENG
09:55 PM

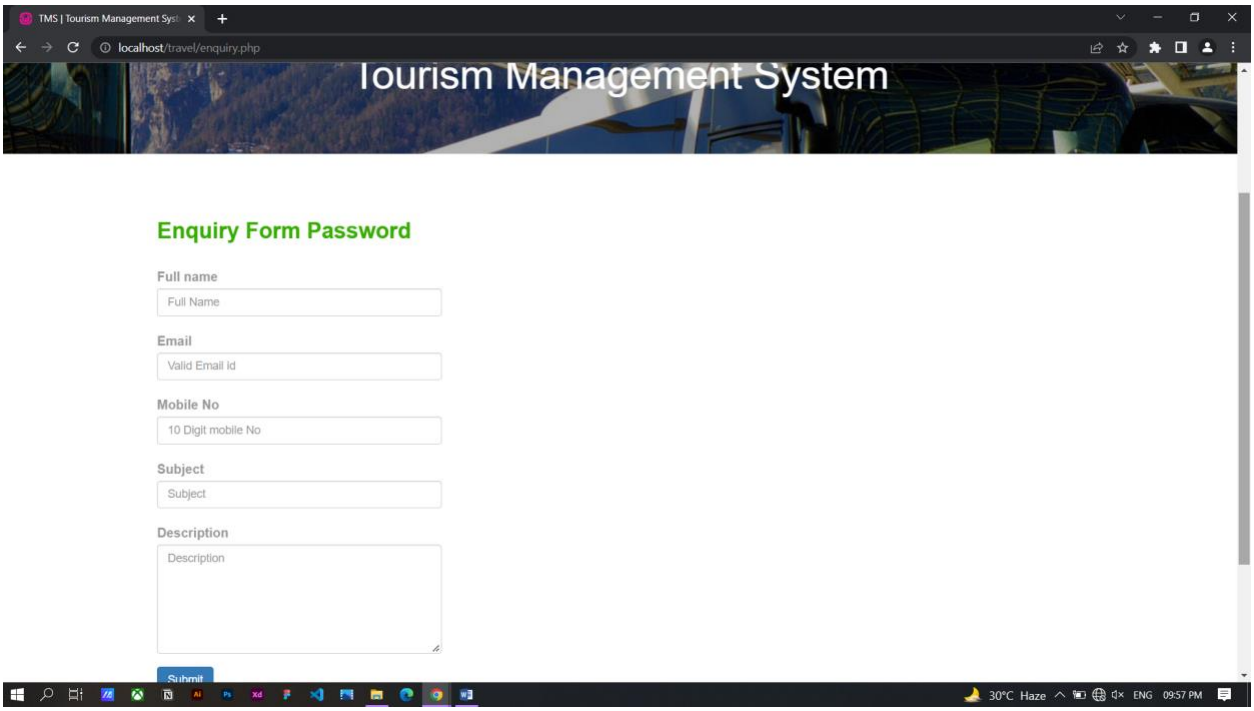

TMS | Tourism Management Syst
localhost/travel/page.php?type=aboutus
Admin Login
Toll Number : 123-4568790
Sign Up / Sign In
Tourism Management System
SAFE & SECURE
Home
About
Tour Packages
Privacy Policy
Terms of Use
Contact Us
Enquiry
Tourism Management System
aboutus
Test test
© 2017 TMS . Brought To You By Code-Projects.
30°C Haze
ENG
09:55 PM

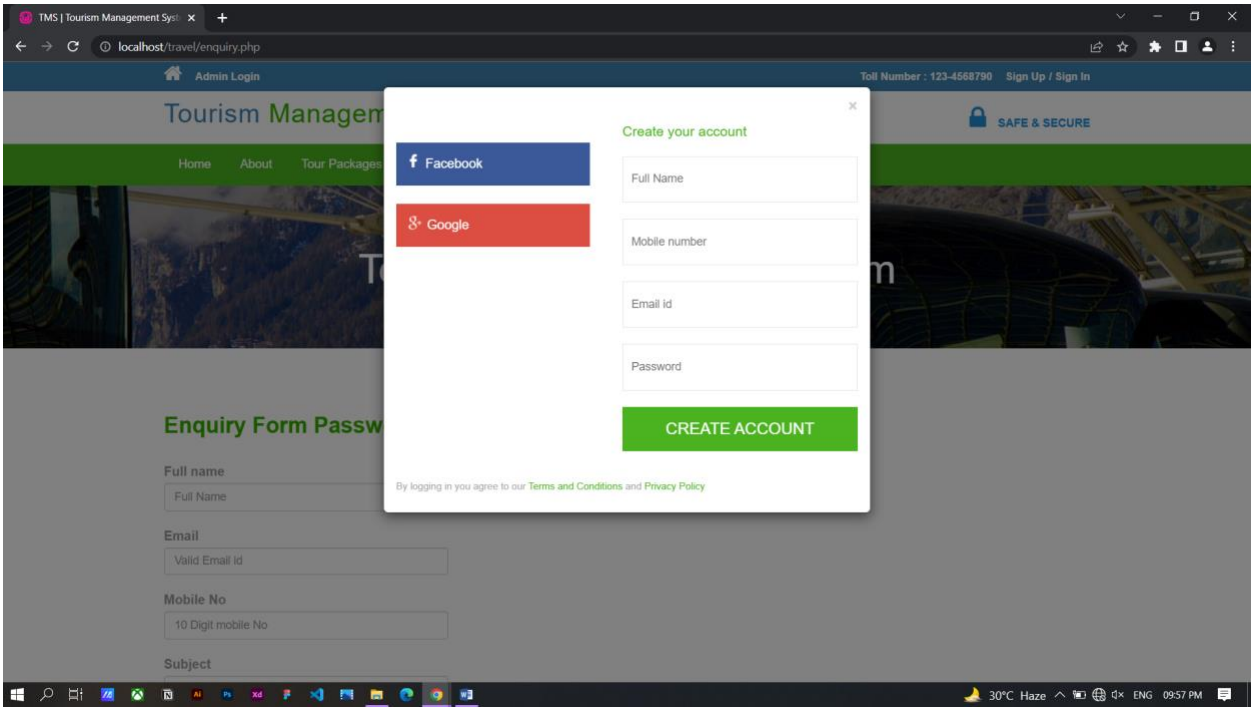

TMS | Package List
localhost/travel/package-list.php
Admin Login
Toll Number : 123-4568790
Sign Up / Sign In
Tourism Management System
SAFE & SECURE
Home
About
Tour Packages
Privacy Policy
Terms of Use
Contact Us
Enquiry
Package List
Package List
PHP
Package Name: Manali Trip
Package Type : General
Package Location : Kullu Manali India
Features Air Conditioning ,Balcony / Terrace,Cable / Satellite / Pay TV available,Ceiling Fan,Hairdryer
USD 100
Details
Code Projects
Projects, Tutorial & more
Package Name: Test
Package Type : Test
Package Location : NEPE
Features "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do
USD 5433
Details
30°C Haze
ENG
09:55 PM

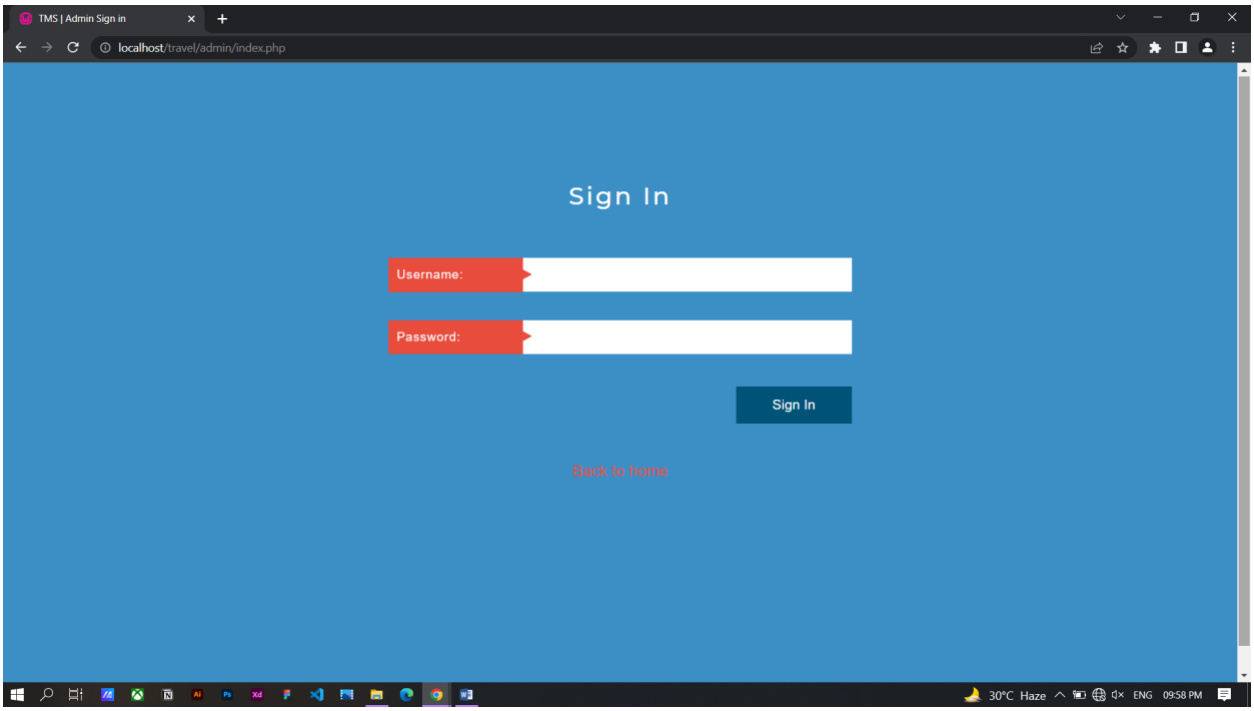

TMS | Package Details
localhost/travel/package-details.php?pkgid=1
PHP
Manali Trip
#PKG-1
Package Type : General
Package Location : Kullu Manali India
Features Air Conditioning ,Balcony / Terrace,Cable / Satellite / Pay TV available,Ceiling Fan,Hairdryer
From
dd-mm-yyyy
To
dd-mm-yyyy
Grand Total
USD.800
Package Details
"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."
Travels
Comment
Book
30°C Haze
ENG
09:57 PM

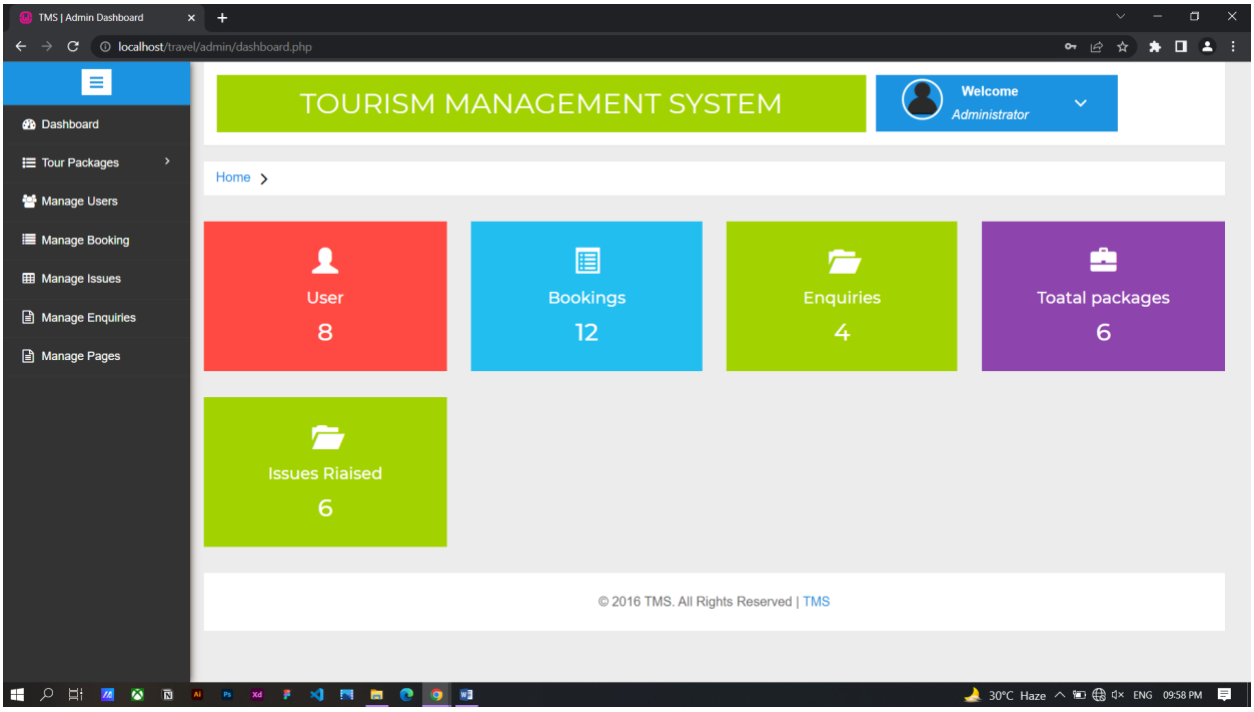

TMS | Package Details
localhost/travel/package-details.php?pkgid=1
Signin with your account
Facebook
Google
Enter your Email
Password
Forgot password
SIGNIN
By logging in you agree to our Terms and Conditions and Privacy Policy
Grand Total
USD.800
Package Details
Travels
Comment
Book
© 2017 TMS . Brought To You By Code-Projects.
30°C Haze
ENG
09:57 PM

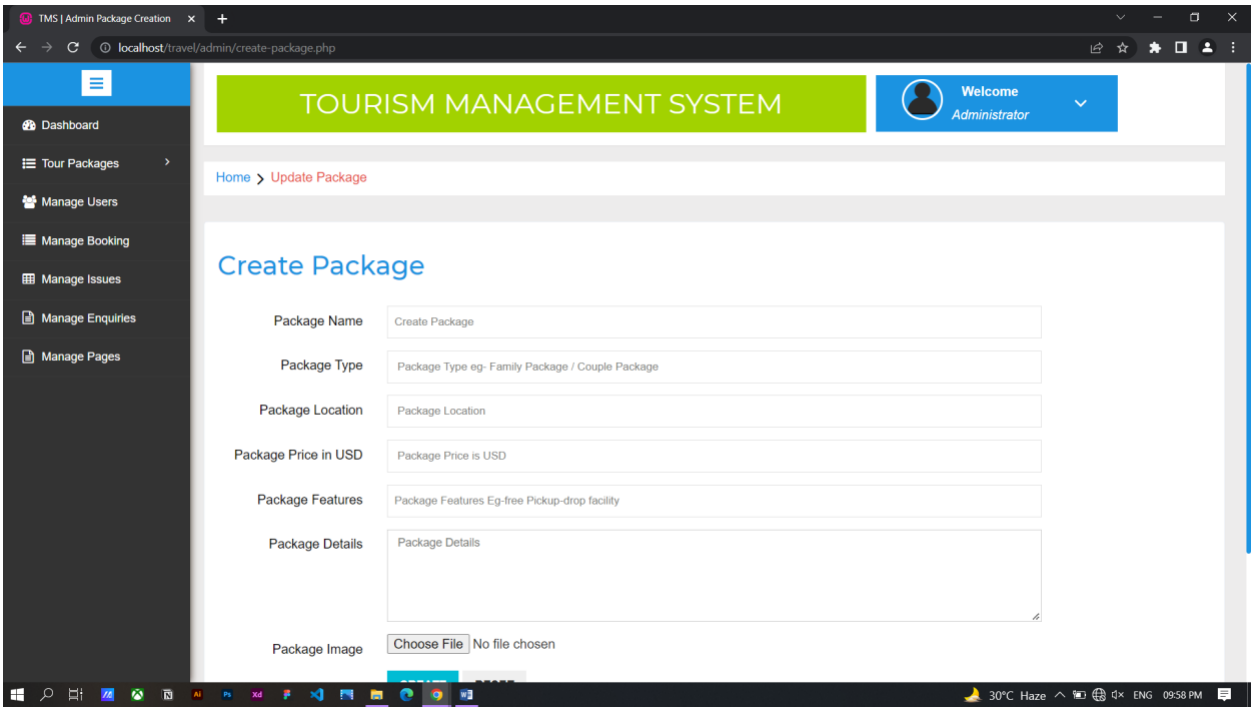

TMS | Tourism Management Syst
localhost/travel/page.php?type=terms
Admin Login
Toll Number : 123-4568790
Sign Up / Sign In
Tourism Management System
SAFE & SECURE
Home
About
Tour Packages
Privacy Policy
Terms of Use
Contact Us
Enquiry
Tourism Management System
terms
(1) ACCEPTANCE OF TERMS
Welcome to Yahoo! India. 1Yahoo Web Services India Private Limited Yahoo", "we" or "us" as the case may be) provides the Service (defined below) to you, subject to the following Terms of Service ("TOS"), which may be updated by us from time to time without notice to you. You can review the most current version of the TOS at any time at: http://in.docs.yahoo.com/info/terms/. In addition, when using particular Yahoo services or third party services, you and Yahoo shall be subject to any posted guidelines or rules applicable to such services which may be posted from time to time. All such guidelines or rules, which maybe subject to change, are hereby incorporated by reference into the TOS. In most cases the guides and rules are specific to a particular part of the Service and will assist you in applying the TOS to that part, but to the extent of any inconsistency between the TOS and any guide or rule, the TOS will prevail. We may also offer other services from time to time that are governed by different Terms of Services, in which case the TOS do not apply to such other services if and to the extent expressly excluded by such different Terms of Services. Yahoo also may offer other services from time to time that are governed by different Terms of Services. These TOS do not apply to such other services that are governed by different Terms of Service.
30°C Haze
ENG
09:57 PM

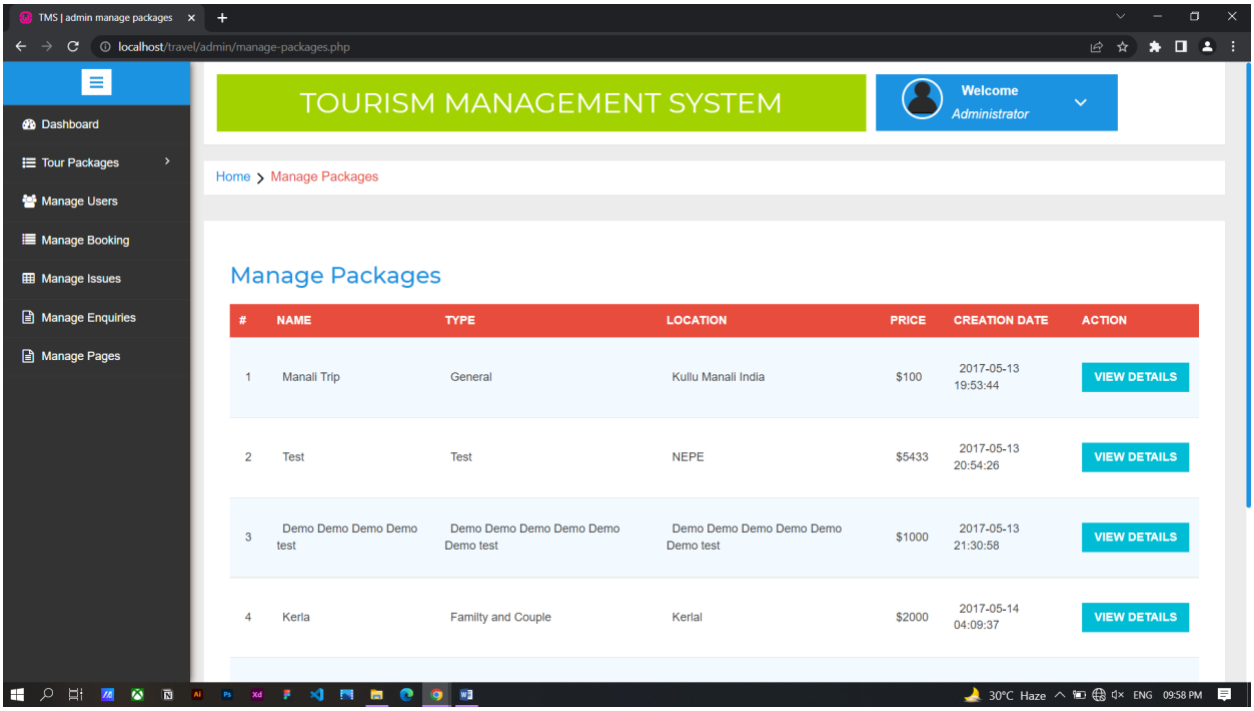

TMS | Tourism Management Syst
localhost/travel/enquiry.php
Tourism Management System
Enquiry Form Password
Full name
Full Name
Email
Valid Email id
Mobile No
10 Digit mobile No
Subject
Subject
Description
Description
Submit
30°C Haze
ENG
09:57 PM

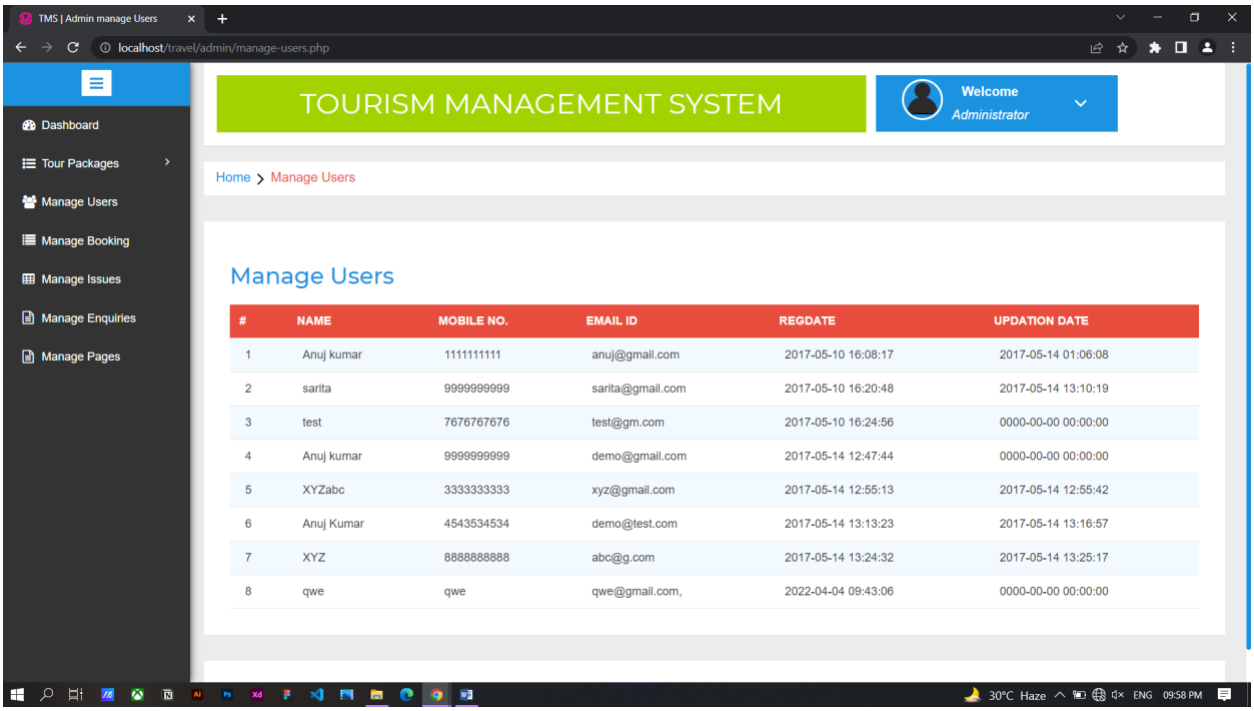

TMS | Tourism Management Syst
localhost/travel/enquiry.php
Admin Login
Toll Number : 123-4568790
Sign Up / Sign In
Tourism Managem
SAFE & SECURE
Home
About
Tour Packages
Create your account
Facebook
Google
Full Name
Mobile number
Email id
Password
CREATE ACCOUNT
By logging in you agree to our Terms and Conditions and Privacy Policy
Enquiry Form Passw
Full name
Full Name
Email
Valid Email id
Mobile No
10 Digit mobile No
Subject
30°C Haze
ENG
09:57 PM

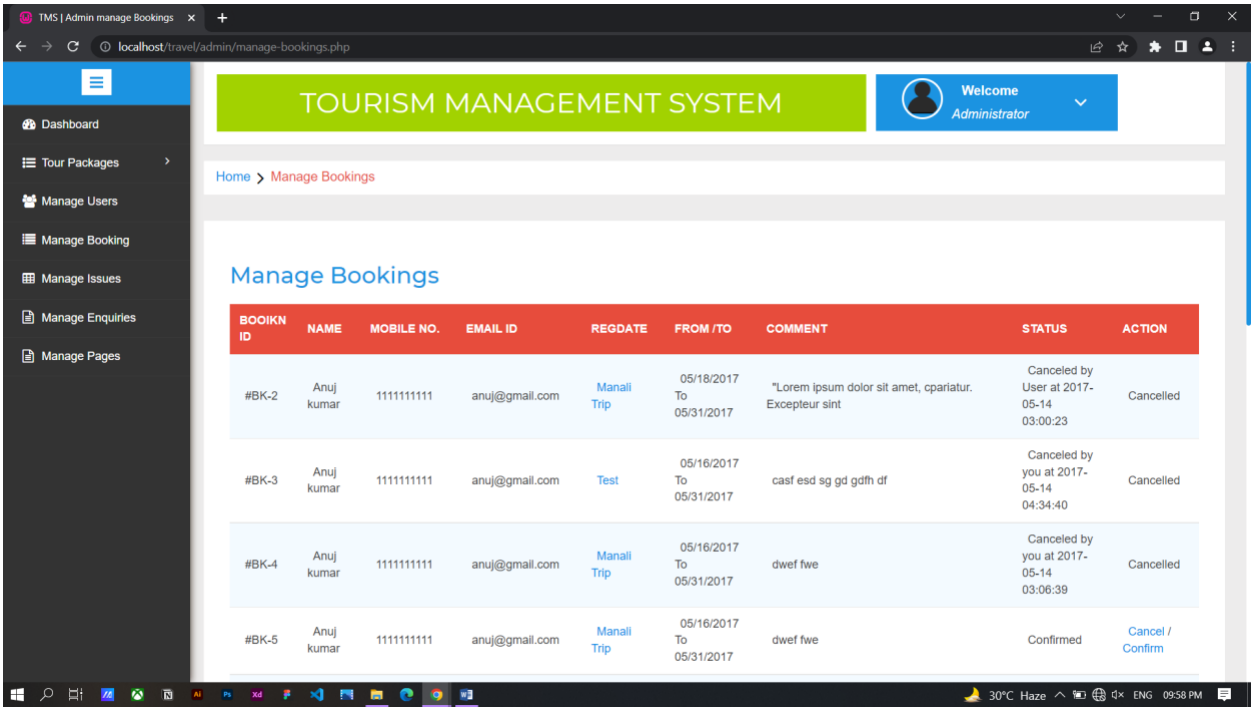

TMS | Admin Sign in
localhost/travel/admin/index.php
Sign In
Username:
Password:
Sign In
Back to home

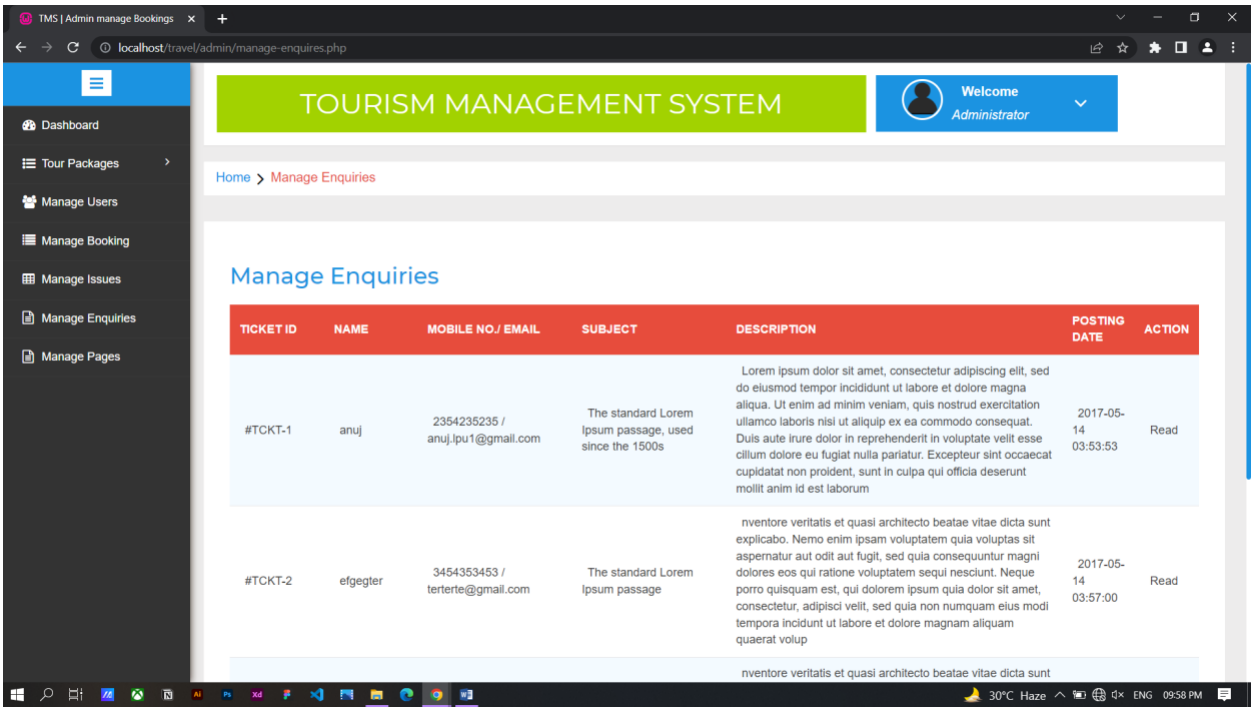

TMS | Admin Dashboard
localhost/travel/admin/dashboard.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home
User
8
Bookings
12
Enquiries
4
Toatal packages
6
Issues Riaised
6
© 2016 TMS. All Rights Reserved | TMS

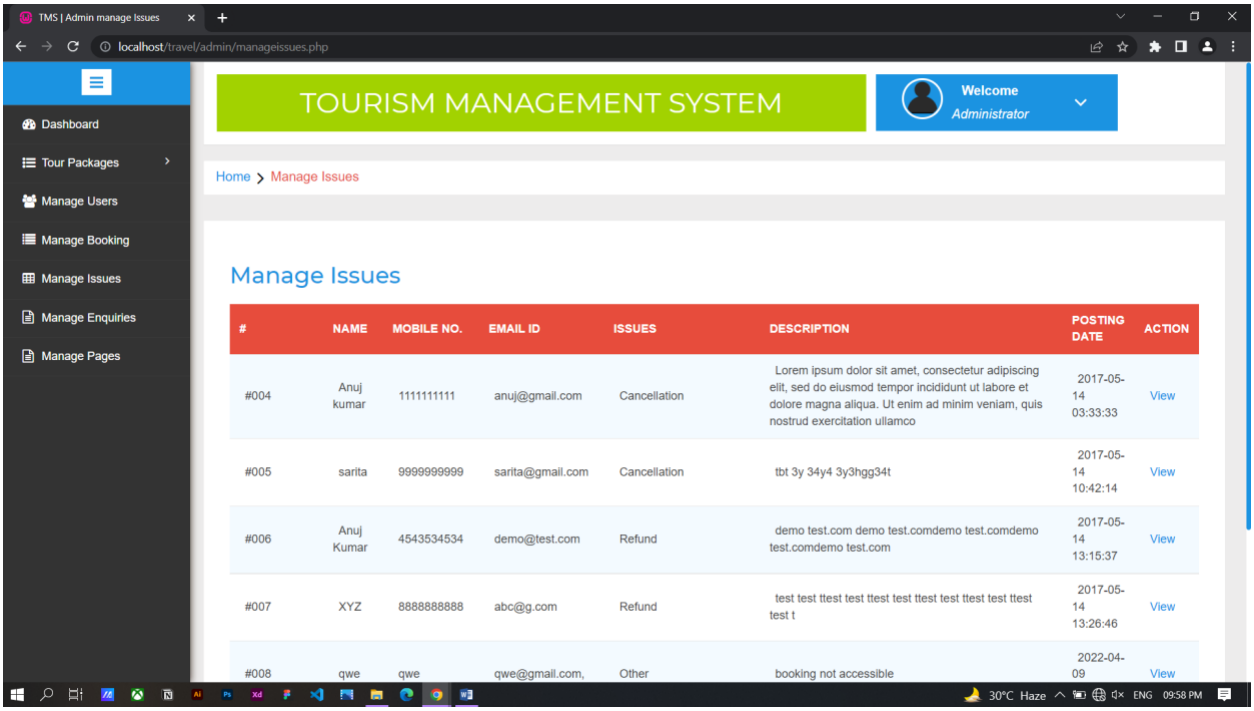

TMS | Admin Package Creation
localhost/travel/admin/create-package.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Update Package
Create Package
Package Name
Create Package
Package Type
Package Type eg- Family Package / Couple Package
Package Location
Package Location
Package Price in USD
Package Price is USD
Package Features
Package Features Eg-free Pickup-drop facility
Package Details
Package Details
Package Image
Choose File
No file chosen
30°C Haze
ENG
09:58 PM

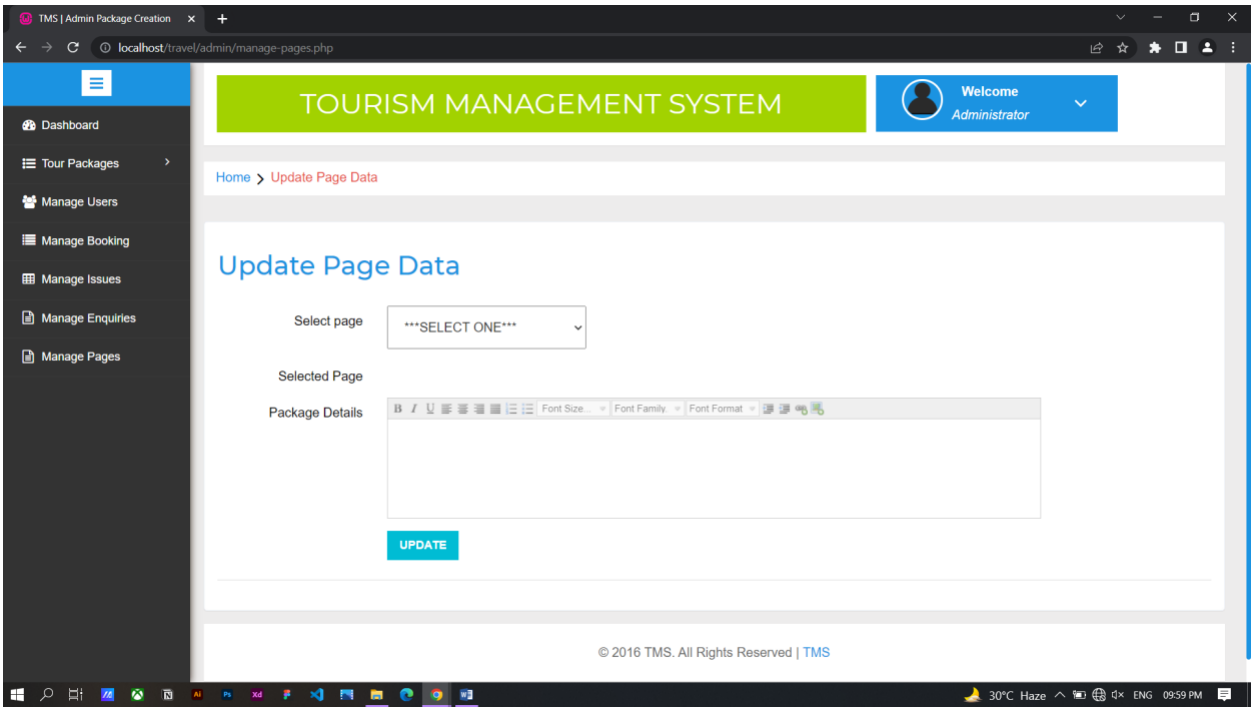

TMS | admin manage packages
localhost/travel/admin/manage-packages.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Manage Packages
Manage Packages
NAME TYPE LOCATION PRICE CREATION DATE ACTION
1 Manali Trip General Kullu Manali India $100 2017-05-13 19:53:44 VIEW DETAILS
2 Test Test NEPE $5433 2017-05-13 20:54:26 VIEW DETAILS
3 Demo Demo Demo Demo test Demo Demo Demo Demo Demo Demo test Demo Demo Demo Demo Demo Demo test $1000 2017-05-13 21:30:58 VIEW DETAILS
4 Kerla Familty and Couple Kerlal $2000 2017-05-14 04:09:37 VIEW DETAILS
30°C Haze
ENG
09:58 PM


TMS | Admin manage Users
localhost/travel/admin/manage-users.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Manage Users
Manage Users
NAME MOBILE NO. EMAIL ID REGDATE UPDATION DATE
1 Anuj kumar 1111111111 anuj@gmail.com 2017-05-10 16:08:17 2017-05-14 01:06:08
2 sarita 9999999999 sarita@gmail.com 2017-05-10 16:20:48 2017-05-14 13:10:19
3 test 7676767676 test@gm.com 2017-05-10 16:24:56 0000-00-00 00:00:00
4 Anuj kumar 9999999999 demo@gmail.com 2017-05-14 12:47:44 0000-00-00 00:00:00
5 XYZabc 3333333333 xyz@gmail.com 2017-05-14 12:55:13 2017-05-14 12:55:42
6 Anuj Kumar 4543534534 demo@test.com 2017-05-14 13:13:23 2017-05-14 13:16:57
7 XYZ 8888888888 abc@g.com 2017-05-14 13:24:32 2017-05-14 13:25:17
8 qwe qwe qwe@gmail.com, 2022-04-04 09:43:06 0000-00-00 00:00:00
30°C Haze ENG 09:58 PM


TMS | Admin manage Bookings
localhost/travel/admin/manage-bookings.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Manage Bookings
Manage Bookings
BOOIKN ID NAME MOBILE NO. EMAIL ID REGDATE FROM /TO COMMENT STATUS ACTION
#BK-2 Anuj kumar 1111111111 anuj@gmail.com Manali Trip 05/18/2017 To 05/31/2017 "Lorem ipsum dolor sit amet, cpariatur. Excepteur sint Canceled by User at 2017-05-14 03:00:23 Cancelled
#BK-3 Anuj kumar 1111111111 anuj@gmail.com Test 05/16/2017 To 05/31/2017 casf esd sg gd gdfh df Canceled by you at 2017-05-14 04:34:40 Cancelled
#BK-4 Anuj kumar 1111111111 anuj@gmail.com Manali Trip 05/16/2017 To 05/31/2017 dwef fwe Canceled by you at 2017-05-14 03:06:39 Cancelled
#BK-5 Anuj kumar 1111111111 anuj@gmail.com Manali Trip 05/16/2017 To 05/31/2017 dwef fwe Confirmed Cancel / Confirm
30°C Haze ENG 09:58 PM


TMS | Admin manage Bookings
localhost/travel/admin/manage-enquires.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Manage Enquiries
Manage Enquiries
TICKET ID | NAME | MOBILE NO./ EMAIL | SUBJECT | DESCRIPTION | POSTING DATE | ACTION
#TCKT-1 | anuj | 2354235235 / anuj.lpu1@gmail.com | The standard Lorem Ipsum passage, used since the 1500s | Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum | 2017-05-14 03:53:53 | Read
#TCKT-2 | efgegter | 3454353453 / terterte@gmail.com | The standard Lorem Ipsum passage | nventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat volup | 2017-05-14 03:57:00 | Read
nventore veritatis et quasi architecto beatae vitae dicta sunt
30°C Haze
ENG
09:58 PM


TMS | Admin manage Issues
localhost/travel/admin/manageissues.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Manage Issues
Manage Issues
| NAME | MOBILE NO. | EMAIL ID | ISSUES | DESCRIPTION | POSTING DATE | ACTION
#004 | Anuj kumar | 1111111111 | anuj@gmail.com | Cancellation | Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco | 2017-05-14 03:33:33 | View
#005 | sarita | 9999999999 | sarita@gmail.com | Cancellation | tbt 3y 34y4 3y3hgg34t | 2017-05-14 10:42:14 | View
#006 | Anuj Kumar | 4543534534 | demo@test.com | Refund | demo test.com demo test.comdemo test.comdemo test.comdemo test.com | 2017-05-14 13:15:37 | View
#007 | XYZ | 8888888888 | abc@g.com | Refund | test test ttest test ttest test ttest test ttest test ttest test t | 2017-05-14 13:26:46 | View
#008 | qwe | qwe | qwe@gmail.com, | Other | booking not accessible | 2022-04-09 | View
30°C Haze
ENG
09:58 PM


TMS | Admin Package Creation
localhost/travel/admin/manage-pages.php
TOURISM MANAGEMENT SYSTEM
Welcome
Administrator
Dashboard
Tour Packages
Manage Users
Manage Booking
Manage Issues
Manage Enquiries
Manage Pages
Home > Update Page Data
Update Page Data
Select page
SELECT ONE
Selected Page
Package Details
Font Size...
Font Family...
Font Format
UPDATE
© 2016 TMS. All Rights Reserved | TMS
30°C Haze
ENG
09:59 PM

B. SAMPLE CODING

INDEX.PHP

```
<?php
session_start();
error_reporting(0);
include('includes/config.php');
?>
<!DOCTYPE HTML>
<html>
<head>
<title>TMS | Tourism Management System</title>
<meta name="viewport" content="width=device-
width, initial-scale=1">
<meta http-equiv="Content-Type"
content="text/html; charset=utf-8" />

<script type="applijewelleryion/x-javascript">
addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function
hideURLbar(){ window.scrollTo(0,1); } </script>
<link href="css/bootstrap.css" rel='stylesheet'
type='text/css' />
<link href="css/style.css" rel='stylesheet'
type='text/css' />
```

```
<link
href='//fonts.googleapis.com/css?family=Open+Sa
ns:400,700,600' rel='stylesheet'
type='text/css'>
<link
href='//fonts.googleapis.com/css?family=Roboto+
Condensed:400,700,300' rel='stylesheet'
type='text/css'>
<link
href='//fonts.googleapis.com/css?family=Oswald'
rel='stylesheet' type='text/css'>
<link href="css/font-awesome.css"
rel="stylesheet">
<!-- Custom Theme files -->
<script src="js/jquery-1.12.0.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<!--animate-->
<link href="css/animate.css" rel="stylesheet"
type="text/css" media="all">
<script src="js/wow.min.js"></script>
    <script>
        new WOW().init();
    </script>
<!--//end-animate-->
</head>
<body>
<?php include('includes/header.php');?>
```

```
<div class="banner">
    <div class="container">
        <h1 class="wow zoomIn animated
animated" data-wow-delay=".5s"
style="visibility: visible; animation-delay:
0.5s; animation-name: zoomIn;"> Tourism
Management System</h1>
    </div>
</div>


<!--- rupes ---->
<div class="container">
    <div class="rupes">
        <div class="col-md-4 rupes-left wow
fadeInDown animated animated" data-wow-
delay=".5s" style="visibility: visible;
animation-delay: 0.5s; animation-name:
fadeInDown;">
            <div class="rup-left">
                <a href="offers.html"><i
class="fa fa-usd"></i></a>
            </div>
            <div class="rup-rgt">
                <h3>UP TO USD. 50 OFF</h3>
                <h4><a
href="offers.html">TRAVEL SMART</a></h4>
```

```
            </div>
                <div class="clearfix"></div>
        </div>
        <div class="col-md-4 rupes-left wow
fadeInDown animated animated" data-wow-
delay=".5s" style="visibility: visible;
animation-delay: 0.5s; animation-name:
fadeInDown;">
            <div class="rup-left">
                <a href="offers.html"><i
class="fa fa-h-square"></i></a>
            </div>
            <div class="rup-rgt">
                <h3>UP TO 70% OFF</h3>
                <h4><a href="offers.html">ON
HOTELS ACROSS WORLD</a></h4>

            </div>
                <div class="clearfix"></div>
        </div>
        <div class="col-md-4 rupes-left wow
fadeInDown animated animated" data-wow-
delay=".5s" style="visibility: visible;
animation-delay: 0.5s; animation-name:
fadeInDown;">
            <div class="rup-left">
```

```
                <a href="offers.html"><i
class="fa fa-mobile"></i></a>
            </div>
            <div class="rup-rgt">
                <h3>FLAT USD. 50 OFF</h3>
                <h4><a href="offers.html">US
APP OFFER</a></h4>

            </div>
                <div class="clearfix"></div>
        </div>

    </div>
</div>
<!--- /rupes ---->



<!---holiday---->
<div class="container">
    <div class="holiday">
```

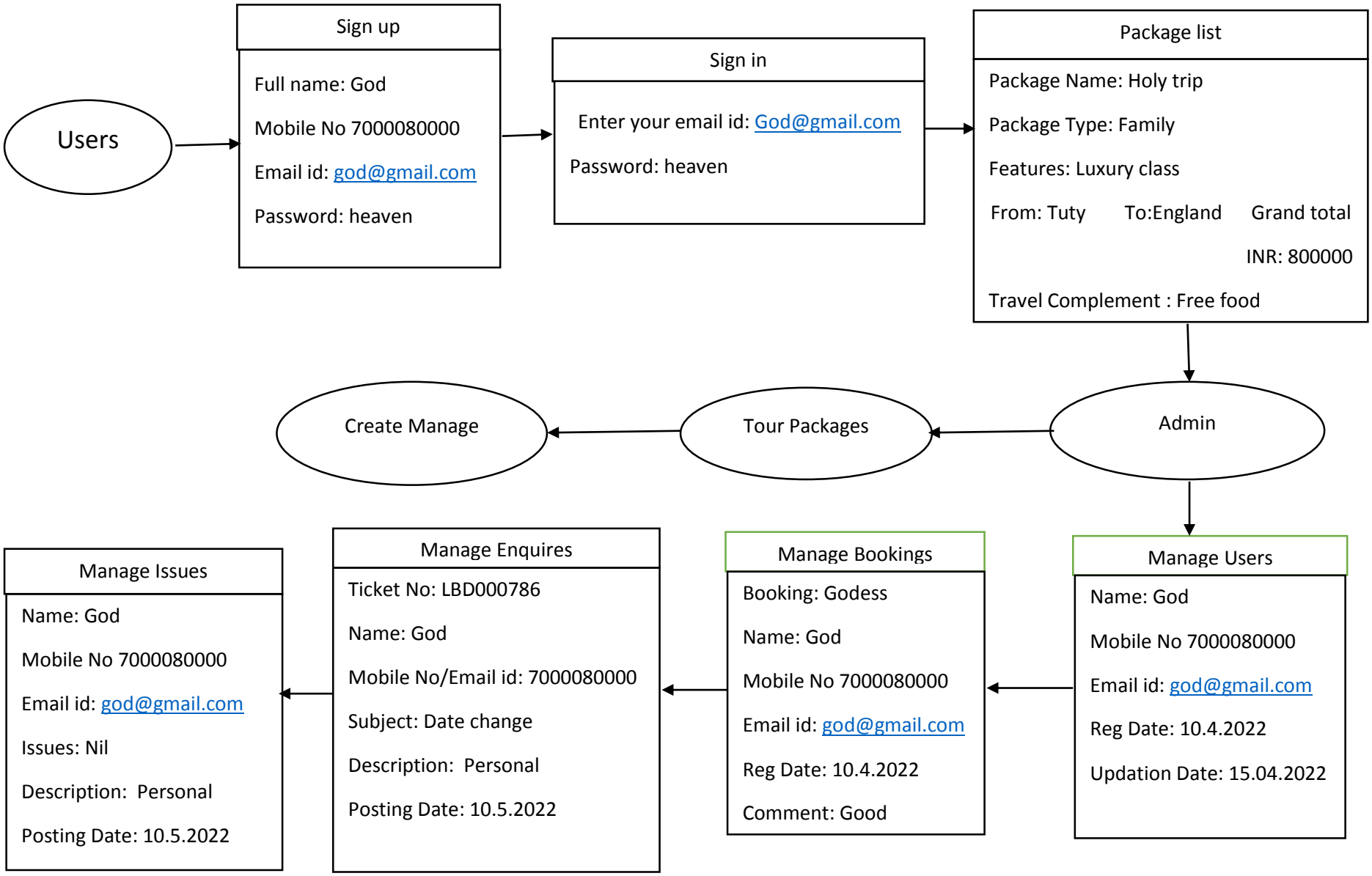
```
    <h3>Package List</h3>


<?php $sql = "SELECT * from tbltourpackages
order by rand() limit 4";
$query = $dbh->prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{   ?>
            <div class="rom-btm">
                <div class="col-md-3 room-left
wow fadeInLeft animated" data-wow-delay=".5s">
                    <img
src="admin/pacakgeimages/<?php echo
htmlentities($result->PackageImage);?>"
class="img-responsive" alt="">
                </div>
                <div class="col-md-6 room-midle
wow fadeInUp animated" data-wow-delay=".5s">
                    <h4>Package Name: <?php
echo htmlentities($result->PackageName);?></h4>
                    <h6>Package Type : <?php
echo htmlentities($result->PackageType);?></h6>
```

```
                    <p><b>Package Location
:</b> <?php echo htmlentities($result-
>PackageLocation);?></p>
                    <p><b>Features</b> <?php
echo htmlentities($result-
>PackageFetures);?></p>
                </div>
                <div class="col-md-3 room-right
wow fadeInRight animated" data-wow-delay=".5s">
                    <h5>USD <?php echo
htmlentities($result->PackagePrice);?></h5>
                    <a href="package-
details.php?pkgid=<?php echo
htmlentities($result->PackageId);?>"
class="view">Details</a>
                </div>
                <div class="clearfix"></div>
            </div>

<?php }} ?>


<div><a href="package-list.php"
class="view">View More Packages</a></div>
</div>
            <div class="clearfix"></div>
    </div>
```

```
<!--- routes ----->
<div class="routes">
    <div class="container">
        <div class="col-md-4 routes-left wow
fadeInRight animated" data-wow-delay=".5s">
            <div class="rou-left">
                <a href="#"><i class="glyphicon
glyphicon-list-alt"></i></a>
            </div>
            <div class="rou-rgt wow fadeInDown
animated" data-wow-delay=".5s">
                <h3>80000</h3>
                <p>Enquiries</p>
            </div>
                <div class="clearfix"></div>
        </div>
        <div class="col-md-4 routes-left">
            <div class="rou-left">
                <a href="#"><i class="fa fa-
user"></i></a>
            </div>
            <div class="rou-rgt">
                <h3>1900</h3>
                <p>Regestered users</p>
```

```
            </div>
                <div class="clearfix"></div>
        </div>
        <div class="col-md-4 routes-left wow
fadeInRight animated" data-wow-delay=".5s">
            <div class="rou-left">
                <a href="#"><i class="fa fa-
ticket"></i></a>
            </div>
            <div class="rou-rgt">
                <h3>7,00,00,000+</h3>
                <p>Booking</p>
            </div>
                <div class="clearfix"></div>
        </div>
        <div class="clearfix"></div>
    </div>
</div>

<?php include('includes/footer.php');?>
<!-- signup -->
<?php include('includes/signup.php');?>
<!-- //signu -->
<!-- signin -->
<?php include('includes/signin.php');?>
<!-- //signin -->
<!-- write us -->
```

```
<?php include('includes/write-us.php');?>
<!-- //write us -->
</body>
</html>
```


Users
Sign up
Full name: God
Mobile No 7000080000
Email id: god@gmail.com
Password: heaven
Sign in
Enter your email id: God@gmail.com
Password: heaven
Package list
Package Name: Holy trip
Package Type: Family
Features: Luxury class
From: Tuty To:England Grand total
INR: 800000
Travel Complement : Free food
Admin
Tour Packages
Create Manage
Manage Users
Name: God
Mobile No 7000080000
Email id: god@gmail.com
Reg Date: 10.4.2022
Updation Date: 15.04.2022
Manage Bookings
Booking: Godess
Name: God
Mobile No 7000080000
Email id: god@gmail.com
Reg Date: 10.4.2022
Comment: Good
Manage Enquires
Ticket No: LBD000786
Name: God
Mobile No/Email id: 7000080000
Subject: Date change
Description: Personal
Posting Date: 10.5.2022
Manage Issues
Name: God
Mobile No 7000080000
Email id: god@gmail.com
Issues: Nil
Description: Personal
Posting Date: 10.5.2022