Project Work on

"VIRTUAL CLASSROOM"

Project submitted to the

Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with A$^+$ Grade by NAAC)

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

For the partial Fulfillment of the requirements for the award of a degree in

Bachelor of Computer Science

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DEPARTMENT OF COMPUTER SCIENCE

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This is to certify that the project report entitled "VIRTUAL CLASSROOM" is the Bonafide work done by

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In the partial fulfillment of the requirements for the award of Degree in **BACHELOR OF COMPUTER SCIENCE** during the year 2022-2023.

Guide **Head of the Department**

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Examiner

Principal

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ABSTRACT

A **VIRTUAL CLASSROOM** is an online environment that enables Students and Instructor to communicate with each other. The platform is accessible from any location .There is a provision that the Instructor and Student can search posts and leave comments on each created and enrolled class. Virtual Classroom offers new opportunities for personalized learning.

The **VIRTUAL CLASSROOM** project mainly focus on dealing with Instructor , Students and their assignments. This project is divided into two categories. They are the Instructor panel and student panel. In an overview of this project , the student can simply join classes by using the class code. Each Student enters the Classroom by using Valid E-Mail Id and Password In addition, the Instructor create classes in which the Students can enroll. The class code will be automatically created. Announcement will be given by the Instructor in which student can respond to that respectively.

This website application also promotes Students towards academic achievements.

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INTRODUCTION

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1.INTRODUCTION

VIRTUAL CLASSROOM allows instructors to deliver web-based training to geo graphically Dispensed students. Besides being user friendly, good virtual classroom have built in collaboration tools that engage the students in active learning. Students who are not comfortable in asking question in front of instructors they can easily ask their questions through Virtual Classroom. Even Differently abled Students can also make use of this Virtual Classroom platform.

The Instructor and the Students have to register with their Email ID and Password. The Instructor login and create the class. The Student login and view all the classes in which they have enrolled. If she has any doubt/query, she can post it and the Instructor give answers of those queries.

The Instructor and Students have Virtual Connection with each other ,so that Students can make best use of it. Students can raise their question and interact with peers similar to how they are in a regular classroom.

ANALYSIS APPROACH

2. ANALYSIS APPROACH

2.1 EXISTING SYSTEM

The first step of a preliminary study in the system analysis process involves the identification of needs for computerization. The motivation behind this project is to overcome all the defects in the existing system. Some of the difficulties are**:**

1. Existence of both students and instructors is a must.
2. More burden on the instructor in the case of examination.
3. Some of the students may not clearly express their doubts in front of the instructor.

2.2 PROPOSED SYSTEM

The virtual classroom allows instructors to deliver web-based training to geographically dispersed employees, business partners, and customers. Each subject includes a synchronous chat room for student and group discussion. Besides being user-friendly, good virtual classrooms have built-in collaboration tools that manage the students in active learning.

2.3 FEASIBILITY STUDY

The next step in the analysis is to verify the feasibility of the proposed system. “All projects are feasible given unlimited resources and infinite time“. But in reality, both resources and time are scarce. The project should conform to time bounce and should be optimal in their consumption of resources. These places a constant approval of any project. Feasibility applied to Virtual Class pertains to the following areas:

1. Technical feasibility
2. Operational feasibility

3. Economical feasibility

TECHNICAL FEASIBILITY:

To determine whether the proposed system is technically feasible, we should take into consideration the technical issues involved in the system. The virtual class system uses web technologies, which are rampantly employed these days worldwide. The world without the web is incomprehensible today.
That goes to the proposed system is technically feasible.

OPERATIONAL FEASIBILITY

To determine the operational feasibility of the system we should take into consideration the awareness level of the users. This system is operationally feasible since the users are familiar with the technologies and hence there is no need to gear up the personnel to use the system. Also, the system is very friendly and to use.

ECONOMIC FEASIBILITY

To decide whether a project is economically feasible, we have to consider various factors:

1. Cost-benefit analysis

2. Long-term returns

3. Maintenance costs

The proposed Virtual Class System is computer-based. It requires average computing capabilities and access to the internet, which are very basic requirements and can be afforded by any organization hence it doesn't incur additional economic overheads, which renders the system economically feasible.

PROJECT DESCRIPTION

3.PROJECT DESCRIPTION

3.1 Modules

There are different modules of users of virtual classrooms on the role that they play. When the instructor enters a virtual classroom, he has different work to do than the user type, virtual classroom takes a different form for each user. These forms can be categorized depending on other users' roles. These roles are as follows:

- Instructor
- Student

3.2 Modules Description

Instructor:

An instructor can either create a class or join a class using class codes. From a teacher's point of view, he/she can create various classes. For this, he/she needs to provide a class name, code, and course title. After creating a class, the teacher can view the class code inside the classroom. With reference to it, the student can enroll in a certain particular class. The user can view all the enrolled student lists under the classroom. A teacher can post announcements and assignments for the students. In terms of assignments, the teacher has to write some short notes and upload an attachment with them. Later, the students can easily access them by downloading them and leaving comments. Besides, the teacher can search posts, and update his/her profile and profile pictures too.

Student:

The student can simply join classes by providing a class code. Meaning, each user needs to have desired class codes in order to access the classroom. After enrolment, the student can view all the posts from the teacher. With it, the student can view assignments and download them. Also, the user can search posts, publish posts and leave comments on each enrolled class.

SYSTEM SPECIFICATION

4.SYSTEM SPECIFICATION

4.1 Hardware Requirements:

Client-side:

RAM: 4GB

Hard disk: 16 GB

Processor: 3.0 GHz

4.2 Software Requirements:

Client-side:

Web Browser: Google Chrome or any compatible browser

Operating System: Windows **Server-side:**

Web Server: APACHE

Server-side Language: PHP

Database Server: MYSQL

Web Browser: Google Chrome or any compatible browser

Operating System: Windows

4.3 Software Description

PHP

PHP is a scripting language originally designed for producing dynamic web pages. It has evolved to include a command line interface capability and can be used in standalone graphical applications. While PHP was originally created by Rasmus Lerdorf in 1995, 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; however, it is incompatible with the GNU General Public License (GPL), due to restrictions on the usage of the term PHP. It is a widely-used general-purpose scripting language that is especially suited for web development and can be embedded into HTML. It generally runs on a web server, taking PHP code as its input and creating web pages as output. It can be deployed on most web servers and on almost every operating system and platform free of charge. PHP is installed on more than 20 million websites and 1 million web servers.

PHP originally stood for Personal Home Page. It began in 1994 as a set of Common Gateway Interface binaries written in the C programming language by the Danish/Greenlandic programmer Rasmus Lerdorf. Lerdorf initially created these Personal Home Page Tools to replace a small set of Perl scripts he had been using to maintain his personal homepage. The tools were used to perform tasks such as displaying his résumé and recording how much traffic his page was receiving. He combined these binaries with his Form Interpreter to create PHP/FI, which had more functionality. PHP/FI included a larger implementation for the C programming language and could communicate with databases, enabling the building of simple, dynamic web applications.

Lerdorf released PHP publicly on June 8, 1995, to accelerate bug location and improve the code. This release was named PHP version 2 and already had the basic functionality that PHP has today. This included Perl-like variables, form handling, and the ability to embed HTML. The syntax was similar to Perl but was more limited, simpler, and less consistent. ZeevSuraski and Andi Gutmans, two Israeli developers at the Technion IIT, rewrote the parser in 1997 and formed the base of PHP 3, changing the language's name to the recursive initialism PHP: Hypertext Preprocessor. The development team officially released PHP/FI 2 in November 1997 after months of beta testing. Afterward, public testing of PHP 3 began, and the official launch came in June 1998. Suraski and Gutmans then started a new rewrite of PHP's core, producing the Zend Engine in 1999. They also founded Zend Technologies in Ramat Gan, Israel.

On May 22, 2000, PHP 4, powered by the Zend Engine 1.0, was released. On July 13, 2004, PHP 5 was released, powered by the new Zend Engine II. PHP 5 included new features such as improved support for object-oriented programming, the PHP Data Objects extension (which defines a lightweight and consistent interface for accessing databases), and numerous performance enhancements. The most recent update released by The PHP Group is for the older PHP version 4 code branch.

In 2008, PHP 5 became the only stable version under development. Late static binding has been missing from PHP and will be added in version 5.3. PHP 6 is under development alongside PHP 5. Major changes include the removal of register global, magic quotes, and safe mode. The reason for the removals was that register globals had given way to security holes, and magic quotes had an unpredictable nature, and was best avoided. Instead, to escape characters, Magic quotes may be substituted with the adds lashes() function, or more appropriately an escape mechanism specific to the database vendor itself like mysql_real_escape_string() for MySQL.

PHP does not have complete native support for Unicode or multibyte strings; Unicode support will be included in PHP 6. Many high-profile open source projects

ceased to support PHP 4 in new code as of February 5, 2008, due to the GoPHP5 initiative, provided by a consortium of PHP developers promoting the transition from PHP 4 to PHP 5. It runs in both 32-bit and 64-bit environments, but on Windows the only official distribution is 32-bit, requiring Windows 32-bit compatibility mode to be enabled while using IIS in a 64-bit
Windows environment. There is a third-party distribution available for 64-bit Windows.

Usage:

PHP is a general-purpose scripting language that is especially suited for web development. PHP generally runs on a web server, taking PHP code as its input and creating web pages as output. 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. It can automatically detect the language of the user. From PHP 4, the PHP parser compiles input to produce bytecode for processing by the Zend Engine, giving improved performance over its interpreter predecessor. Originally designed to create dynamic web pages, PHP's principal focus is 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' Java Server Pages, 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 Cake PHP, 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. As of April 2007, over 20 million Internet domains were hosted on servers with PHP installed, and PHP was recorded as the most popular Apache module. Significant websites are written in PHP including the user-facing portion of Facebook, Wikipedia (Media Wiki), Yahoo!, My Year book , Digg, Word press and Tagged. In addition to server-side scripting, PHP can be used to create standalone, compiled applications and libraries, it can be used for shell scripting, and the PHP binaries can be called from the command line.

Speed optimization:

As with many scripting languages, PHP scripts are normally kept as human-readable source code, even on production web servers. In this case, PHP scripts will be compiled at runtime by the PHP engine, which increases their execution time. PHP scripts are able to be compiled before runtime using PHP compilers as with other programming languages such as C (the language PHP and its extensions are written in). Code optimizers aim to reduce the computational complexity of the compiled code by reducing its size and making other changes that can reduce the execution time with the overall goal of improving performance. The nature of the PHP compiler is such that there are often opportunities for code optimization, and an example of a code optimizer is the Zend Optimizer PHP extension.

Another approach for reducing overhead for high-load PHP servers is using PHP accelerators. These can offer significant performance gains by caching the compiled form of a PHP script in shared memory to avoid the overhead of parsing and compiling the code every time the script runs.

Security:

The National Vulnerability Database stores all vulnerabilities found in computer software. The overall proportion of PHP-related vulnerabilities on the database amounted to 12% in 2003, 20% in 2004, 28% in 2005, 43% in 2006, 36% in 2007, and 35% in 2008. Most of these PHP-related vulnerabilities can be

exploited remotely: they allow hackers to steal or destroy data from data sources linked to the webserver (such as an SQL database), send spam, or contribute to DOS attacks using malware, which itself can be installed on the vulnerable servers.

These vulnerabilities are caused mostly by not following best practice programming rules: technical security flaws of the language itself or of its core libraries are not frequent. Recognizing that programmers cannot be trusted, some languages include taint checking to detect automatically the lack of input validation which induces many issues. However, such a feature is being developed for PHP.

Hosting PHP applications on a server requires careful and constant attention to deal with these security risks. There are advanced protection patches such as Suhosin and Hardening-Patch, especially designed for web hosting environments. Installing PHP as a CGI binary rather than as an Apache module is the preferred method for added security. With respect to securing the code itself, PHP code can be obfuscated to make it difficult to read while remaining functional.

Syntax:

Note: - Code in bold letters shows the PHP code embedded within HTML

PHP only parses code within its delimiters. Anything outside its delimiters is sent directly to the output and is not parsed by PHP. The most common delimiters are, which are open and closed delimiters respectively. delimiters are also available. Short tags can be used to start PHP code. These tags are commonly used, but like ASP-style tags (), they are less portable as they can be disabled in the PHP configuration. For this reason, the use of short tags and ASP-style tags are discouraged. The purpose of these delimiters is to separate PHP code from non-PHP code, including HTML.

Variables are prefixed with a dollar symbol and a type does not need to be specified in advance. Unlike function and class names, variable names are casesensitive. Both double-quoted (“”) and heredoc strings allow the ability to

embed a variable's value into the string. PHP treats newlines as whitespace in the manner of a free-form language (except when inside string quotes), and statements are terminated by a semicolon. PHP has three types of comment syntax: /* */ serves as block comments, and // as well as # are used for inline comments. The echo statement is one of several facilities PHP provides to output text (e.g. to a web browser).

In terms of keywords and language syntax, PHP is similar to most highlevel languages that follow the C-style syntax. If conditions, for and while loops, and function returns are similar in syntax to languages such as C, C++, Java and Perl.

Data types:

PHP stores whole numbers in a platform-dependent range. This range is typically that of 32-bit signed integers. Unsigned integers are converted to signed values in certain situations; this behavior is different from other programming languages. Integer variables can be assigned using decimal (positive and negative), octal, and hexadecimal notations. Floating point numbers are also stored in a platform specific range. They can be specified using floating point notation, or two forms of scientific notation. PHP has a native Boolean type that is similar to the native Boolean types in Java and C++. Using the Boolean type conversion rules, non-zero values are interpreted as true and zero as false, as in Perl and C++. The null data type represents a variable that has no value. The only value in the null data type is NULL. Variables of the "resource" type represent references to resources from external sources. These are typically created by functions from a particular extension, and can only be processed by functions from the same extension; examples include file, image, and database resources. Arrays can contain elements of any type that PHP can handle, including resources, objects, and even other arrays. Order is preserved in lists of values and in hashes with both keys and values, and the two can be intermingled. PHP also supports strings, which can be used with single quotes, double quotes, or heredoc syntax. The Standard PHP Library (SPL) attempts to solve standard problems and implements efficient data access interfaces and classes.

Functions:

PHP has hundreds of base functions and thousands more from extensions. These functions are well documented on the PHP site, but unfortunately, the builtin library has a wide variety of naming conventions and inconsistencies. PHP currently has no functions for thread programming.

Version 5.2 and earlier functions are not first-class functions and can only be referenced by their name-directly or dynamically by a variable containing the name of the function. User-defined functions can be created at any time without being prototyped. Functions can be defined inside code blocks, permitting a runtime decision as to whether or not a function should be defined. Function calls must use parentheses, with the exception of zero-argument class constructor functions called with the PHP new operator, where parentheses are optional.

PHP supports quasi-anonymous functions through the create_ function() function, although they are not truly anonymous functions because anonymous functions are nameless, functions can only be referenced by name, or indirectly through a variable $function _ name () in PHP.

Version 5.3 and newer PHP gained support for first-class functions and closures. True anonymous functions are supported function get added($x) using the following syntax:

```
function get added($x)
    {  return function ($y) use ($x)
        {return $x + $y;
        };
    }
    $adder = getAdder (8); echo
    $adder(2); // prints “10”
```

Here, the getAdder() function creates a closure using parameter $x (keyword “use” forces getting variable from context), which takes an additional argument $y and returns it to the caller. Such a function can be stored, given as the parameter to another function, etc. For more details see Lambda functions and closures RFC. 2.3.1.1.6 .

Objects:

Basic object-oriented programming functionality was added in PHP 3. Object handling was completely rewritten for PHP 5, expanding the feature set and enhancing performance. In previous versions of PHP, objects were handled like primitive types. The drawback of this method was that the whole object was copied when a variable was assigned or passed as a parameter to a method. In the new approach, objects are referenced by handle, and not by value. PHP 5 introduced private and protected member variables and methods, along with abstract classes and final classes as well as abstract methods and final methods. It also introduced a standard way of declaring constructors and destructors, similar to that of other object-oriented languages such as C++, and a standard exception-handling model.

Furthermore, PHP 5 added interfaces and allowed for multiple interfaces to be implemented. There are special interfaces that allow objects to interact with the runtime system. Objects implementing Array Access can be used with array syntax and objects implementing Iterator or Iterator Aggregate can be used with the foreach language construct. There is no virtual table feature in the engine, so static variables are bound with a name instead of a reference at compile time. If the developer creates a copy of an object using the reserved word clone, the Zend engine will check if a clone() method has been defined or not. If not, it will call a default clone() which will copy the object’s properties. If a clone() method is defined, then it will be responsible for setting the necessary properties in the created object. For convenience, the engine will supply a function that imports the properties of the source object, so that the programmer can start with a byvalue replica of the source object and only override properties that need to be changed.

Resources:

PHP includes free and open-source libraries with the core build. PHP is a fundamentally Internet-aware system with modules built in for accessing FTP servers, many database servers, and embedded SQL libraries such as embedded PostgreSQL, MySQL, SQLite, LDAP servers, and others. Many functions familiar to C programmers such as those in the studio family are available in the standard PHP build. PHP has traditionally used features such as “magic_ quotes_ gpc” and “magic_ quotes_ runtime” which attempt to escape apostrophes (‘) and quotes (“) in strings in the assumption that they will be used in databases, to prevent SQL injection attacks. This leads to confusion over which data is escaped and which is not, and to problems when data is not in fact used as input to a database and when the escaping used is not completely correct. To make code portable between servers that do and do not use magic quotes, developers can preface their code with a script to reverse the effect of magic quotes when it is applied.

PHP allows developers to write extensions in C to add functionality to the PHP language. These can then be compiled into PHP or loaded dynamically at runtime. Extensions have been written to add support for the Windows API, process management on Unix-like operating systems, multibyte strings (Unicode), URLs, and several popular compression formats. Some more unusual features include integration with Internet Relay Chat, dynamic generation of images and Adobe Flash content, and even speech synthesis. The PHP Extension Community Library (PECL) project is a repository for extensions to the PHP language. Zend provides a certification exam for programmers to become certified PHP developers.

MYSQL

What is a database?

Quite simply, it's an organized collection of data. A database management system (DBMS) such as Access, FileMaker Pro, Oracle, or SQL Server provides you with the software tools you need to organize that data in a flexible manner. It includes facilities to add, modify or delete data from the database, ask questions (or queries) about the data stored in the database, and produce reports summarizing selected contents.

MySQL is a multithreaded, multi-user SQL database management system (DBMS). The basic program runs as a server providing multi-user access to a number of databases. Originally financed in a similar fashion to the JBoss model, MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL now a subsidiary of Sun Microsystem, which holds the copyright to most of the codebase. The project's source code is available under terms of the GNU General Public License, as well as under a variety of proprietary agreements.

MySQL is a database. The data in MySQL is stored in database objects called tables. A table is a collection of related data entries and it consists of columns and rows. Databases are useful when storing information categorically.
A company may have a database with the following tables: "Employees", "Products", "Customers" and "Orders".

Database Tables:

A database most often contains one or more tables. Each table is identified by a Name (e.g., "Customers" or "Orders"). Tables contain records (rows) with data.

Queries:

A query is a question or a request. With MySQL, we can query a database for specific information and have a record set returned.

Create a connection to a database:

Before you can access data in a database, you must create a connection to the database. In PHP, this is done with the MySQL connect (+) function.

Syntax

$con = mysqli_ connect ("server name", "username", "password" +dbname);

Create a Database:

The CREATE DATABASE statement is used to create a database in MySQL.

Syntax:

CREATE DATABASE database_name

To get PHP to execute the statement above we must use the mysql_query() function. This function is used to send a query or command to a MySQL connection.

Create a Table:

The CREATE TABLE statement is used to create a table in MySQL.

Syntax:

```
CREATE TABLE table_name
(
    column_name1 data_type,  column_name2
    data_type,  column_name3 data_type,
    ....
 )
```

INTRODUCTION TO JAVASCRIPT

WHAT IS JAVASCRIPT?

JavaScript, originally supported by Netscape Navigator, is the most popular Web scripting language today. JavaScript lets you embed programs right in your Web pages and run these programs using the Web browser. You place these programs in an <SCRIPT> element. If you want the script to write directly to the Web page, place it in the <BODY> element.

EX:<HTML>

<HEAD>

<TITLE></TITLE>

</HEAD>

<BODY>

<SCRIPT LANGUAGE=”JavaScript”>

</SCRIPT>

</BODY>

</HTML>

JAVASCRIPTS OBJECTS

JavaScript is an object-oriented language. JavaScript comes with a number of predefined objects.

Objects of the JavaScript

1. Document: Corresponds to the current Web page’s body. Using this object, you have access to the HTML of the page itself, including the whole links, images, and anchors in it.
2. Form: Holds information about HTML forms on the current page.
3. Frame: Refers to a frame in the browser’s window.
4. History: Holds the records of sites the Web browser has visited before reaching the current page.
5. Location: Holds information about the location of the current web page. 6. Navigator: Refers to the browser itself, letting you determine what browser the user has.
7. Window: Refers to the current browser window.

JAVASCRIPTS EVENTS

Some of the events of JavaScript

1. on Change: This occurs when data in a control, like a text field, changes.

2. Click: Occurs when an element is clicked.

3. Focus: Occurs when an element gets the focus.

4. Mouse Down: This occurs when a mouse button goes down.

5. Reset: This occurs when the user clicks the reset button.

JAVASCRIPTS FUNCTIONS

Declaration of function

Syntax: function name ()

{

…

…

}

Write these functions in <SCRIPT> tag.

HTML

WHAT IS HTML?

To publish information for global distribution, one needs a universityunderstood language, a kind of publishing mother tongue that all computers may potentially understand. The publishing language used by the World Wide Web is HTML (Hyper Text Markup Language).HTML Gives Authors the Means To

1. Publish online documents with headings, text, tables, lists, photos, etc.
2. Retrieve online information via hypertext links, at the click of a button
3. Design forms for conducting transactions with remote services, for use in searching for information, making a reservation, ordering products, etc. 4. Includes spreadsheets, video clips, sound clips, and other applications directly in the documents.

Some HTML Tags

<HTML>: Starting an HTML tag

<HEAD>: Creating a web page's head

<TITLE>: Giving a web page 's body

</HEAD>: Ending a web pages head

</BODY>: Ending a web pages body

</HTML>: Ending a web page

<FORM>: Creating an HTML forms

<INPUT TYPE=BUTTON> : Creating a buttons

<INPUT TYPE=CHECKBOX>: Creating a checkboxes

<INPUT TYPE=SUBMIT> : Creating a submit button

<INPUT TYPE=TEXT> : Creating a text field

HTML 4.0

HTML 4.0 extends with mechanisms for style sheets, scripting, frames embedding objects, improved support for right-to-left and mixed-direction texts, richer tables, and enhancements to form, offering improved accessibility for people with disability.

SYSTEM DESIGN

5.SYSTEM DESIGN

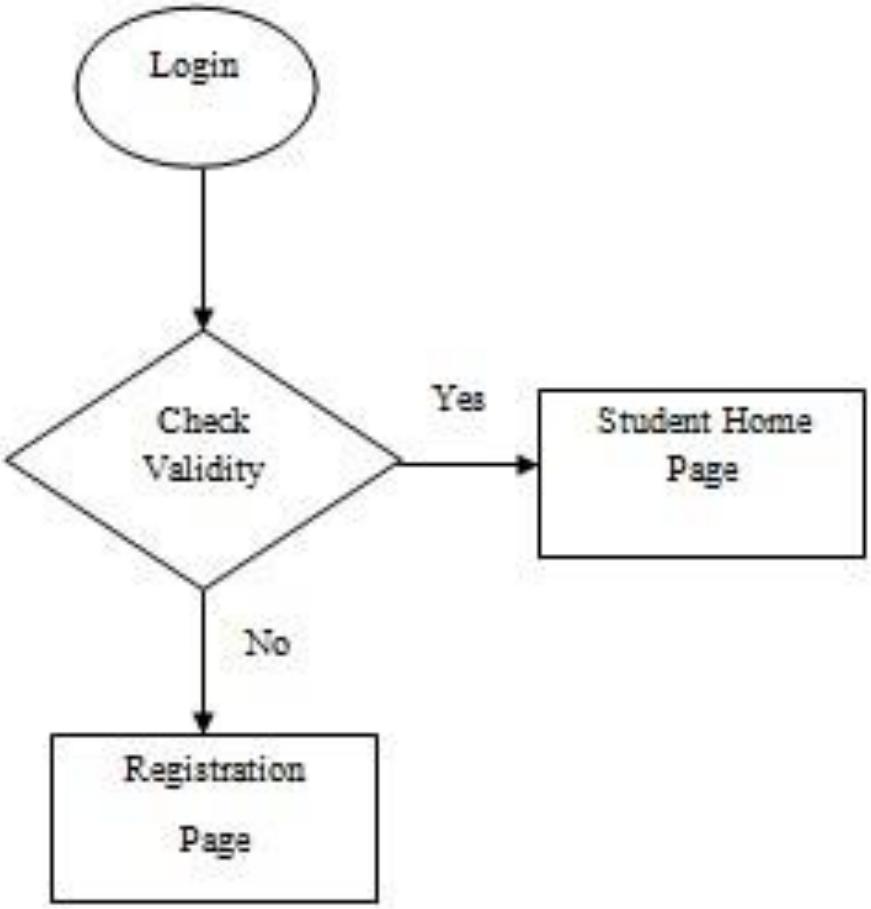
Introduction:

Systems design is the process of defining elements of a system like modules, architecture, components, and their interfaces and data for a system based on the specified requirements. It is the process of defining, developing, and designing systems that satisfy the specific needs and requirements of a business or organization. **Description:**

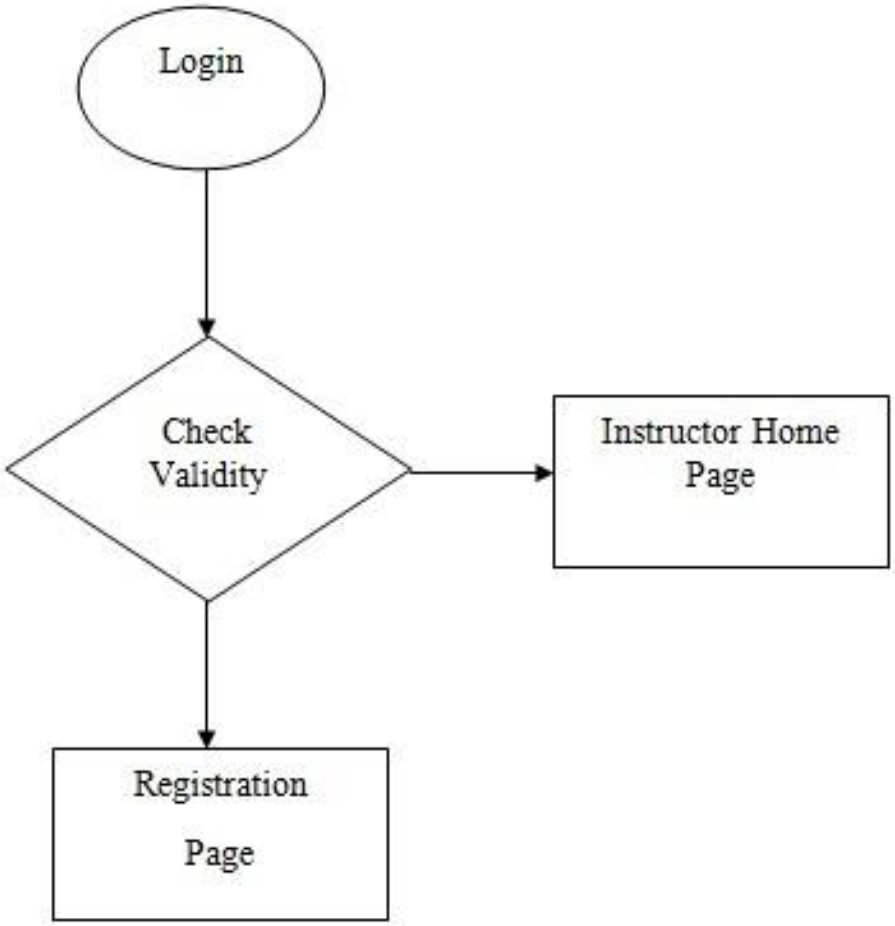
A systemic approach is required for a coherent and well-running system. A Bottom-Up or Top-Down approach is required to take into account all related variables of the system. A designer uses modeling languages to express information and knowledge in the structure of the system that is defined by a consistent set of rules and definitions. The designs can be defined in graphical or textual modeling languages.

5.1 DATA FLOW DIAGRAM:

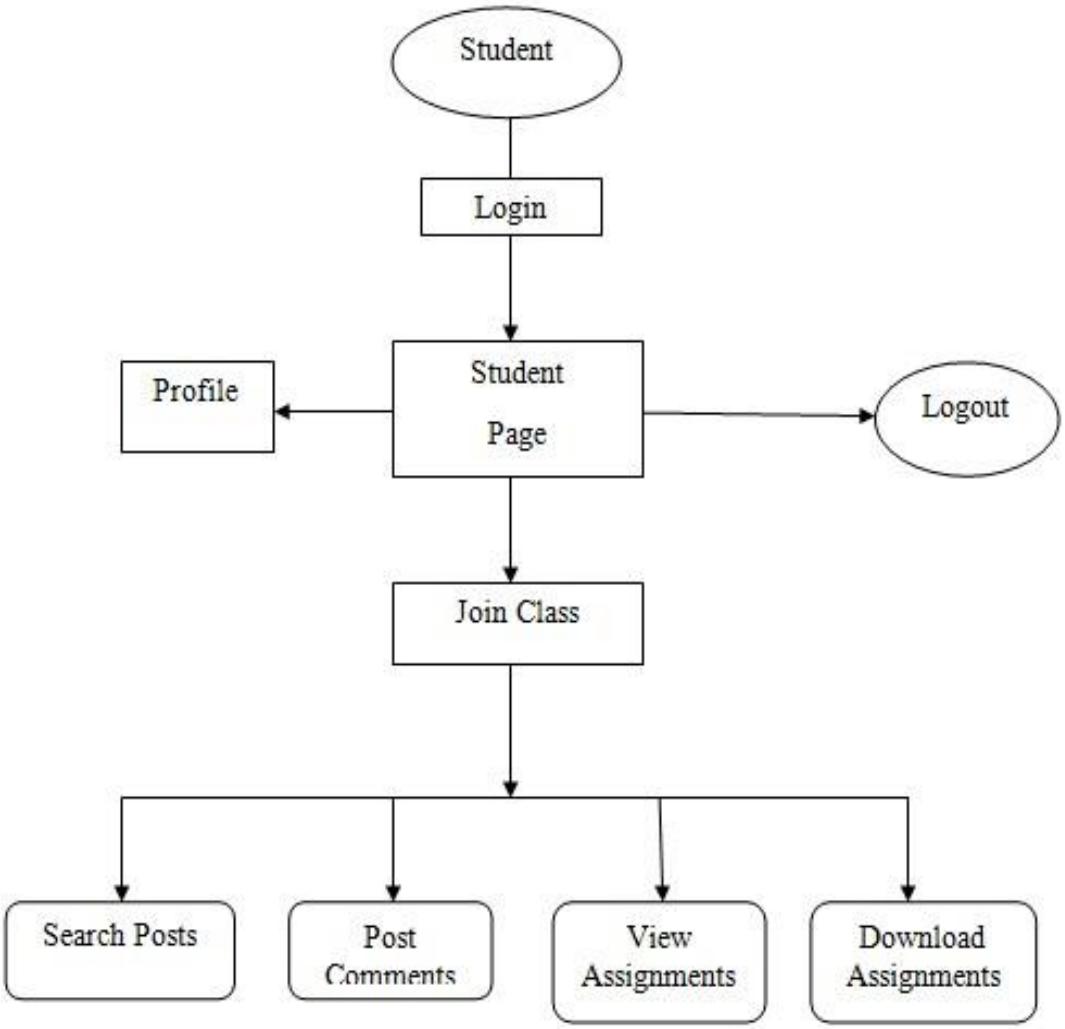
Student Login:



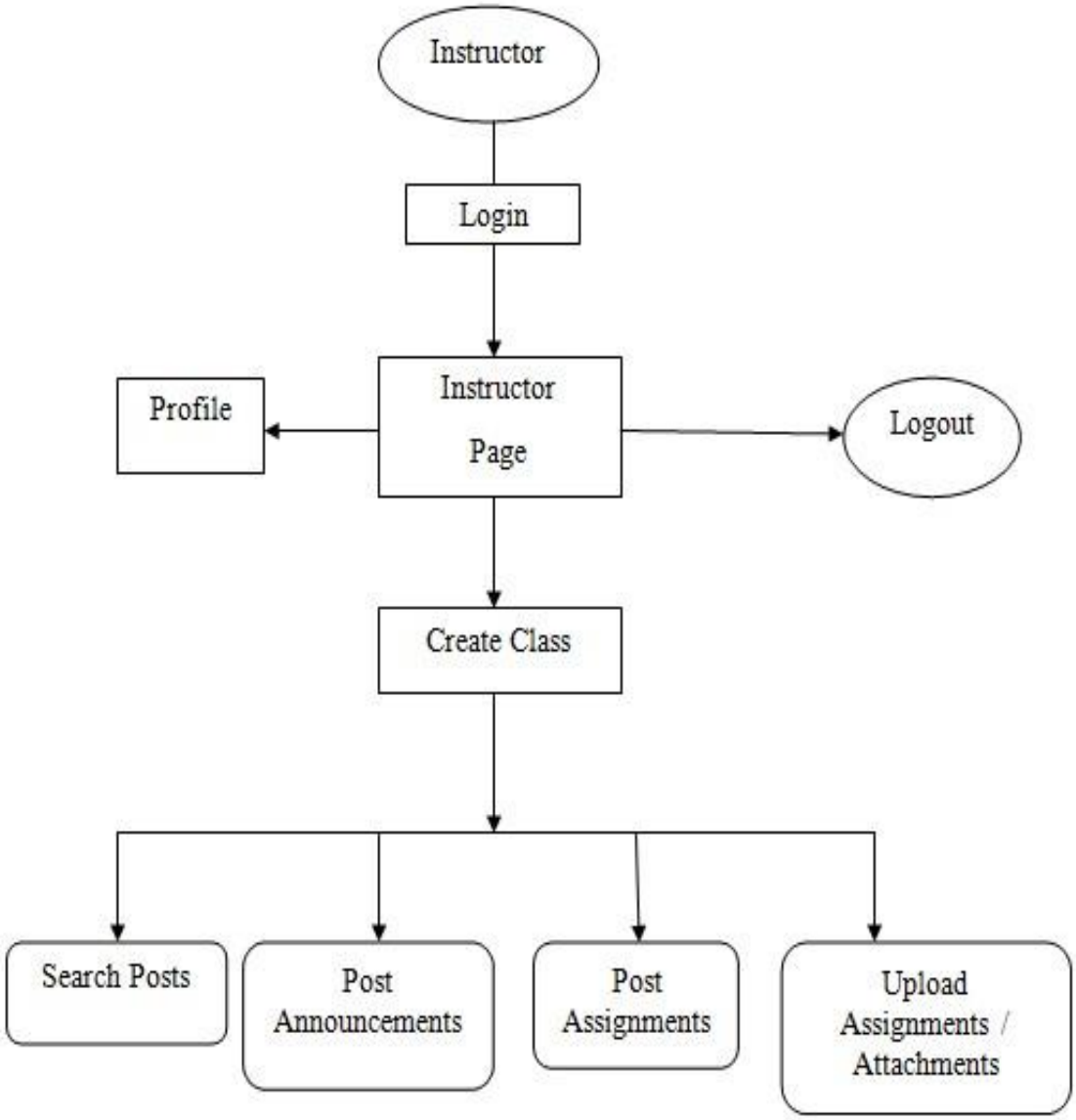
Instructor Login:



Student Page:

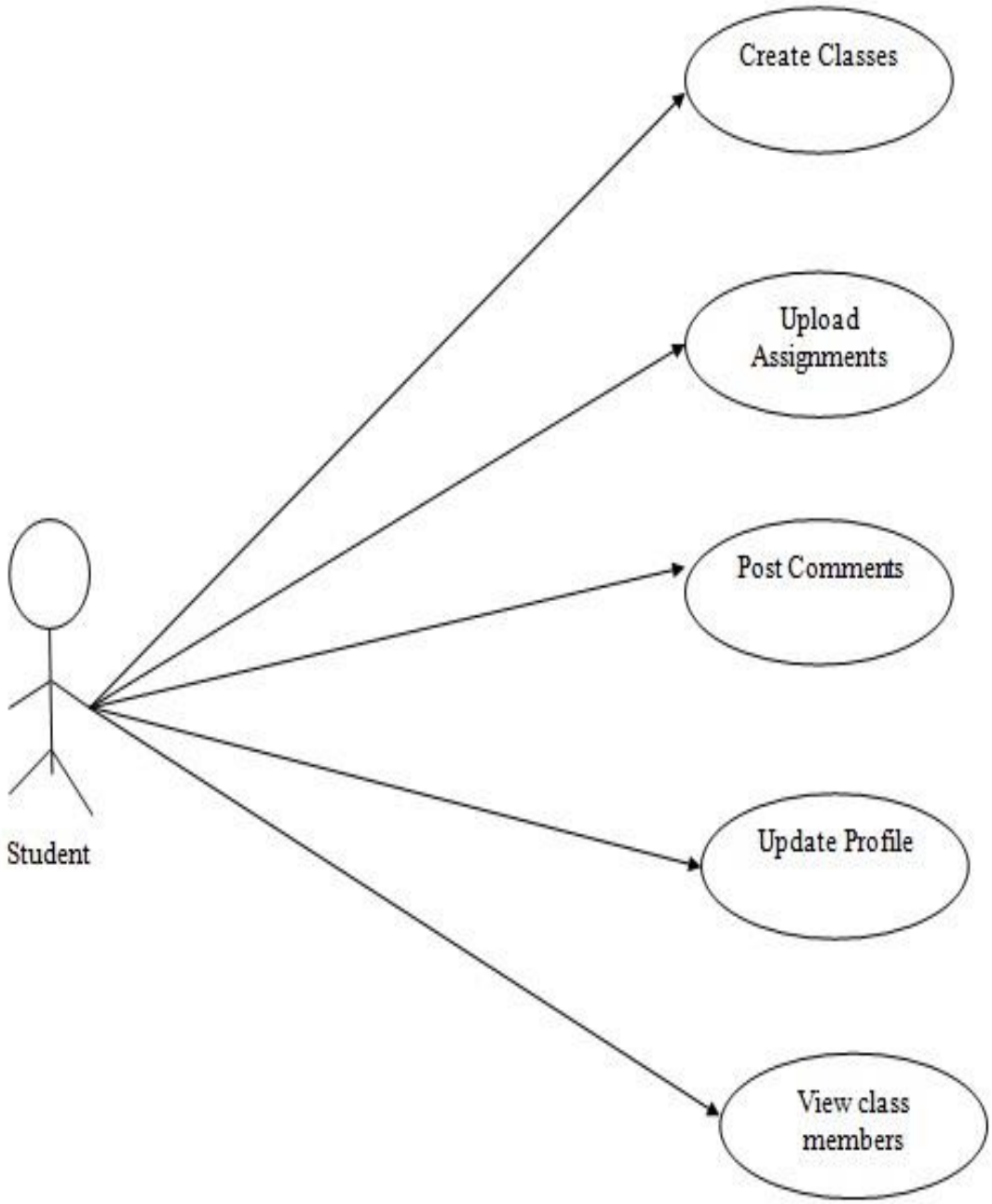


Instructor Page:

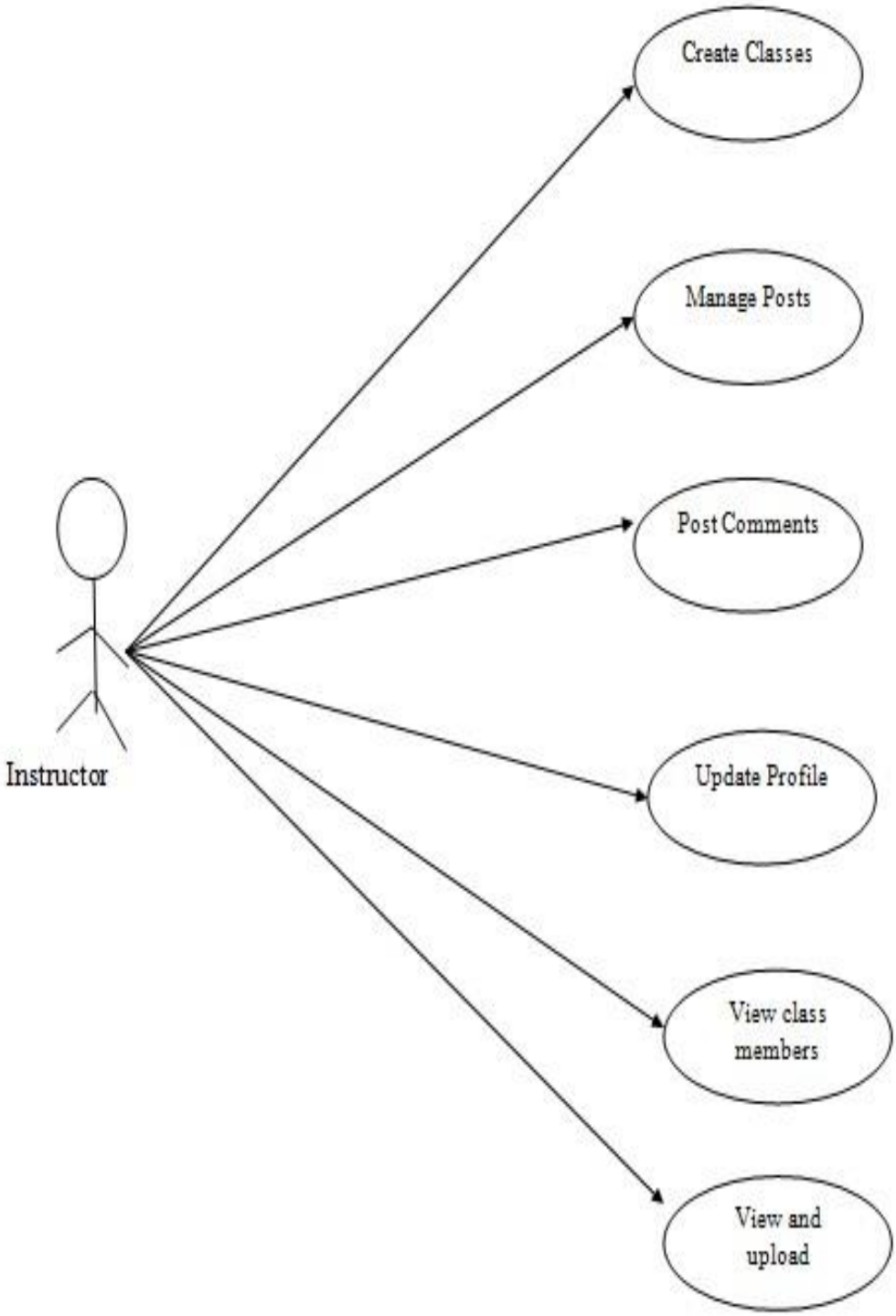


5.2 Use Case Diagrams

Use case diagram for student



Use case diagram for Instructor



5.3 Database Design:

The data in the system has to be stored and retrieved from the database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at the analysis stage. They are structured and put together to design the data storage and retrieval system.

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database access easy, quick, inexpensive, and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies, and optimizing for updates.

Comments Table:

Column	Type
Id	int(11)
Body	text
added_by	varchar(60)
courseCode	varchar(50)
user_to	varchar(60)
date_added	datetime
user_closed	varchar(3)
Edited	varchar(3)
Files	varchar(500)
fileDestination	varchar(500)

User Table:

Column	Type
Id	int(11)
first_name	varchar(25)
last_name	varchar(25)
Username	varchar(100)
Email	varchar(100)
Password	varchar(255)
Profilepic	varchar(255)
singup_date	Date
user_closed	varchar(3)
num_posts	int(11)
phonenumber	varchar(250)
Bio	varchar(500)

Create Class Table:

Name	Type
Id	int(11)
Username	varchar(50)
className	varchar(50)
Section	varchar(25)
courceCode	varchar(50)
Date	Date
num_posts	int(11)
student_array	Text

Notification Table:

Name	Type
Id	int(11)
user_to	varchar(50)
user_from	varchar(50)
Message	Text
Link	varchar(3)
Datetime	Datatime
Opended	varchar(3)
Viewed	varchar(3)

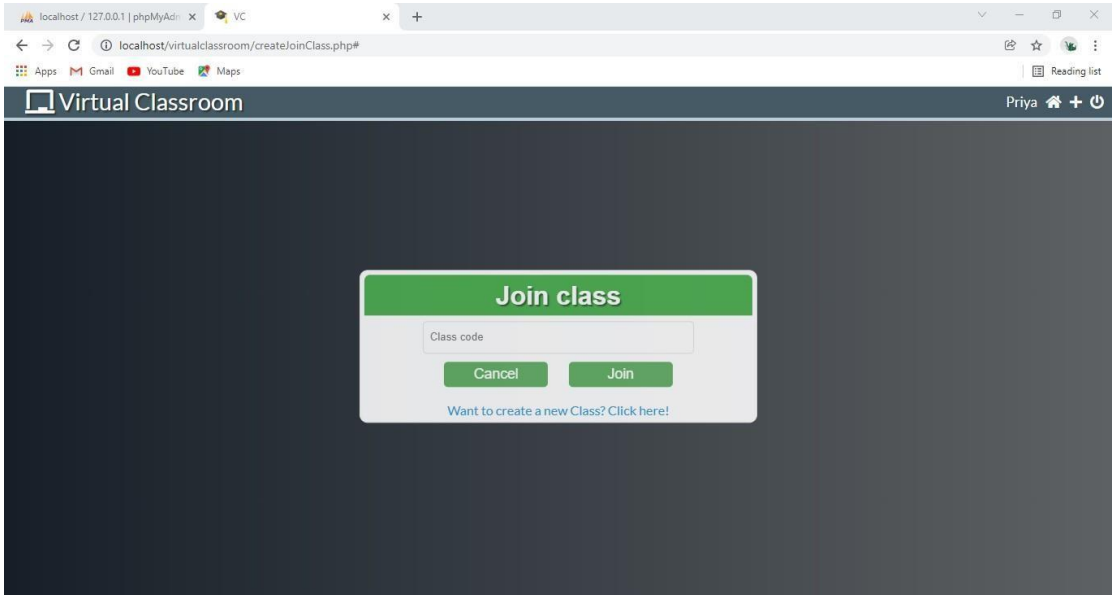
Posts Table:

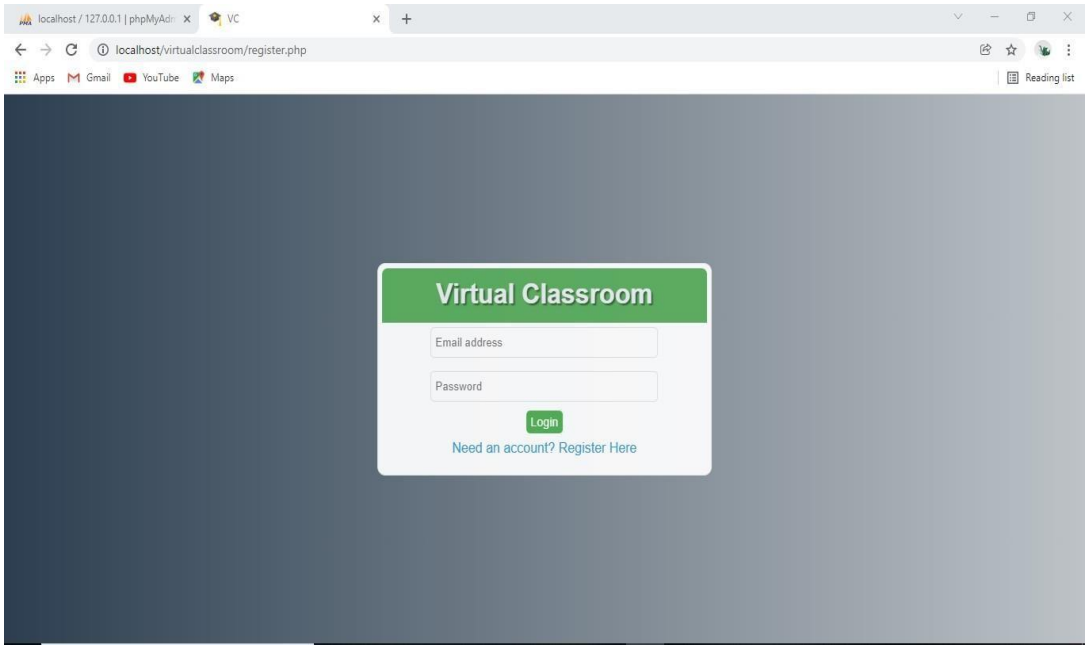
Name	Type
Id	int(11)
Body	varchar(100)
added_by	varchar(60)
CourseCode	varchar(50)
dser_to	varchar(60)
date_added	Datatime
user_closed	varchar(3)
Edited	varchar(3)
Files	varchar(500)
fileDestination	varchar(500)

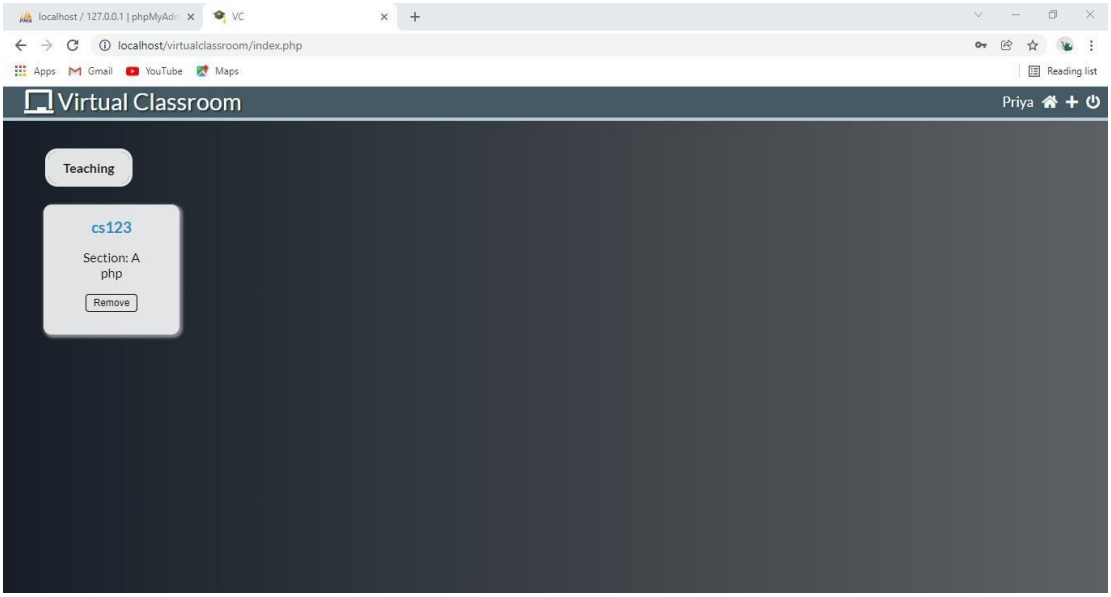
APPENDIX

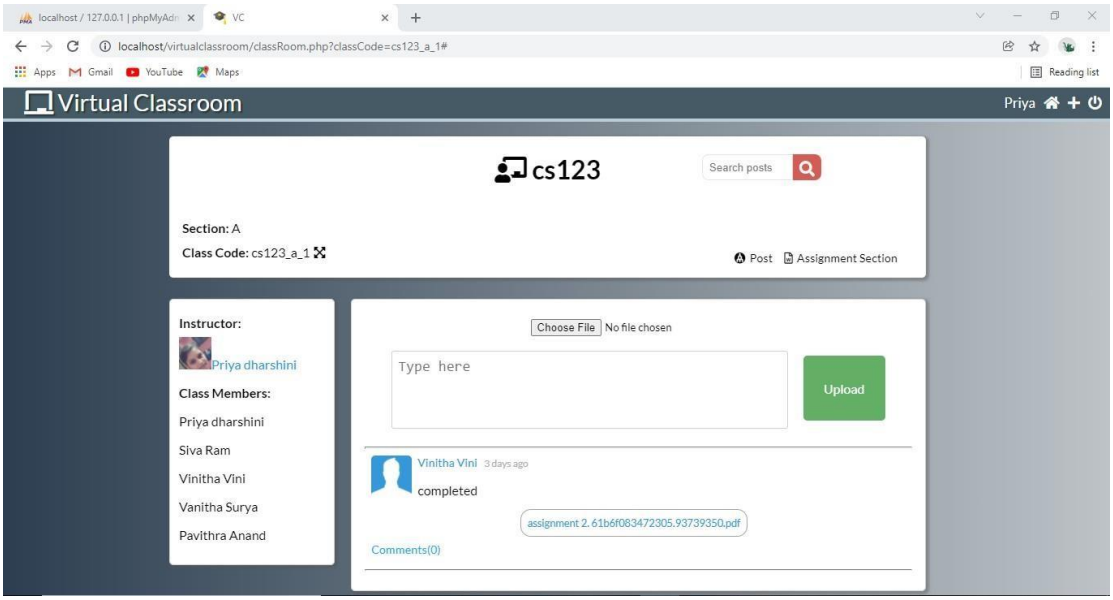
6.APPENDIX

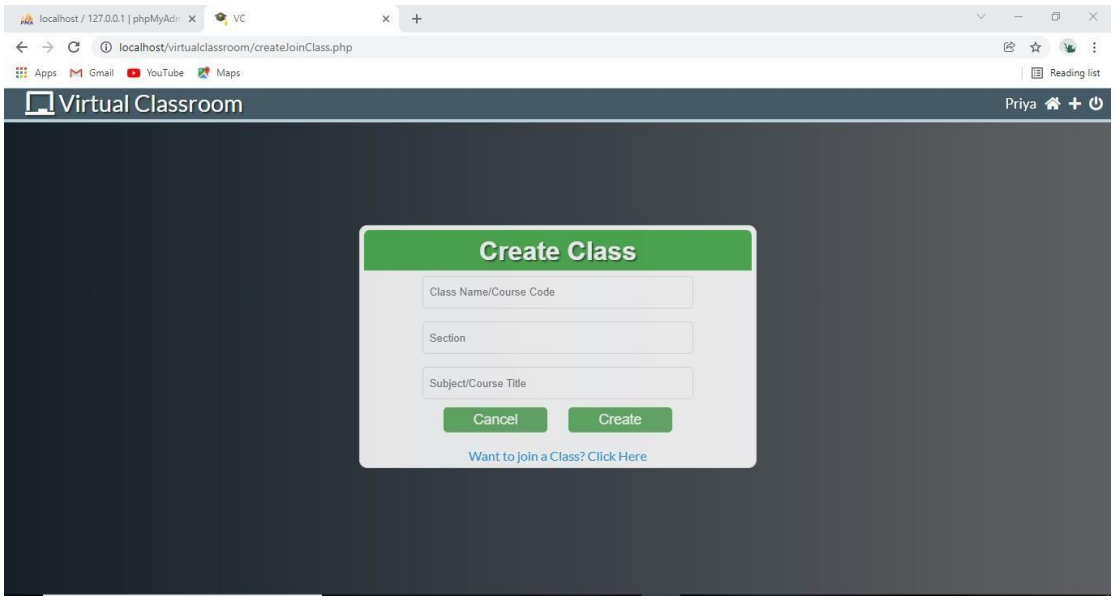
6.1 SCREENSHOTS:

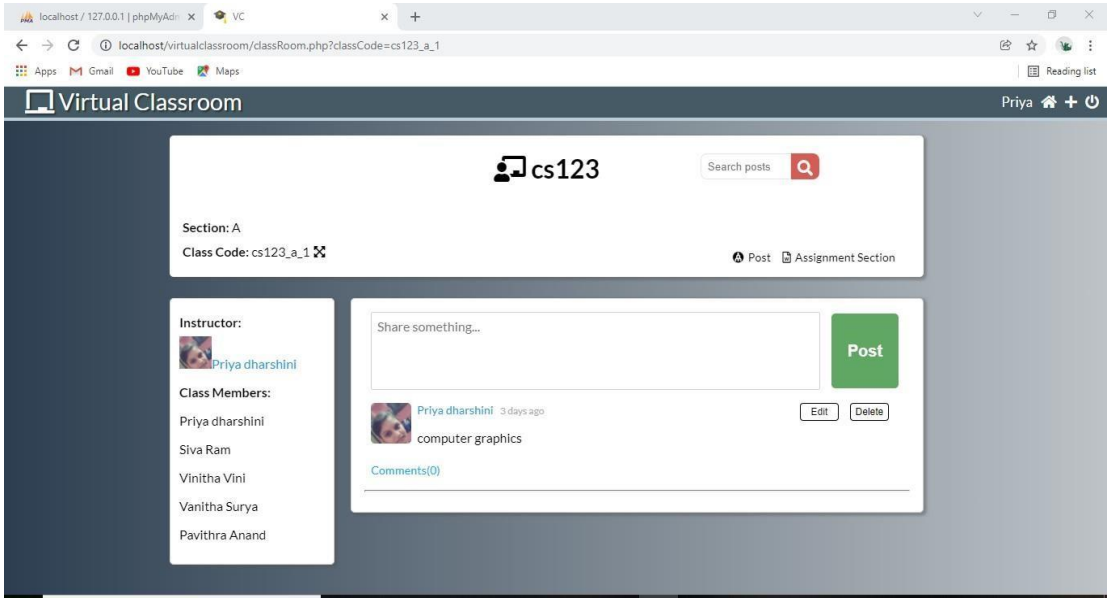





localhost / 127.0.0.1 | phpMyAdn
VC
localhost/virtualclassroom/index.php
Apps
Gmail
YouTube
Maps
Reading list
Virtual Classroom
Priya
Teaching
cs123
Section: A
php
Remove


localhost / 127.0.0.1 | phpMyAdn
VC
localhost/virtualclassroom/classRoom.php?classCode=cs123_a_1#
Apps
Gmail
YouTube
Maps
Reading list
Virtual Classroom
Priya
cs123
Search posts
Section: A
Class Code: cs123_a_1
Post
Assignment Section
Instructor:
Priya dharshini
Class Members:
Priya dharshini
Siva Ram
Vinitha Vini
Vanitha Surya
Pavithra Anand
Choose File
No file chosen
Type here
Upload
Vinitha Vini
3 days ago
completed
assignment 2. 61b6f083472305.93739350.pdf
Comments(0)


localhost / 127.0.0.1 | phpMyAdn
VC
localhost/virtualclassroom/createJoinClass.php
Apps
Gmail
YouTube
Maps
Reading list
Virtual Classroom
Priya
Create Class
Class Name/Course Code
Section
Subject/Course Title
Cancel
Create
Want to join a Class? Click Here


localhost / 127.0.0.1 | phpMyAdn
VC
localhost/virtualclassroom/classRoom.php?classCode=cs123_a_1
Apps
Gmail
YouTube
Maps
Reading list
Virtual Classroom
Priya
cs123
Search posts
Section: A
Class Code: cs123_a_1
Post
Assignment Section
Instructor:
Priya dharshini
Class Members:
Priya dharshini
Siva Ram
Vinitha Vini
Vanitha Surya
Pavithra Anand
Share something...
Post
Priya dharshini 3 days ago
Edit
Delete
computer graphics
Comments(0)

6.2 Sample Code:

index.php<?php

include("header.php");

$ooo = "";

$username = $user['username'];

$userCode = $user2['courseCode'];

$post = new Post($con, $username, $userCode);

$checkTeaching = $post->checkTeachingClass();

$checkEnrolled = $post->checkEnrolledClass();

?>

<?php

if ($checkTeaching == true;

echo "

<h3>Teaching</h3>";

$post->loadTeachingClasses();

echo " ";

}

```
        if ($checkEnrolled == true) {
echo "<div class='enrolled'>
<h3><span class='header'>Enrolled:</span></h3>";
            $post->loadEnrolledClasses();
echo "</div>";
        }
        if (($checkEnrolled == false) && ($checkTeaching == false)) {
echo "<div id='nullTeachingEnrolled'>
<p>It seems you haven't created or enrolled in any class yet! </p>
<p>Click the button below or <i class='fas fa-plus' style='padding:0.4rem; color:inherit'></i> above to start with your class</p>

<a href='createJoinClass.php'>
<button class='null-button'>Create/Join</button></a>
</div>";
        }
        ?>
</div>
</div>
</body>
</html>
```

header.php

```
<?php include("header.php");

$username = "";

$userFullName = " ";

$email = " ";

$firstName = "";

$lastName  = "";

$phoneNumber = "";

$bio = "";

$code = ""; $profilePic= ""; if

(isset($_GET['profile_username'])) {

   $username = $_GET['profile_username'];

   $user_details_query = mysqli_query($con, "SELECT * FROM users WHERE username='$username'");

   $user_array = mysqli_fetch_array($user_details_query);

   $userFullName = $user_array['first_name']. " " . $user_array['last_name'];

   $email = $user_array['email'];

   $firstName = $user_array['first_name'];

   $lastName = $user_array['last_name'];

   $phoneNumber = $user_array['phoneNumber'];

   $bio = $user_array['bio'];

   $profilePic = $user_array['profilePic'];
```

```
} if (isset($_POST['profile-updateBtn'])) {

$firstName = $_POST['firstName'];

   $lastName = $_POST['lastName'];

   $phoneNumber = $_POST['phoneNumber'];

   $bio = $_POST['bio'];

   $query = mysqli_query($con, "UPDATE users SET first_name ='$firstName' WHERE username LIKE '$username'");

   $query1 = mysqli_query($con, "UPDATE users SET last_name ='$lastName' WHERE username LIKE '$username'");

   $query2 = mysqli_query($con, "UPDATE users SET phoneNumber ='$phoneNumber' WHERE username LIKE '$username'");

   $query3 = mysqli_query($con, "UPDATE users SET bio ='$bio' WHERE username LIKE '$username'"); header("Location: $username");

}

$teaching  = new User($con,$code ,$username);

$query = mysqli_query($con, "SELECT * FROM users WHERE username='$username'");

$row = mysqli_fetch_array($query);

$editBtn = ""; if(isset($_SESSION['username'])){

   $userLoggedIn = $_SESSION['username']; if($userLoggedIn ==

$username){

      $editBtn = '<div class="edit-btn" onclick="openEdit()"><i class="fasfaedit"></i>Edit</div>';

   }};
```

```
?>

<main class="profile-body">

<div class="backdrop"></div>

<div class="modal">

<form action=<?php echo $username; ?> method="POST">

<label for="First Name">First name:</label>

<input type="text" name="firstName" id="" value=<?php echo $firstName; ?> autocomplete="off">

<label for="Last Name">Last name:</label>

<input type="text" name="lastName" id="" value=<?php echo $lastName; ?> autocomplete="off">

<label for="Email">Email:</label>

<input type="email" name="Email" id="" disabled value=<?php echo $email; ?>>

<label for="Phone">Phone:</label>

<input type="int" name="phoneNumber" id="" value=<?php echo $phoneNumber; ?> autofocus autocomplete="off">

<label for="Bio">Bio:</label>

<textarea type="text" name="bio" id="" cols="30" rows="10" class="bio"><?php echo $bio; ?></textarea>

<div>

<div class="closeBtn" onclick="closeModal()">Cancel</div>

<input type="submit" value="Update" class="profile-updateBtn"

name="profileupdateBtn"></div>
```

```
</form>


</div>

<section class="side-bar">

<div class="profile__image">

<!--<p>profile image will go here if there is any</p> -->

<a href="upload.php"><imgsrc="<?php echo $profilePic; ?>"></a>

</div>

<a href="upload.php">Add a new profile picture </a><p>username:  
<?php echo  $username; ?></p>

</section>

<section class="profile">

<span class="titles">Name:</span>

<p>   <?php echo $userFullName; ?></p>

<span class="titles">Email:</span>

<p>   <?php echo $email; ?></p>

<span class="titles">Phone:</span>

<p>   <?php echo $phoneNumber; ?></p>

<span class="titles">Bio: </span>

<p class="bio"><?php echo $bio; ?></p>

<?php echo $editBtn ?>

</section>
```

```
<div class="clear"></div>
</main><script>     function
reloadPage() {
location.reload(true);
   }
   function openEdit() { document.querySelector('.profile-body
.modal').style.display = 'block';
document.querySelector('.backdrop').style.display = 'block';

   }
   function closeModal() { document.querySelector('.profile-body
.modal').style.display = 'none'
document.querySelector('.backdrop').style.display = 'none'  }
</script>
</body>
</html>
```

7. SYTEM TESTING AND SYSTEM IMPLEMENTATION

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, designing, and coding.

TESTING OBJECTIVES:

1.Testing is the process of executing a program with the intent of finding an error.

2. A good test case design is one that has a probability of finding an as-yet- undiscovered error.

3. A successful test is one that uncovers an as-yet-undiscovered error.

These above objectives imply a dramatic change in the viewport.

Testing cannot show the absence of defects, it can only show that software errors are present.

There are three types of testing strategies

1. Unit test
2. Integration test
3. Performance test

Unit Testing:

Unit testing focuses verification efforts on the smallest unit of the software design module. The unit test is always white box oriented. The tests that occur as part of unit testing are testing the module interface, examining the local data structures, testing the boundary conditions, executing all the independent paths, and testing error-handling paths.

Integration Testing:

Integration testing is a systematic technique or construction of the program structure while at the same time conducting tests to uncover errors associated with interfacing. The scope of testing summarizes the specific functional, performance, and internal design characteristics that are to be tested. It employs top-down testing and bottom-up testing methods for this case.

Performance Testing:

Timing for both read and update transactions should be gathered to determine whether system functions are being performed in an acceptable timeframe.

SYSTEM IMPLEMENTATION

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence in the new system to the users that it will work efficiently and effectively. The system can be implemented only after thorough testing is done and if it is found to work according to the specification. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the changeover, and an evaluation of change-over methods apart from planning. Two major tasks of preparing the implementation are education and training of the users and testing of the system. The more complex the system being implemented, the more involved will be the systems analysis and design effort required just for implementation. The implementation phase comprises several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his new fully tested system and the old system is discontinued

8.FUTURE ENHANCEMENT

A facility for the online examination can be added in the future. Students can apply for special courses and online payment facilities are also available for them. A Group Discussion module will add for Students so that Student can Discuss their doubts. The top scorer of that exam will be displayed on that website they will be rewarded. The solution to this examination also is available, along with an explanation. A student with 80 percent in three consecutive exams will be given a special discount. For further exam.

9.CONCLUSION

This application will give flexibility to those students as well who do not have time to attend college due to their busy schedule of a job and some people is not able to join college due to their financial issues, so it’s the best web application to get an education in a virtual platform, as we have seen so many other sites who are providing online course but mostly they are providing a course which may not in sequence and moreover not authorized from a particular college or university, here we develop this application for a particular college where the person can get admission as a proper student and can get the certificate too which will be authorized same as college.

10.BIBLIOGRAPHY

For PHP

- https://www.w3schools.com/php/default.asp
- https://www.sitepoint.com/php/
- https://www.php.net/

For MySQL

- https://www.mysql.com/
- http://www.mysqltutorial.org

For XAMPP

- https://www.apachefriends.org/download.html

Project Work on

“ONLINE CAR RENTAL SYSTEM”

Project Submitted to the Department of Computer Science

St.Mary’s College (Autonomous),Thoothukudi

(Re-accredited with A+Grade by NAAC)

Affiliated to

Manonmaniam Sundaranar University,Tirunelveli

For the Partial Fulfilment of the requirements for the award of degree in**Bachelor of Computer Science**



Submitted by

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2. Durga Dharsini.M	20AUCS13
3. Mario Johana.P	20AUCS23
4. Seetha Lakshmi.N	20AUCS36
5. Subalakshmi.S.T	20AUCS42

Under the Supervision and Guidance of

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

BONAFIDE CERTIFICATE

DEPARTMENT OF COMPUTER SCIENCE

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with A+ Grade by NAAC)

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Manonmaniam Sundaranar University, Tirunelveli

This is to certify that the project report entitled "ONLINE CAR RENTAL SYSTEM" is the Bonafide work done by

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2. Durga Dharsini.M	20AUCS13
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5. Subalakshmi.S.T	20AUCS42

In the partial fulfilment of the requirements for the award of Degree in BACHELOR OF COMPUTER SCIENCE during the year 2022 -2023.

S. Gnanaby
Guide

S. Gnanaby
Head of the Department

Submitted for the examination held on 18.04.2023

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

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

ABSTRACT

Transport facility is a matter of headache for those people who do not have any personal transport. On occasions like Wedding, Vacation, house shifting, tour and on many other situations they feel the necessity of a vehicle to sort out the problems. So if it is possible to design or develop a web-based application for availing transport whenever and wherever possible, then it will be beneficial for both renter and transport provider. In Our Project, We are using PHP and MYSQL. This Project has two modules : Admin and User.

Admin can Add/Manage car brands, manage vehicles, bookings, testimonial, pages and many more. It's easy to operate and understand by users. This site makes the customers easy for car rental.

User has to login to book a car. The user can search for cars easily and book. For bookings, the user has to provide information such as Booking Dates and Text Message. All car details are provided and it also includesCar's feature and Overview.

Now a days, Some people cannot afford to have a car, for those people this system becomes very helpful.This system includes various cars and services, as per the customer order and comfort. This Car Rental System have a facility to book cars online within few clicks only. It reduces time for booking a car through contact the car rental company. In future , we will add some more features in this Online Car Rental System.

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INTRODUCTION

INTRODUCTION

Car rental system (CRS) is a web based system for a company that rent cars. This system enables the company to make their services available to the public through the internet. This is a company that rent cars for a short period of time for a few days.

In order to facilitate users to rent a car as and when required we would like to design a car rental system. It is more feasible than owning a car and maintaining it. Car rental system serves people who don't own a car, who are owners of damaged cars who are awaiting repair or insurance compensation.

The world has become a place where there is a lot of technological development; where everysingle thing done physically has been transformed into computerized form. Nowadays,people's activities have been transformed into work done by computerized systems. One ofwhich is the main target of this project which is about Car Rental System. The system of rentingcars exist back in the previous years, were people rent cars for their personal reasons. Carrenting is essential to many peoples' plan to travel or move from one place to another forbusiness purposes, tour, and visit or holidays, for these reasons Car renting is very helpful.

1.1 PROJECT OVERVIEW

Nowadays, there is Online Car Rental which gives much benefit to user. A car rental service is a service which customers arrive to request the hire of a rental car. It is more convenient than carrying the cost of owning and maintain the car. A car rental is a company that rent cars for short period of time for a fee for few hours or a few days or a week.

It helps to book the cars or vehicles online rather than using the traditional manual system of vehicle reservation. This eliminates the risk of erroneous booking and reduce overall lead time and ensures growth in customer satisfaction. They can book any car according to their brands and price.

1.2 OBJECTIVE

The objective of this project is to automate vehicle rental and reservation so that the customers do not need to call and spend unnecessary time to reserve a vehicle.

- To transform the manual process of hiring car to a computerize system
- To validate the Rental car system using user satisfaction test

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

A car rental is a vehicle that can be used temporarily for a period of time with a fee. Rentinga car assists people to get around even when they do not have access to their own personalvehicle or don't own a vehicle at all. The individual who want to rent a car must first contactthe car rental company for the desire vehicle. This can be done online. At this point, thisperson has to supply some information such as; dates of rental, and type of car. After thesedetails are worked out, the individual renting the car must present a valid Identification Card.

DISADVANTAGES

- During car reservation the customers reserve a vehicle by making a phone call to theorganization; otherwise he/she is expected to go to the organization to makereservation.
- During renting a car the customer personal information, payments status and rentagreements are filled in the car rent agreement form in order to hold legal contractbetween the customer and organization for renting the vehicle.
- In the existing system, you cannot provide feedback of the user to the admin online.

2.2 PROPOSED SYSTEM

This Online Car Rental System provides features like time efficiency to show car details, user profiles and whatever the customer will give the feedback to the admin. It is totally computerized system.This online car rental system helps in back office administration by streamlining and standardizing the procedures. It is the best software application for managing online car rental business.

ADVANTAGES

- ✓ This online car rental solution is fully functional and flexible.
- ✓ It is very easy to use.
- ✓ It saves a lot of time, money and labor.
- ✓ Eco-friendly: The monitoring of the vehicle activity and the overall business becomes easy and includes the least of paper work.
- ✓ The application acts as an office that is open 24/7.
- ✓ It increases the efficiency of the management at offering quality services to the customers.
- ✓ It provides custom features development and support with the application.

SYSTEM REQUIREMENTS

3. SYSTEM REQUIRMENTS

3.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 or above

RAM :4GB or above

HDD/SSD : 100GB or above

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM: Window 7 or above

IDE: WAMP

FRONT END: JavaScript,HTML,CSS,PHP

BACK END: MySQL

SERVER: Apache

SYSTEM OVERVIEW

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

1. **Admin :**

Admin can add a car, manage booking car and rent and also view feedback and enquiry.

2. **User :**

User can view information of available car, booking car, easily get the car on rent and also give feedback and can enquiry.

3. **Booking Car :**

The user can view Available cars and user can book for that car.

4. **Give Feedback :**

The customer will give the feedback to the admin.

5. **Add Car :**

The Admin can add the car so that the user can see the available cars and book the car.

6. **Manage Rent :**

The Admin can manage the rent so that the user can see the rent and book the car.

7. **View Feedback :**

The admin easily view the feedbacks and solve the query.

4.2 SOFTWARE DESCRIPTION

PHP:

PHP stands for **"Hypertext Preprocessor"**. PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications.

MySQL:

MySQL stands for **"My Structured Query Language"**.MySQL is a relational database management system(RDBMS) developed by Oracle that is based on structured query language. It is a stored program that can be called when required and passed parameters to get a value in return.

APACHE:

Apache is known as **Application Server**, often referred to as Server, is an open-source Java Servlet Container developed by the Apache Software Foundation.

HTML:

The **HyperText Markup Language** or HTML is the standard markup web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

CSS:

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

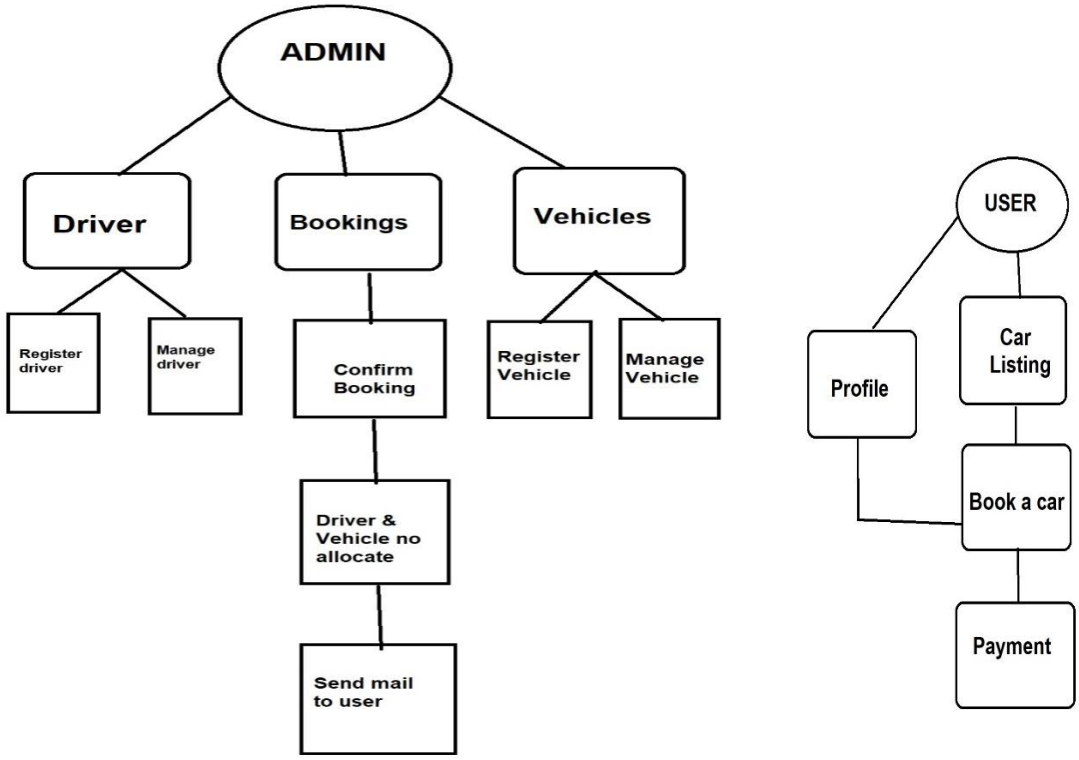
JAVASCRIPT:

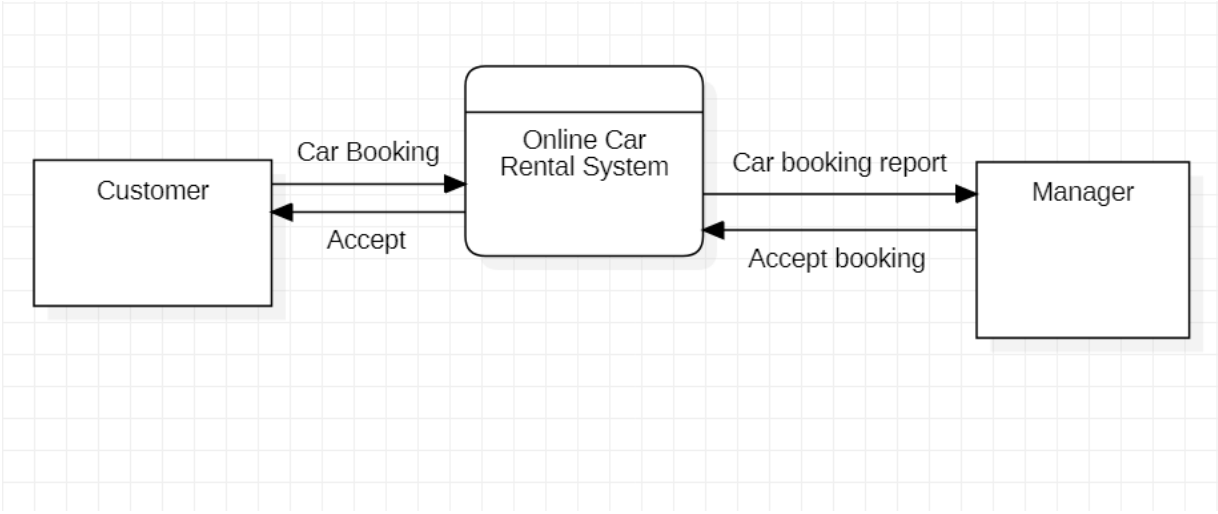
JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time complied, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object orientation, and first-class functions.

SYSTEM DESIGN

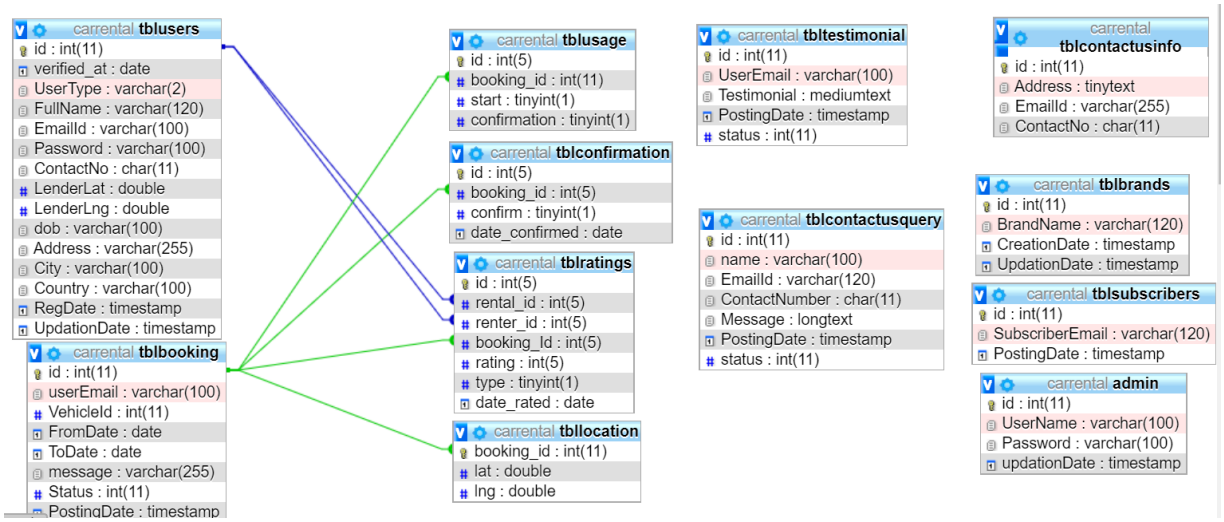
5. SYSTEM DESIGN

5.1 DATAFLOW DIAGRAM

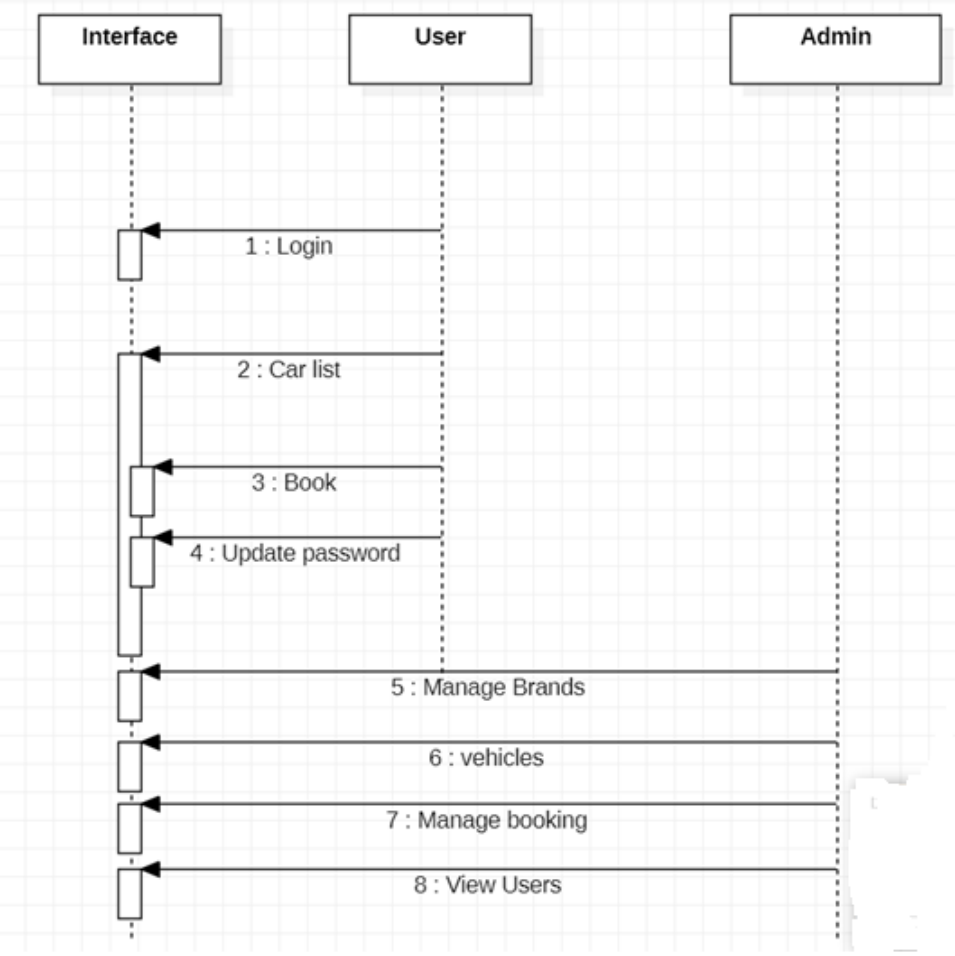




5.2 ER DIAGRAM



5.3 SEQUENCE DIAGRAM



5.4 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 asystem.

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.

5.5 OUTPUT DESIGN:

Output design generally refers to the results

informationthat 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

stakeholderswith 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, boughtor reused. Production involves the hardware fabricationprocesses of forming, removing, joining, and finishing; the software realizationprocesses of coding and testing, or the operational proceduresdevelopment processes for operators' roles.If implementation involves aproduction process, a manufacturing system that uses the established technical andmanagement processes may be required.The purpose ofthe implementation process is to design and

create (or fabricate) a system element conforming to the eliminated design properties and/or requirements. The element is constructed employing appropriatetechnologies 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

It 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, withoutdependencies 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 objectscorrectly.

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 documentationor upgrading the performance characteristics of a system.

CONCLUSION

7. CONCLUSION

Car rental business has emerged with a new goodies compared to the past experience where every activity concerning car rental business is limited to a physical location only. Even though the physical location has not been totally eradicated; the nature of functions and how these functions are achieved has been reshaped by the power of internet. Nowadays, customers can reserve cars online, rent car online, and have the car brought to their door step once the customer is a registered member or go to the office to pick the car.

The web based car rental system has offered an advantage to both customers as well as Car Rental Company to efficiently and

effectively manage the business and satisfies customers' need at the click of a button.

FUTURE

ENHANCEMENT

8. FUTURE ENHANCEMENT

The car rental system is growing very fast and demand for this industry has increased globally in the past few years. The global car rental industry looks good and seems so many opportunities for this sector in the future. With the increase of national and international tourists in different countries, the industry is expecting more growth and bright car rental business opportunities.Car Rental System in the whole world growing rapidly. While several players have already entered and established themselves in the market, there is still scope for others. Every company is trying to provide better services and this is bringing improvement and use of new

automated technologies in the market. Now rental companies are focusing on customer support, training, sales, and marketing to stand out clearly and to communicate better with the customers. This will increase the customer footfall and sales.Most car rental businesses are doing good and some of them are working hard on every fact to improve their services. We can expect a bright future for all car rentals that are implementing smart tricks and technologies to stand out in the market. To provide better services and automate the business, many car rental companies are using car rental management software.The software minimizes the task for the management and they can concentrate on developing business plans and new strategies for the development of the business.

BIBILIOGRAPHY

9. BIBILIOGRAPHY

WEB REFERENCE:

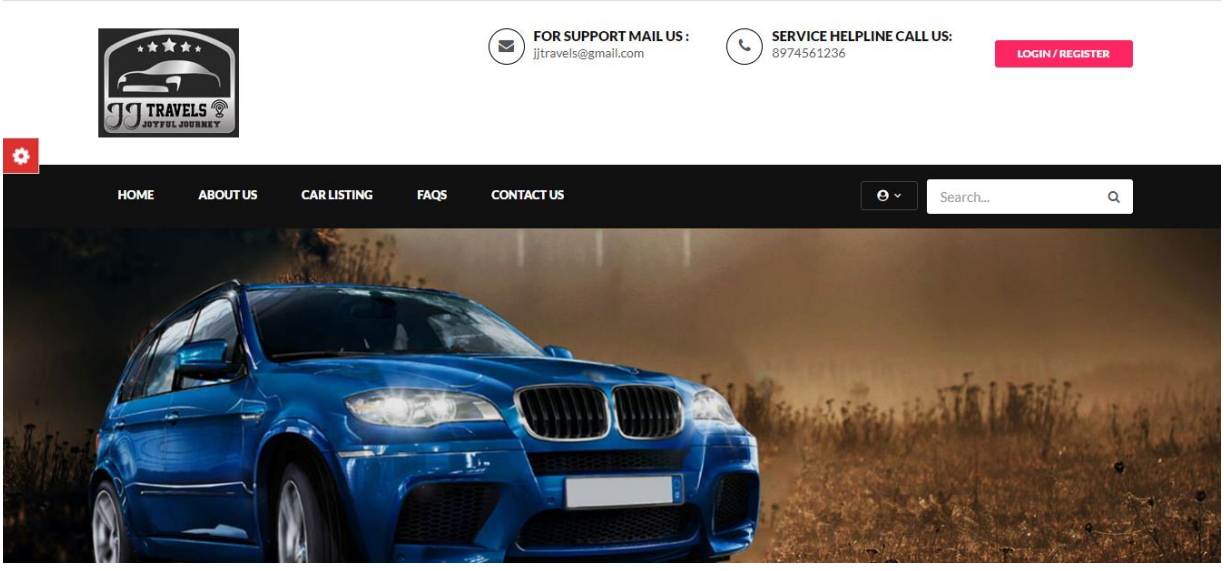
- http://www.w3schools.com
- https://www.stackoverflow.com
- https://www.Wikipedia.org
- http://www.carrentingsolutions.com
- http://www.flashvortex.com
- https://www.github.com

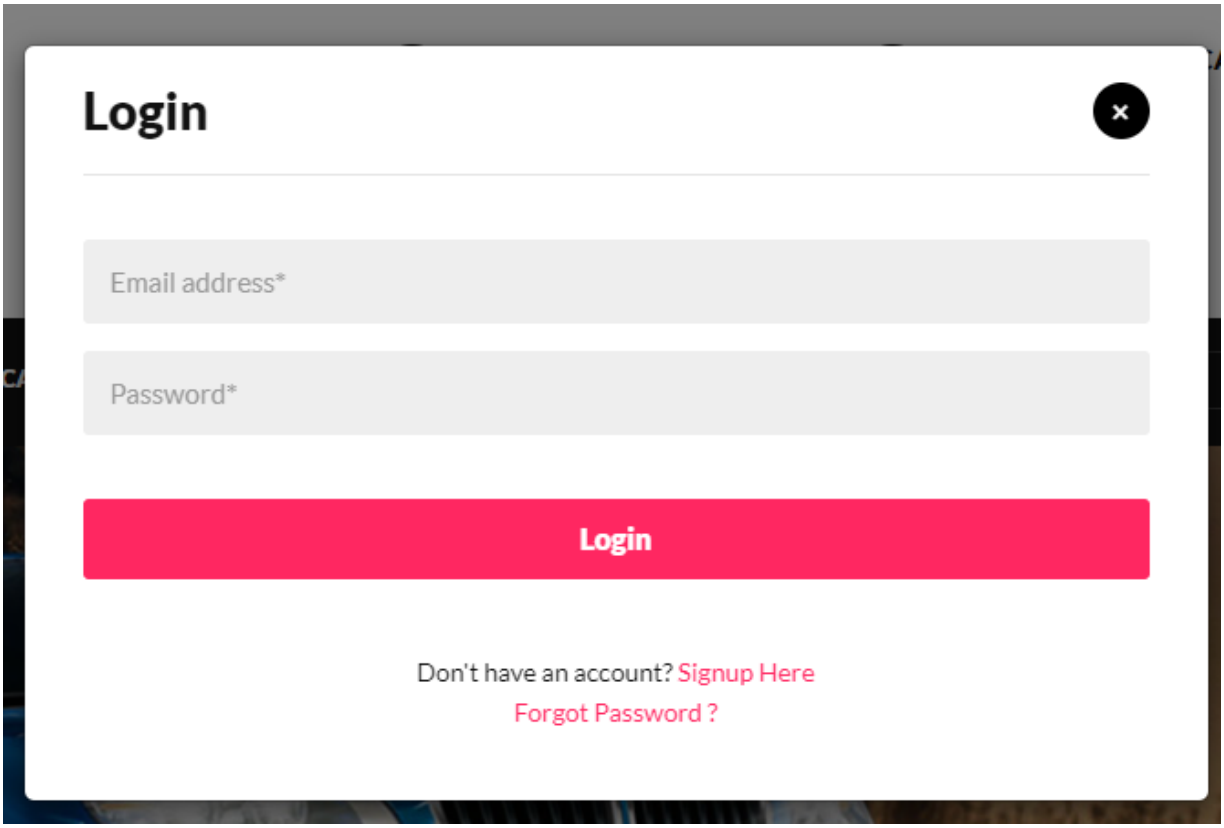
APPENDIX

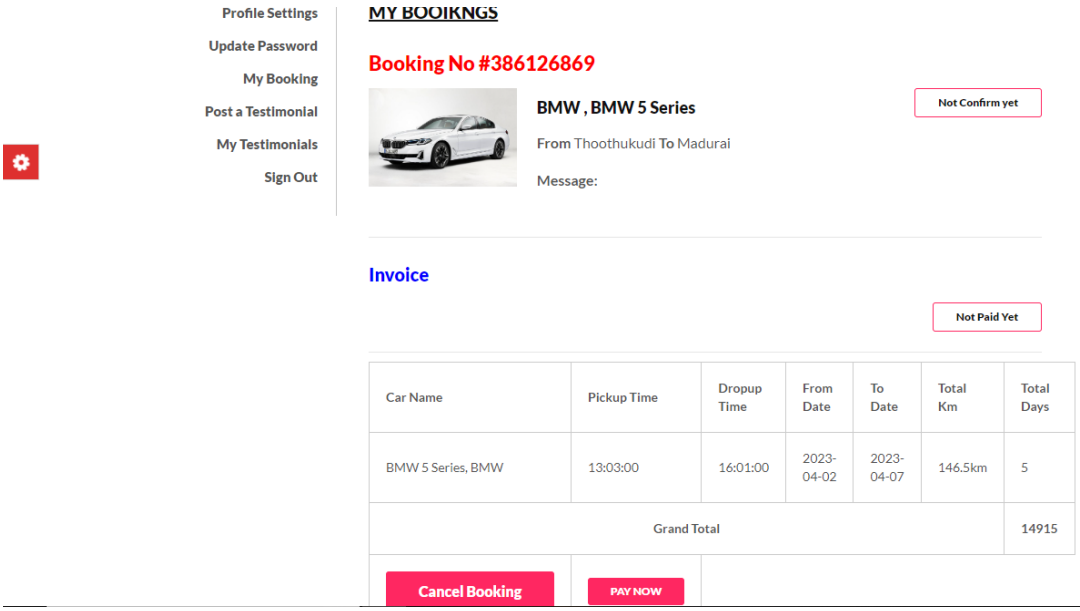
10. APPENDIX

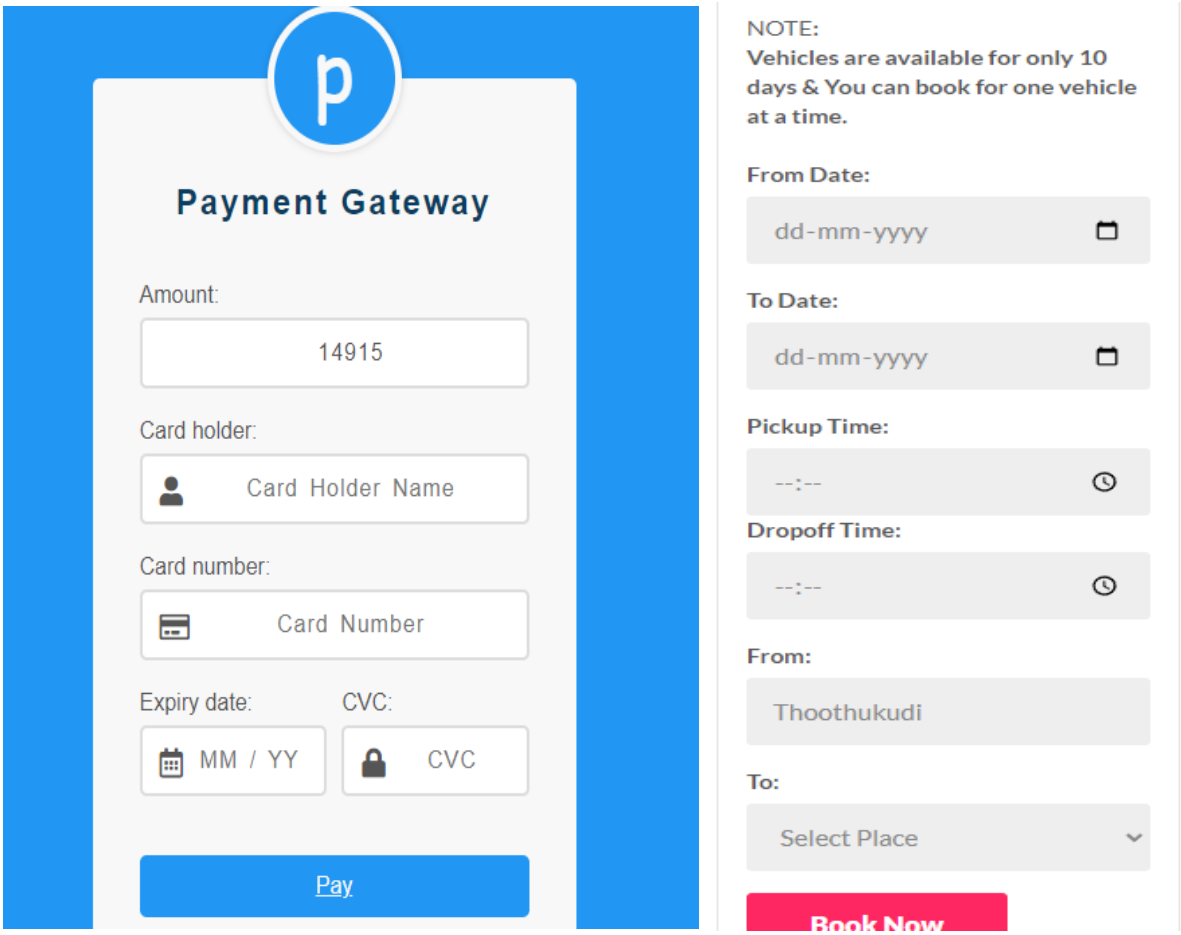
A.SCREENSHOTS

USER

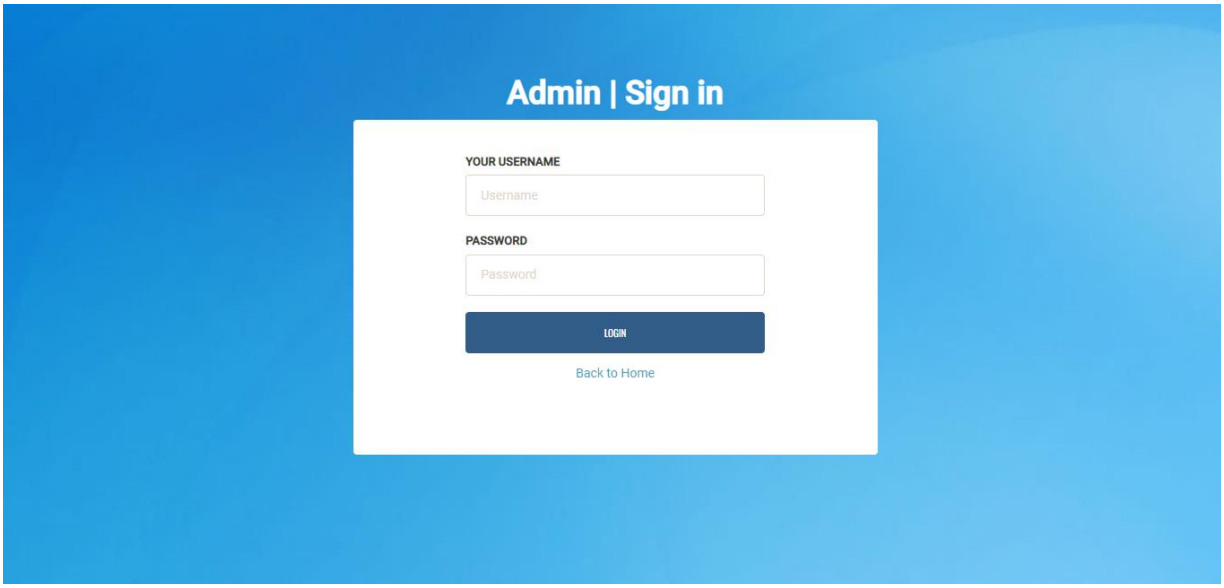


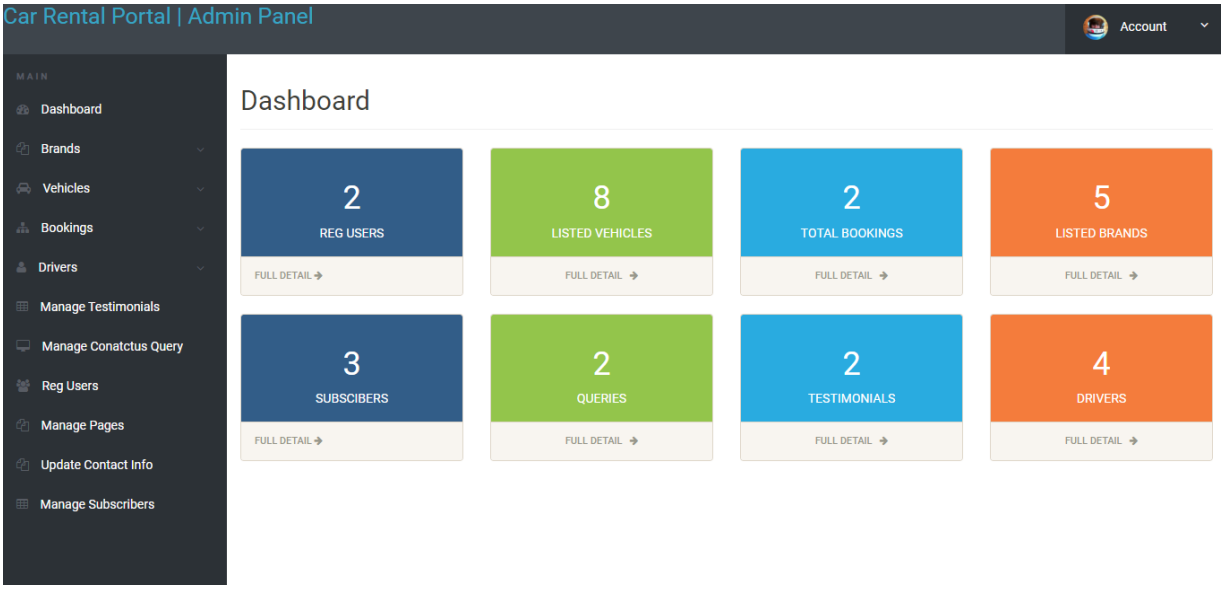

Login
Email address*
Password*
Login
Don't have an account? Signup Here
Forgot Password ?

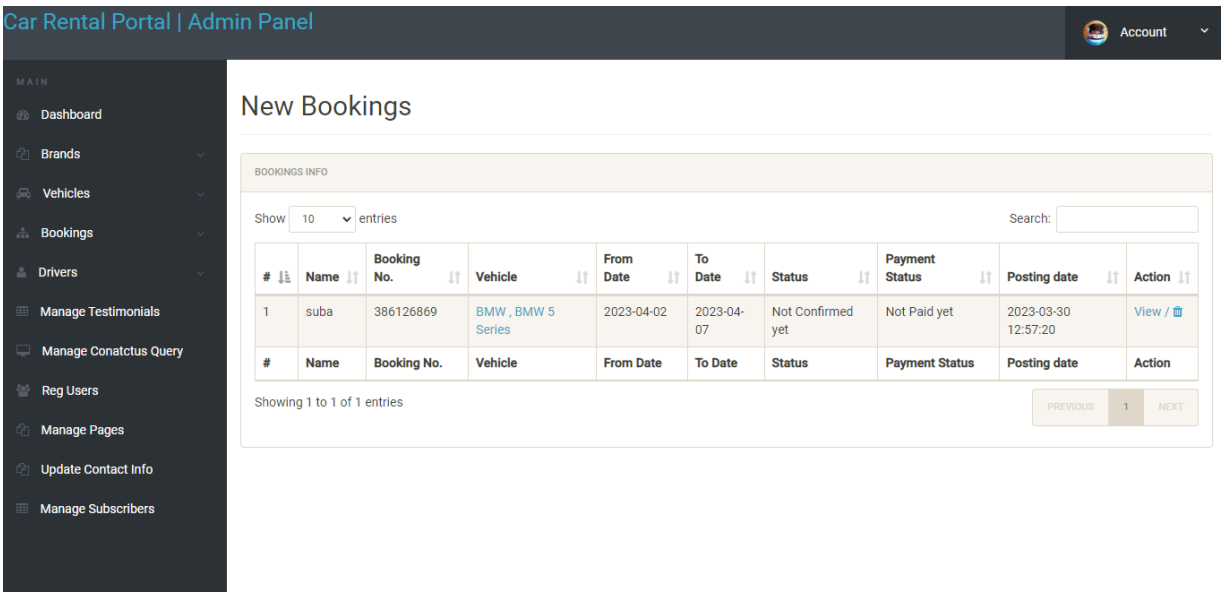

Profile Settings
Update Password
My Booking
Post a Testimonial
My Testimonials
Sign Out
MY BOOIKNGS
Booking No #386126869
BMW , BMW 5 Series
From Thoothukudi To Madurai
Message:
Not Confirm yet
Invoice
Not Paid Yet
Car Name
Pickup Time
Dropup Time
From Date
To Date
Total Km
Total Days
BMW 5 Series, BMW
13:03:00
16:01:00
2023-04-02
2023-04-07
146.5km
5
Grand Total
14915
Cancel Booking
PAY NOW

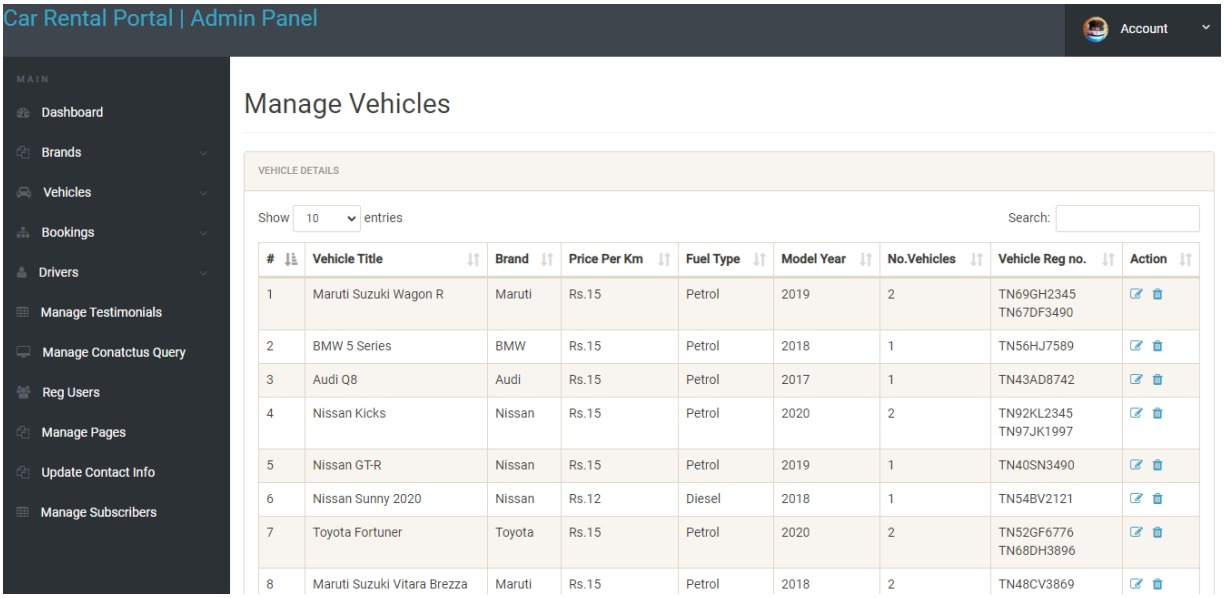

Payment Gateway
Amount:
14915
Card holder:
Card Holder Name
Card number:
Card Number
Expiry date:
MM / YY
CVC:
CVC
Pay
NOTE:
Vehicles are available for only 10 days & You can book for one vehicle at a time.
From Date:
dd-mm-yyyy
To Date:
dd-mm-yyyy
Pickup Time:
--:--
Dropoff Time:
--:--
From:
Thoothukudi
To:
Select Place
Book Now

ADMIN


Admin | Sign in
YOUR USERNAME
Username
PASSWORD
Password
LOGIN
Back to Home


Car Rental Portal | Admin Panel
Account
MAIN
Dashboard
Brands
Vehicles
Bookings
Drivers
Manage Testimonials
Manage Conatctus Query
Reg Users
Manage Pages
Update Contact Info
Manage Subscribers
Dashboard
2
REG USERS
FULL DETAIL
8
LISTED VEHICLES
FULL DETAIL
2
TOTAL BOOKINGS
FULL DETAIL
5
LISTED BRANDS
FULL DETAIL
3
SUBSCIBERS
FULL DETAIL
2
QUERIES
FULL DETAIL
2
TESTIMONIALS
FULL DETAIL
4
DRIVERS
FULL DETAIL


Car Rental Portal | Admin Panel
Account
MAIN
Dashboard
Brands
Vehicles
Bookings
Drivers
Manage Testimonials
Manage Conatctus Query
Reg Users
Manage Pages
Update Contact Info
Manage Subscribers
New Bookings
BOOKINGS INFO
Show 10 entries
Search:
Name Booking No. Vehicle From Date To Date Status Payment Status Posting date Action
1 suba 386126869 BMW , BMW 5 Series 2023-04-02 2023-04-07 Not Confirmed yet Not Paid yet 2023-03-30 12:57:20 View /
Name Booking No. Vehicle From Date To Date Status Payment Status Posting date Action
Showing 1 to 1 of 1 entries
PREVIOUS 1 NEXT



B.SAMPLE CODE

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

?>

<!DOCTYPE HTML>
<html lang="en">
<head>
<title>Car Rental Portal</title>
<!--Bootstrap -->
<link rel="stylesheet" href="assets/css/bootstrap.min.css" type="text/css">
<link rel="stylesheet" href="assets/css/style.css" type="text/css">
```

```
<link rel="stylesheet" href="assets/css/owl.carousel.css" type="text/css">
<link rel="stylesheet" href="assets/css/owl.transitions.css" type="text/css">
<link href="assets/css/slick.css" rel="stylesheet">
<link href="assets/css/bootstrap-slider.min.css" rel="stylesheet">
<link href="assets/css/font-awesome.min.css" rel="stylesheet">
                <link rel="stylesheet" id="switcher-css" type="text/css"
href="assets/switcher/css/switcher.css" media="all" />
                <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/red.css" title="red" media="all" data-default-
color="true" />
                <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/orange.css" title="orange" media="all" />
                <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/blue.css" title="blue" media="all" />
                <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/pink.css" title="pink" media="all" />
                <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/green.css" title="green" media="all" />
                <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/purple.css" title="purple" media="all" />
<link rel="apple-touch-icon-precomposed" sizes="144x144"
href="assets/images/favicon-icon/apple-touch-icon-144-precomposed.png">

<link rel="apple-touch-icon-precomposed" sizes="114x114"
href="assets/images/favicon-icon/apple-touch-icon-114-precomposed.html">
<link rel="apple-touch-icon-precomposed" sizes="72x72"
href="assets/images/favicon-icon/apple-touch-icon-72-precomposed.png">
<link rel="apple-touch-icon-precomposed" href="assets/images/favicon-
icon/apple-touch-icon-57-precomposed.png">
<link rel="shortcut icon" href="assets/images/favicon-icon/favicon.png">
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900"
rel="stylesheet">
</head>
<body>

<!-- Start Switcher -->
<?php include('includes/colorswitcher.php');?>
<!-- /Switcher -->

<!--Header-->
```

```
<?php include('includes/header.php');?>
<!-- /Header -->

<!-- Banners -->
<section id="banner" class="banner-section">
<div class="container">
<div class="div_zindex">
<div class="row">
<div class="col-md-5 col-md-push-7">
<div class="banner_content">
<h1> </h1>
<p>  </p>
</div>
</div>
</div>
</div>
</div>
</section>
<!-- /Banners -->

<!-- Resent Cat-->
<section class="section-padding gray-bg">

<div class="container">
<div class="section-header text-center">
<h2>Find the Best <span>CarForYou</span></h2>
<p>There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text.</p>
</div>
<div class="row">

<!-- Nav tabs -->
<div class="recent-tab">
<ul class="nav nav-tabs" role="tablist">
<li role="presentation" class="active"><a href="#resentnewcar" role="tab" data-toggle="tab">New Car</a></li>
</ul>
```

```
</div>
<!-- Recently Listed New Cars -->
<div class="tab-content">
<div role="tabpanel" class="tab-pane active" id="resentnewcar">

<?php $sql = "SELECT
tblvehicles.VehiclesTitle,tblbrands.BrandName,tblvehicles.PricePerKm,tblvehicl
es.FuelType,tblvehicles.ModelYear,tblvehicles.numberofvehicle,tblvehicles.id,tb
lvehicles.SeatingCapacity,tblvehicles.VehiclesOverview,tblvehicles.Vimage1
from tblvehicles join tblbrands on tblbrands.id=tblvehicles.VehiclesBrand limit
9";
$query = $dbh -> prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{
?>
<div class="col-list-3">
<div class="recent-car-list">

<div class="car-info-box"><a href="vehical-details.php?vhid=<?php echo
htmlentities($result->id);?>"><img src="vimg/<?php echo htmlentities($result-
>Vimage1);?>" class="img-responsive" alt="image"></a>
<ul>
<li><i class="fa fa-car" aria-hidden="true"></i><?php echo htmlentities($result-
>FuelType);?></li>
<li><i class="fa fa-calendar" aria-hidden="true"></i><?php echo
htmlentities($result->ModelYear);?> Model</li>
<li><i class="fa fa-user" aria-hidden="true"></i><?php echo
htmlentities($result->SeatingCapacity);?> seats</li>
<li><i class="fa fa-car" aria-hidden="true"></i><?php echo htmlentities($result-
>numberofvehicle);?></li>
</ul>
</div>
<div class="car-title-m">
<h6><a href="vehical-details.php?vhid=<?php echo htmlentities($result-
>id);?>"><?php echo htmlentities($result->VehiclesTitle);?></a></h6>
```

```
<!--<span class="price">Rs.<?php echo htmlentities($result->PricePerKm);?>
/Km</span> -->
</div>
<div class="inventory_info_m">
<p><?php echo substr($result->VehiclesOverview,0,70);?></p>
</div>
</div>
</div>
<?php }}?>

</div>
</div>
</div>
</section>
<!-- /Resent Cat -->
<!-- Fun Facts-->
<section class="fun-facts-section">
<div class="container div_zindex">
<div class="row">
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">

<h2><i class="fa fa-calendar" aria-hidden="true"></i>10+</h2>
<p>Years In Business</p>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">
<h2><i class="fa fa-map-marker" aria-hidden="true"></i></h2><p>Only
in</p><h2> Tamilnadu</h2>
<p>Service Available</p>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">
```

```
<h2><i class="fa fa-car" aria-hidden="true"></i>12</h2>
<p>Cars Available</p>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">
<h2><i class="fa fa-user-circle-o" aria-hidden="true"></i>800+</h2>
<p>Satisfied Customers</p>
</div>
</div>
</div>
</div>
</div>
<!-- Dark Overlay-->
<div class="dark-overlay"></div>
</section>
<!-- /Fun Facts-->

<!--Testimonial -->
<section class="section-padding testimonial-section parallex-bg">

<div class="container div_zindex">
<div class="section-header white-text text-center">
<h2>Our Satisfied <span>Customers</span></h2>
</div>
<div class="row">
<div id="testimonial-slider">
<?php
$tid=1;
$sql = "SELECT tbltestimonial.Testimonial,tblusers.FullName from
tbltestimonial join tblusers on tbltestimonial.UserEmail=tblusers.EmailId where
tbltestimonial.status=:tid limit 4";
$query = $dbh -> prepare($sql);
$query->bindParam(':tid',$tid, PDO::PARAM_STR);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
```

```
{
foreach($results as $result)
{  ?>


<div class="testimonial-m">

<div class="testimonial-content">
<div class="testimonial-heading">
<h5><?php echo htmlentities($result->FullName);?></h5>
<p><?php echo htmlentities($result->Testimonial);?></p>
</div>
</div>
</div>
<?php }} ?>


</div>
</div>
</div>
<!-- Dark Overlay-->
<div class="dark-overlay"></div>

</section>
<!-- /Testimonial-->


<!--Footer -->
<?php include('includes/footer.php');?>
<!-- /Footer-->

<!--Back to top-->
<div id="back-top" class="back-top"><a href="#top"><i class="fa fa-angle-up"
aria-hidden="true"></i></a></div>
<!--/Back to top-->

<!--Login-Form -->
<?php include('includes/login.php');?>
<!--/Login-Form -->
```

```
<!--Register-Form -->
<?php include('includes/registration.php');?>

<!--/Register-Form -->

<!--Forgot-password-Form -->
<?php include('includes/forgotpassword.php');?>
<!--/Forgot-password-Form -->

<!-- Scripts -->
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/interface.js"></script>
<!--Switcher-->
<script src="assets/switcher/js/switcher.js"></script>
<!--bootstrap-slider-JS-->
<script src="assets/js/bootstrap-slider.min.js"></script>
<!--Slider-JS-->
<script src="assets/js/slick.min.js"></script>
<script src="assets/js/owl.carousel.min.js"></script>
</body>

<!-- Mirrored from themes.webmasterdriver.net/carforyou/demo/index.html by
HTTrack Website Copier/3.x [XR&CO'2014], Fri, 16 Jun 2017 07:22:11 GMT --
>
</html>
//vehicle-details.php
<?php
session_start();
include('includes/config.php');
error_reporting(0);
if(isset($_POST['submit']))
{
$fromdate=$_POST['fromdate'];
$todate=$_POST['todate'];
$fromp=$_POST['from'];
$top=$_POST['to'];
$message=$_POST['message'];
$num=1;
$useremail=$_SESSION['login'];
```

```
$status=0;
$vhid=$_GET['vhid'];
$ptime=$_POST['ptime'];
$dtime=$_POST['dtime'];
$date=date("Y-m-d");

$kq="SELECT * FROM tbldistricts WHERE name=:top";
$q5 = $dbh -> prepare($kq);
$q5->bindParam(':top',$top, PDO::PARAM_STR);
$q5->execute();
$r5=$q5->fetchAll(PDO::FETCH_OBJ);
foreach($r5 as $rs5)
{
$km=$rs5->km;
}
$bookingno=mt_rand(100000000, 999999999);
$ret="SELECT * FROM tblbooking where (:fromdate BETWEEN
date(FromDate) and date(ToDate) || :todate BETWEEN date(FromDate) and
date(ToDate) || date(FromDate) BETWEEN :fromdate and :todate) and
VehicleId=:vhid";
$query1 = $dbh -> prepare($ret);

$query1->bindParam(':vhid',$vhid, PDO::PARAM_STR);
$query1->bindParam(':fromdate',$fromdate,PDO::PARAM_STR);
$query1->bindParam(':todate',$todate,PDO::PARAM_STR);
$query1->execute();
$results1=$query1->fetchAll(PDO::FETCH_OBJ);

if($date > $fromdate || $date > $todate)
{
echo "<script>alert('Please enter correct date.');</script>";
 echo "<script type='text/javascript'> document.location = 'vehical-
details.php?vhid=$vhid'; </script>";
}

$date1=date_create("$fromdate");
$date2=date_create("$todate");
$diff=date_diff($date1,$date2);
$res=$diff->format("%R%a days");
if($res>10 || $res<0){
```

```
 echo "<script>alert('Totaldays should not exceed 10 days.Please enter
correctly!!');</script>";
 echo "<script type='text/javascript'> document.location = 'vehical-
details.php?vhid=$vhid'; </script>";
}

$qs="select sum(tblbooking.numberofvehicle) as bnov,
tblvehicles.numberofvehicle as vnov from tblbooking join tblvehicles on
tblvehicles.id=tblbooking.VehicleId where tblbooking.VehicleId=:vhid";
$query2 = $dbh -> prepare($qs);
$query2->bindParam(':vhid',$vhid, PDO::PARAM_STR);
$query2->execute()or die('error');
$results2=$query2->fetchAll(PDO::FETCH_OBJ);
foreach($results2 as $result2)
{
$n1=$result2->bnov;
$n2=$result2->vnov;
if($n1>$n2 || $n1==$n2)
{
 echo "<script>alert('This type of Cars are already booked.Please try another
car!!');</script>";

 echo "<script type='text/javascript'> document.location = 'car-listing.php';
</script>";
}

else
{
if($query1->rowCount()==0 )
{
// echo "<script>alert('Car available for these days. You can book
now.');</script>";
 //echo "<script type='text/javascript'> document.location = 'vehical-
details.php?vhid=$vhid'; </script>";
if($fromp=="Thoothukudi")
{
$sql="INSERT INTO
tblbooking(BookingNumber,userEmail,VehicleId,FromDate,ToDate,message,St
atus,numberofvehicle,FromPlace,ToPlace,Km,ptime,dtime)
```

```
VALUES(:bookingno,:useremail,:vhid,:fromdate,:todate,:message,:status,:num,:f
romp,:top,:km,:ptime,:dtime)";
//$sql="INSERT INTO tblbooking(From,To) VALUES(:from,:to)";

$query = $dbh->prepare($sql);
$query->bindParam(':bookingno',$bookingno,PDO::PARAM_STR);
$query->bindParam(':useremail',$useremail,PDO::PARAM_STR);
$query->bindParam(':vhid',$vhid,PDO::PARAM_STR);
$query->bindParam(':fromdate',$fromdate,PDO::PARAM_STR);
$query->bindParam(':todate',$todate,PDO::PARAM_STR);
$query->bindParam(':ptime',$ptime,PDO::PARAM_STR);
$query->bindParam(':dtime',$dtime,PDO::PARAM_STR);
$query->bindParam(':message',$message,PDO::PARAM_STR);
$query->bindParam(':status',$status,PDO::PARAM_STR);
$query->bindParam(':num',$num,PDO::PARAM_STR);
$query->bindParam(':fromp',$fromp,PDO::PARAM_STR);
$query->bindParam(':top',$top,PDO::PARAM_STR);
$query->bindParam(':km',$km,PDO::PARAM_STR);
$query->execute();

$lastInsertId = $dbh->lastInsertId();


if($lastInsertId)
{
echo "<script>alert('Booking successfull.');</script>";
echo "<script type='text/javascript'> document.location = 'my-booking.php';
</script>";
}
else
{
echo "<script>alert('Something went wrong. Please try again!');</script>";
 echo "<script type='text/javascript'> document.location = 'vehical-
details.php?vhid=$vhid'; </script>";
}
}
else{
echo "<script>alert('Car availble from Thoothukudi only.');</script>";
echo "<script type='text/javascript'> document.location = 'vehical-
details.php?vhid=$vhid'; </script>";
```

```
}

}  else{
 echo "<script>alert('Car already booked for these days');</script>";
 echo "<script type='text/javascript'> document.location = 'vehical-
details.php?vhid=$vhid'; </script>";
}
}
}



}

?>


<!DOCTYPE HTML>
<html lang="en">
<head>
<title>Car Rental | Vehicle Details</title>
<!--Bootstrap -->

<link rel="stylesheet" href="assets/css/bootstrap.min.css" type="text/css">
<!--Custome Style -->
<link rel="stylesheet" href="assets/css/style.css" type="text/css">
<!--OWL Carousel slider-->
<link rel="stylesheet" href="assets/css/owl.carousel.css" type="text/css">
<link rel="stylesheet" href="assets/css/owl.transitions.css" type="text/css">
<!--slick-slider -->
<link href="assets/css/slick.css" rel="stylesheet">
<!--bootstrap-slider -->
<link href="assets/css/bootstrap-slider.min.css" rel="stylesheet">
<!--FontAwesome Font Style -->
<link href="assets/css/font-awesome.min.css" rel="stylesheet">
<!-- SWITCHER -->
                <link rel="stylesheet" id="switcher-css" type="text/css"
href="assets/switcher/css/switcher.css" media="all" />
```

```
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/red.css" title="red" media="all" data-default-
color="true" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/orange.css" title="orange" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/blue.css" title="blue" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/pink.css" title="pink" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/green.css" title="green" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/purple.css" title="purple" media="all" />
<link rel="apple-touch-icon-precomposed" sizes="144x144"
href="assets/images/favicon-icon/apple-touch-icon-144-precomposed.png">
<link rel="apple-touch-icon-precomposed" sizes="114x114"
href="assets/images/favicon-icon/apple-touch-icon-114-precomposed.html">
<link rel="apple-touch-icon-precomposed" sizes="72x72"
href="assets/images/favicon-icon/apple-touch-icon-72-precomposed.png">
<link rel="apple-touch-icon-precomposed" href="assets/images/favicon-
icon/apple-touch-icon-57-precomposed.png">
<link rel="shortcut icon" href="assets/images/favicon-icon/favicon.png">
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900"
rel="stylesheet">

</head>
<body>

<!-- Start Switcher -->
<?php include('includes/colorswitcher.php');?>
<!-- /Switcher -->

<!--Header-->
<?php include('includes/header.php');?>
<!-- /Header -->

<!--Listing-Image-Slider-->

<?php
$vhid=intval($_GET['vhid']);
```

```
$sql = "SELECT tblvehicles.*,tblbrands.BrandName,tblbrands.id as bid  from tblvehicles join tblbrands on tblbrands.id=tblvehicles.VehiclesBrand where tblvehicles.id=:vhid";
$query = $dbh -> prepare($sql);
$query->bindParam(':vhid',$vhid, PDO::PARAM_STR);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{
$_SESSION['brndid']=$result->bid;
?>
<section id="listing_img_slider">
<div><img src="admin/img/vehicleimages/<?php echo htmlentities($result->Vimage1);?>" class="img-responsive" alt="image" width="900" height="560"></div>
<div><img src="admin/img/vehicleimages/<?php echo htmlentities($result->Vimage2);?>" class="img-responsive" alt="image" width="900" height="560"></div>
<div><img src="admin/img/vehicleimages/<?php echo htmlentities($result->Vimage3);?>" class="img-responsive" alt="image" width="900" height="560"></div>

<div><img src="admin/img/vehicleimages/<?php echo htmlentities($result->Vimage4);?>" class="img-responsive"  alt="image" width="900" height="560"></div>
<?php if($result->Vimage5=="")
{

} else {
  ?>
<div><img src="admin/img/vehicleimages/<?php echo htmlentities($result->Vimage5);?>" class="img-responsive" alt="image" width="900" height="560"></div>
<?php } ?>
</section>
<!--/Listing-Image-Slider-->
```

```
<!--Listing-detail-->
<section class="listing-detail">
<div class="container">
<div class="listing_detail_head row">
<div class="col-md-9">
<h2><?php echo htmlentities($result->BrandName);?> , <?php echo
htmlentities($result->VehiclesTitle);?></h2>
</div>
<div class="col-md-3">
<div class="price_info">
<p>Rs.<?php echo htmlentities($result->PricePerKm);?>/Km </p>

</div>
</div>
</div>
<div class="row">
<div class="col-md-9">
<div class="main_features">
<ul>
<li><i class="fa fa-calendar" aria-hidden="true"></i>
<h5><?php echo htmlentities($result->ModelYear);?></h5>
<p>Reg.Year</p>
</li>

<li><i class="fa fa-cogs" aria-hidden="true"></i>
<h5><?php echo htmlentities($result->FuelType);?></h5>
<p>Fuel Type</p>
</li>

<li><i class="fa fa-user-plus" aria-hidden="true"></i>
<h5><?php echo htmlentities($result->SeatingCapacity);?></h5>
<p>Seats</p>
</li>

<li><i class="fa fa-car" aria-hidden="true"></i>
<h5><?php echo htmlentities($result->numberofvehicle);?></h5>
<p>Vehicles</p>
</li>
<li><i class="fa fa-car" aria-hidden="true"></i>
```

```
<?php
$qs1="select sum(tblbooking.numberofvehicle) as bnov,
tblvehicles.numberofvehicle as vnov from tblbooking join tblvehicles on
tblvehicles.id=tblbooking.VehicleId where tblbooking.VehicleId=:vhid";
$query3 = $dbh -> prepare($qs1);
$query3->bindParam(':vhid',$vhid, PDO::PARAM_STR);
$query3->execute()or die('error');
$results3=$query3->fetchAll(PDO::FETCH_OBJ);
foreach($results3 as $result3)
{
$n1=$result3->bnov;
$n2=$result3->vnov;
$n3=$n2-$n1;
echo "<h5> $n3 </h5>";
}
?>
<p> Available Vehicles</p>
</li>
</ul>
</div>
<div class="listing_more_info">
<div class="listing_detail_wrap">
<!-- Nav tabs -->
<ul class="nav nav-tabs gray-bg" role="tablist">

<li role="presentation" class="active"><a href="#vehicle-overview " aria-
controls="vehicle-overview" role="tab" data-toggle="tab">Vehicle Overview
</a></li>

<li role="presentation"><a href="#accessories" aria-controls="accessories"
role="tab" data-toggle="tab">Accessories</a></li>
</ul>

<!-- Tab panes -->
<div class="tab-content">
<!-- vehicle-overview -->
<div role="tabpanel" class="tab-pane active" id="vehicle-overview">

<p><?php echo htmlentities($result->VehiclesOverview);?></p>
</div>
```

```
<!-- Accessories -->
<div role="tabpanel" class="tab-pane" id="accessories">
<!--Accessories-->
<table>
<thead>
<tr>
<th colspan="2">Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Conditioner</td>
<?php if($result->AirConditioner==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?></tr>
<tr>
<td>AntiLock Braking System</td>
<?php if($result->AntiLockBrakingSystem==1)

{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else {?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>

<tr>
<td>Power Steering</td>
<?php if($result->PowerSteering==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
```

```
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>


<tr>

<td>Power Windows</td>

<?php if($result->PowerWindows==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>
<tr>
<td>CD Player</td>
<?php if($result->CDPlayer==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>

<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>

<tr>
<td>Leather Seats</td>
<?php if($result->LeatherSeats==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>
```

```
<tr>
<td>Central Locking</td>
<?php if($result->CentralLocking==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>
<tr>
<td>Power Door Locks</td>
<?php if($result->PowerDoorLocks==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>
<tr>
<td>Brake Assist</td>
<?php if($result->BrakeAssist==1)
{

?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php  } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>

<tr>
<td>Driver Airbag</td>
<?php if($result->DriverAirbag==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
```

```
<?php } ?>
</tr>

<tr>
<td>Passenger Airbag</td>
<?php if($result->PassengerAirbag==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else {?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>

<tr>
<td>Crash Sensor</td>
<?php if($result->CrashSensor==1)
{
?>
<td><i class="fa fa-check" aria-hidden="true"></i></td>
<?php } else { ?>
<td><i class="fa fa-close" aria-hidden="true"></i></td>
<?php } ?>
</tr>

</tbody>
</table>
</div>
</div>
</div>

</div>
<?php }} ?>

</div>

<!--Side-Bar-->
<aside class="col-md-3">
<div class="share_vehicle">
```

```
<p>Share: <a href="#"><i class="fa fa-facebook-square" aria-
hidden="true"></i></a><a href="#"><i class="fa fa-twitter-square" aria-
hidden="true"></i></a><a href="#"><i class="fa fa-linkedin-square" aria-
hidden="true"></i></a><a href="#"><i class="fa fa-google-plus-square" aria-
hidden="true"></i></a></p>
</div>
<div class="sidebar_widget">
<div class="widget_heading">
<h5><i class="fa fa-envelope" aria-hidden="true"></i>Book Now</h5>
</div>
<form method="post">
<div class="form-group">
<h7>NOTE:</h7>
<label>Vehicles are available for only 10 days & You can book for one vehicle
at a time.</label>
</div>
<div class="form-group">
<label>From Date:</label>
<input type="date" class="form-control" name="fromdate" placeholder="From
Date" required >
</div>
<div class="form-group">
<label>To Date:</label>
<input type="date" class="form-control" name="todate" placeholder="To Date"
required >

</div>
<div class="form-group">
<label>Pickup Time:</label>
<input type="time" class="form-control" name="ptime"
placeholder="PickupTime" required >
<label>Dropoff Time:</label>
<input type="time" class="form-control" name="dtime"
placeholder="DropupTime" required >
</div>
<div class="form-group">
<label>From:</label>
<input type="text" class="form-control" name="from" value="Thoothukudi"
readonly required>
</div>
```

```
<div class="form-group">
<label>To:</label>
<select class="form-control" name="to" required>
<option>Select Place</option>
<?php
$d="SELECT * FROM tbldistricts";
$q= $dbh -> prepare($d);
$q->execute();
$res=$q->fetchAll(PDO::FETCH_OBJ);
if($q->rowCount() > 0)
{
foreach($res as $ress)
{
?>
<option value="<?php echo htmlentities($ress->name);?>"><?php echo
htmlentities($ress->name);?></option>
<?php }} ?>
</select>
</div>
<!-- <div class="form-group">
<label>Trip Type:</label>
<div class="checkbox checkbox-inline">
<input type="radio" class="form-control" name="type" value="one-way">One-
Way Trip
</div>

<div class="checkbox checkbox-inline">
<input type="radio" class="form-control" name="type" value="round">Round
Trip
</div>
</div>-->
<!--<div class="form-group">
<label>Message:</label>
<textarea rows="4" class="form-control" name="message"
placeholder="Message" ></textarea>
</div>-->

<?php if($_SESSION['login'])
        {?>
```

```
<div class="form-group">
<input type="submit" class="btn"  name="submit" value="Book Now">
</div>
<!--<a href="#bookform" class="btn btn-xs uppercase" data-toggle="modal"
data-dismiss="modal">Book Now</a> -->

<?php } else { ?>
<a href="#loginform" class="btn btn-xs uppercase" data-toggle="modal" data-
dismiss="modal">Login For Book</a>

<?php } ?>
</form>
</div>
</aside>
<!--/Side-Bar-->
</div>

<div class="space-20"></div>
<div class="divider"></div>
<!--Similar-Cars-->
<div class="similar_cars">
<h3>Similar Cars</h3>
<div class="row">
<?php

$bid=$_SESSION['brndid'];
$sql="SELECT
tblvehicles.VehiclesTitle,tblbrands.BrandName,tblvehicles.PricePerKm,tblvehicl
es.numberofvehicle,tblvehicles.FuelType,tblvehicles.ModelYear,tblvehicles.id,tb
lvehicles.SeatingCapacity,tblvehicles.VehiclesOverview,tblvehicles.Vimage1
from tblvehicles join tblbrands on tblbrands.id=tblvehicles.VehiclesBrand where
tblvehicles.VehiclesBrand=:bid";
$query = $dbh -> prepare($sql);
$query->bindParam(':bid',$bid, PDO::PARAM_STR);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
```

```
{ ?>
<div class="col-md-3 grid_listing">
<div class="product-listing-m gray-bg">
<div class="product-listing-img"><a href="vehical-details.php?vhid=<?php
echo htmlentities($result->id);?>"><img src="admin/img/vehicleimages/<?php
echo htmlentities($result->Vimage1);?>" class="img-responsive" alt="image"
/></a>
</div>
<div class="product-listing-content">
<h5><a href="vehical-details.php?vhid=<?php echo htmlentities($result-
>id);?>"><?php echo htmlentities($result->BrandName);?> , <?php echo
htmlentities($result->VehiclesTitle);?></a></h5>
<!--<p class="list-price">Rs.<?php echo htmlentities($result-
>PricePerKm);?>/Km</p>-->

<ul class="features_list">
<li><i class="fa fa-user" aria-hidden="true"></i><?php echo
htmlentities($result->SeatingCapacity);?> seats</li>
<li><i class="fa fa-calendar" aria-hidden="true"></i><?php echo
htmlentities($result->ModelYear);?> model</li>
<li><i class="fa fa-car" aria-hidden="true"></i><?php echo htmlentities($result-
>FuelType);?></li>
<li><i class="fa fa-car" aria-hidden="true"></i><?php echo htmlentities($result-
>numberofvehicle);?></li>

</ul>
</div>
</div>
</div>
<?php }} ?>

</div>
</div>
<!--/Similar-Cars-->

</div>
</section>
<!--/Listing-detail-->

<!--Footer -->
```

```
<?php include('includes/footer.php');?>
<!-- /Footer-->

<!--Back to top-->
<div id="back-top" class="back-top"><a href="#top"><i class="fa fa-angle-up"
aria-hidden="true"></i></a></div>
<!--/Back to top-->

<!--Login-Form -->
<?php include('includes/login.php');?>
<!--/Login-Form -->

<!--Register-Form -->
<?php include('includes/registration.php');?>

<!--/Register-Form -->
<!--Forgot-password-Form -->
<?php include('includes/forgotpassword.php');?>
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/interface.js"></script>
<script src="assets/switcher/js/switcher.js"></script>
<script src="assets/js/bootstrap-slider.min.js"></script>
<script src="assets/js/slick.min.js"></script>

<script src="assets/js/owl.carousel.min.js"></script>

</body>
</html>
//my-booking.php
<?php
session_start();
error_reporting(0);
include('includes/config.php');
if(strlen($_SESSION['login'])==0)
  {
header('location:index.php');
}
else{
?><!DOCTYPE HTML>
```

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

<title>Car Rental Portal - My Booking</title>
<!--Bootstrap -->
<link rel="stylesheet" href="assets/css/bootstrap.min.css" type="text/css">
<!--Custome Style -->
<link rel="stylesheet" href="assets/css/style.css" type="text/css">
<!--OWL Carousel slider-->
<link rel="stylesheet" href="assets/css/owl.carousel.css" type="text/css">
<link rel="stylesheet" href="assets/css/owl.transitions.css" type="text/css">
<!--slick-slider -->
<link href="assets/css/slick.css" rel="stylesheet">
<!--bootstrap-slider -->
<link href="assets/css/bootstrap-slider.min.css" rel="stylesheet">
<!--FontAwesome Font Style -->
<link href="assets/css/font-awesome.min.css" rel="stylesheet">
<!-- SWITCHER -->
		<link rel="stylesheet" id="switcher-css" type="text/css"
href="assets/switcher/css/switcher.css" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/red.css" title="red" media="all" data-default-
color="true" />

		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/orange.css" title="orange" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/blue.css" title="blue" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/pink.css" title="pink" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/green.css" title="green" media="all" />
		<link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/purple.css" title="purple" media="all" />

<!-- Fav and touch icons -->
<link rel="apple-touch-icon-precomposed" sizes="144x144"
href="assets/images/favicon-icon/apple-touch-icon-144-precomposed.png">
<link rel="apple-touch-icon-precomposed" sizes="114x114"
href="assets/images/favicon-icon/apple-touch-icon-114-precomposed.html">
```

```
<link rel="apple-touch-icon-precomposed" sizes="72x72"
href="assets/images/favicon-icon/apple-touch-icon-72-precomposed.png">
<link rel="apple-touch-icon-precomposed" href="assets/images/favicon-
icon/apple-touch-icon-57-precomposed.png">
<link rel="shortcut icon" href="assets/images/favicon-icon/favicon.png">
<!-- Google-Font-->
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900"
rel="stylesheet">
<!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
queries -->
<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
<!--[if lt IE 9]>
<script
src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
<script
src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
<![endif]-->
</head>
<body>
<!-- Start Switcher -->
<?php include('includes/colorswitcher.php');?>
<!-- /Switcher -->


<!--Header-->
<?php include('includes/header.php');?>
<!--Page Header-->
<!-- /Header -->

<!--Page Header-->
<section class="page-header profile_page">
<div class="container">
<div class="page-header_wrap">
<div class="page-heading">
<h1>My Booking</h1>
</div>
<ul class="coustom-breadcrumb">
<li><a href="#">Home</a></li>
<li>My Booking</li>
</ul>
```

```
</div>
</div>
<!-- Dark Overlay-->
<div class="dark-overlay"></div>
</section>
<!-- /Page Header-->
<?php
$useremail=$_SESSION['login'];
$sql = "SELECT * from tblusers where EmailId=:useremail";
$query = $dbh -> prepare($sql);
$query -> bindParam(':useremail',$useremail, PDO::PARAM_STR);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{ ?>
<section class="user_profile inner_pages">
<div class="container">
<div class="user_profile_info gray-bg padding_4x4_40">
<div class="upload_user_logo"><img src="assets/images/dealer-logo.jpg"
alt="image">

</div>

<div class="dealer_info">
<h5><?php echo htmlentities($result->FullName);?></h5>
<p><?php echo htmlentities($result->Address);?><br>
<?php echo htmlentities($result->City);?> <?php echo
htmlentities($result->Country); }}?></p>
</div>
</div>
<div class="row">
<div class="col-md-3 col-sm-3">
<?php include('includes/sidebar.php');?>

<div class="col-md-8 col-sm-8">
<div class="profile_wrap">
<h5 class="uppercase underline">My Booiknqs </h5>
```

```
<div class="my_vehicles_list">
<ul class="vehicle_listing">
<?php
$useremail=$_SESSION['login'];
 $sql = "SELECT tblvehicles.Vimage1 as
Vimage1,tblvehicles.VehiclesTitle,tblvehicles.id as
vid,tblbrands.BrandName,tblvehicles.extracharge,tblbooking.ptime,tblbooking.dt
ime,tblbooking.pstatus,tblbooking.FromDate,tblbooking.ToDate,tblbooking.Km,
tblbooking.FromPlace,tblbooking.ToPlace,tblbooking.message,tblbooking.Status
,tblvehicles.extracharge,tblvehicles.PricePerKm,DATEDIFF(tblbooking.ToDate,
tblbooking.FromDate) as totaldays,tblbooking.BookingNumber  from tblbooking
join tblvehicles on tblbooking.VehicleId=tblvehicles.id join tblbrands on
tblbrands.id=tblvehicles.VehiclesBrand where
tblbooking.userEmail=:useremail";
$query = $dbh -> prepare($sql);
$query-> bindParam(':useremail', $useremail, PDO::PARAM_STR);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{  ?>

<li>
<h4 style="color:red">Booking No #<?php echo htmlentities($result-
>BookingNumber);?></h4>
<div class="vehicle_img"><a href="vehical-details.php?vhid=<?php echo
htmlentities($result->vid);?>"><img src="admin/img/vehicleimages/<?php echo
htmlentities($result->Vimage1);?>" alt="image"></a></div>
<div class="vehicle_title">

<h6><a href="vehical-details.php?vhid=<?php echo htmlentities($result-
>vid);?>"><?php echo htmlentities($result->BrandName);?> , <?php echo
htmlentities($result->VehiclesTitle);?></a></h6>
<p><b>From </b><?php echo htmlentities($result->FromPlace);?><b>To
</b><?php echo htmlentities($result->ToPlace);?></p>
<div style="float: left"><p><b>Message:</b><?php echo htmlentities($result-
>message);?></p></div>
</div>
```

```
<?php if($result->Status==1)
                { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-xs active-
btn">Confirmed</a>
<div class="clearfix"></div>
</div>

<?php } else if($result->Status==2) { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-
xs">Cancelled</a>
<div class="clearfix"></div>
</div>



<?php } else { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-xs">Not
Confirm yet</a>
<div class="clearfix"></div>
</div>
<?php } ?>

</li>


<li>
<h5 style="color:blue">Invoice</h5>
<?php if($result->pstatus==1)
                { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-xs active-
btn">Paid</a>
<div class="clearfix"></div>
</div>

<?php } else if($result->pstatus==2) { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-xs">Fully
Paid</a>
<div class="clearfix"></div>
</div>
```

```
<?php } else if($result->pstatus==0) { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-xs">Not Paid
Yet</a>
<div class="clearfix"></div>
</div>


<?php } else { ?>
<div class="vehicle_status"><a href="#" class="btn outline btn-
xs">Refunded</a>
<div class="clearfix"></div>
</div>
<?php } ?>

</li>
<table>
<tr>
<th>Car Name</th>
<th>Pickup Time</th>
<th>Dropup Time</th>
<th>From Date</th>
<th>To Date</th>
<th>Total Km</th>

<th>Total Days</th>
</tr>
<tr>
<td><?php echo htmlentities($result->VehiclesTitle);?>, <?php echo
htmlentities($result->BrandName);?></td>
<td><?php echo htmlentities($result->ptime);?></td>
<td><?php echo htmlentities($result->dtime);?></td>
<td><?php echo htmlentities($result->FromDate);?></td>
<td><?php echo htmlentities($result->ToDate);?></td>
<td><?php echo htmlentities($result->Km);?>km</td>
<td><?php echo htmlentities($result->totaldays);?></td>
</tr>
<!--<tr>
<th>Price/Km</th>
<th>Total Km</th>
<th>Total Days</th>
```

```
<th>Driver Salary/Day</th>
<th>Car's Extra Charge</th>
<th>Tax/Tollgate Price</th>
</tr>
<tr>
<td><?php echo htmlentities($ppk=$result->PricePerKm);?></td>
<td><?php echo htmlentities($tdk=$result->Km);?></td>
<td><?php echo htmlentities($tds=$result->totaldays);?></td>
<td><?php echo htmlentities($ds=1000);?></td>
<td><?php echo htmlentities($ext=$result->extracharge);?></td>
<td><?php echo htmlentities($tp=60);?></td>
</tr>-->

<?php
$ppk=$result->PricePerKm;
$tdk=$result->Km;
$tds=$result->totaldays;
$ds=1000;
$ext=$result->extracharge;
$tp=60;
$p1=$tds*$ds;
$p2=$ppk*$tdk;
$p3=$ext+$tp;

$ans=2*($p1+$p2+$p3);
$adv=$ans*25/100;
$rem=$ans-$adv;
?>
<tr>
<th colspan="6" style="text-align:center;"> Grand Total</th>
<th><?php echo htmlentities($ans);?></th>
</tr>
<td><a href="cancel.php?cb=<?php echo htmlentities($result->BookingNumber);?>" onclick="return confirm('Do you really want to Cancel this Booking')" class="btn btn-danger"> Cancel Booking</a>
</td>
<?php
if($result->pstatus!=1){ ?>
```

```
<td><a href="payment.php?pb=<?php echo htmlentities($result->BookingNumber);?>&amt=<?php echo htmlentities($ans);?>" class="btn btn-xs uppercase" data-toggle="modal" data-dismiss="modal">Pay Now</a>
</td>
<?php } ?>
</table>
<hr />
<?php }}  else { ?>
<h5 align="center" style="color:red">No booking yet</h5>
<?php } ?>


</ul>
</div>
</div>
</div>
</div>
</div>
</section>
<!--/my-vehicles-->
<?php include('includes/footer.php');?>
<!-- Scripts -->
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/interface.js"></script>

<!--Switcher-->
<script src="assets/switcher/js/switcher.js"></script>
<!--bootstrap-slider-JS-->
<script src="assets/js/bootstrap-slider.min.js"></script>
<!--Slider-JS-->
<script src="assets/js/slick.min.js"></script>
<script src="assets/js/owl.carousel.min.js"></script>
</body>
</html>
<?php } ?>
```

You might not think that programmers are artists, but programming is an extremely creative profession. It's logic-based creativity.

~John Romero

Project work on

"EXAM MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

St.Mary's College (Autonomous),Thoothukudi

(Re-accredited with A+ Grade by NAAC)

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

For the partial Fulfilment of the requirements for the award of degree in

Bachelor of Computer Science



Submitted by

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ABSTRACT

The **EXAM MANAGEMENT SYSTEM** would cover all theproblems faced in fixing the examiners for question paper setting and for evaluation and for the relevant reports by the controller of examinations. It deals with the system of monitoring the problems based on the inputs and the requirements process that take place in the respective field of Admin. It allows the administrator to post thedetails about the question paper setters and evaluators and to create database for all the courseof the various disciplines, andhelp them to choose the examiners for question paper setting and for evaluation easily.This software is specifically designed for the Office of the Controller of examinations officein anyinstitution to simplify the process of fixing the question paper setters and evaluators.This software is used for quick access of user interaction in an efficient way. All the activities are managed by admin in a simple and user-friendly way.

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INTRODUCTION

1.1 PROJECT OVERVIEW

As the Autonomous institution is conducting examinations in the institution itself, they undergo the process of fixing the examiners for question paper settings and for evaluation. This process makes it difficult to follow the databases and to generate various reports required.The manual process of appointing the eligible question paper setters and evaluators for the appropriate course is very difficult when the number of examiners and the number of courses are quite large to manage. This software focuses on appointing the question paper setters and the evaluators in a systematic manner with the large group of examiners and making it possible to select the best examiners. The Exam Management System software is useful to save time and more effectively select the question paper setters and the evaluators for various course. The purpose of this software is to completely automate the old manual procedure of selecting and managing the question paper setters and evaluators for the examination system.

1.2 OBJECTIVE

The main objective of the EXAM MANAGEMENT SYSTEM is to solve the issuesofthe conduct of examination and evaluation in a manual process. Effectively managing the procedure for setting question paper setters and evaluators.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

- ❖ The whole process of assigning the question setter and evaluator were done manually till date.
- ❖ The current existing system is verytimeconsuming.
- ❖ The chances of workloads are more incurrent system as compared to proposed system.
- ❖ As the number of courses is in hundreds that is more than 200 it is very difficult to done the process manually
- ❖ Maintaining the database and executing the queries on the databases are difficult.

2.2 PROPOSED SYSTEM

- ❖ In comparison to the present system the proposed systemwill be less time consuming and more efficient.
- ❖ The proposed system is very secure as no chances of leakages of details as it is dependent on the administration only.
- ❖ Reports on the examiners for various course will be easily generated according to the requirements.
- ❖ The records are stored and can be backup for future use.

SYSTEM REQUIREMENTS

3.SYSTEM REQUIREMENTS

3.1HARDWARE REQUIREMENTS

PROCESSOR: Intel i3 3010 & above

RAM: 4GB & above

HDD/SSD: 100GB & above

3.2SOFTWARE REQUIREMENTS

OPERATING SYSTEM: Windows

IDE: Localhost

FRONT END: HTML,CSS, JavaScript

BACK END: PHP

DATABASE: MySQL

SERVER-SIDE: WAMP

SYSTEM OVERVIEW

4.SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

ADMIN MODULE

The admin module is useful for the admin to interact especially for adding editing data from user managing all data providedby the user. Admin is responsible for all kind ofoperation such asappointing the question paper setter andevaluator and subject entry and selection.

4.2 SOFTWARE DESCRIPTION

LOCALHOST:

The term localhost is a machine which a web server can be accessed by network administrators from directly the computer.Itallows you to develop web project on your system without having to upload theproject toand internet hosted server.

Localhost is a development tool for testing if yourPHP site isrunning. Point website visitors to localhost instead and you will seewhat it looks like if they don’t have your page cached.Useful for testing changes and making sure that things still work in network interface hardware.

was a great day for them. It is unforttunate
tsomany people service

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 web serveror local storage and render the documents intomultimedia web pages. HTML describes the structure of a web page semantically and originally included cues for theappearance of the document.HTML elements are the buildingblocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded intothe rendered page. HTML provides a means to createstructured 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 anglebrackets. Tags such as <img>> and <input /> directly introducecontent into the page. Other tags such as <p> surround and provideinformation 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 ascripting languagesuch as JavaScript, which affects the behavior andcontent of web pages. The inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), a formermaintainer of the HTML and current maintainer of the standards, hasencouraged the use of CSS over explicit presentational HTML since1997.

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 predictable. The CSS specifications are maintained bythe World Wide Web

Consortium (W3C). Internet media type(MIME type) text/CSS is registered for use with CSS by RFC 2318 (March 1998). TheW3C operates a free CSS validation service for CSS documents.

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 PHPreferenceimplementation 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.

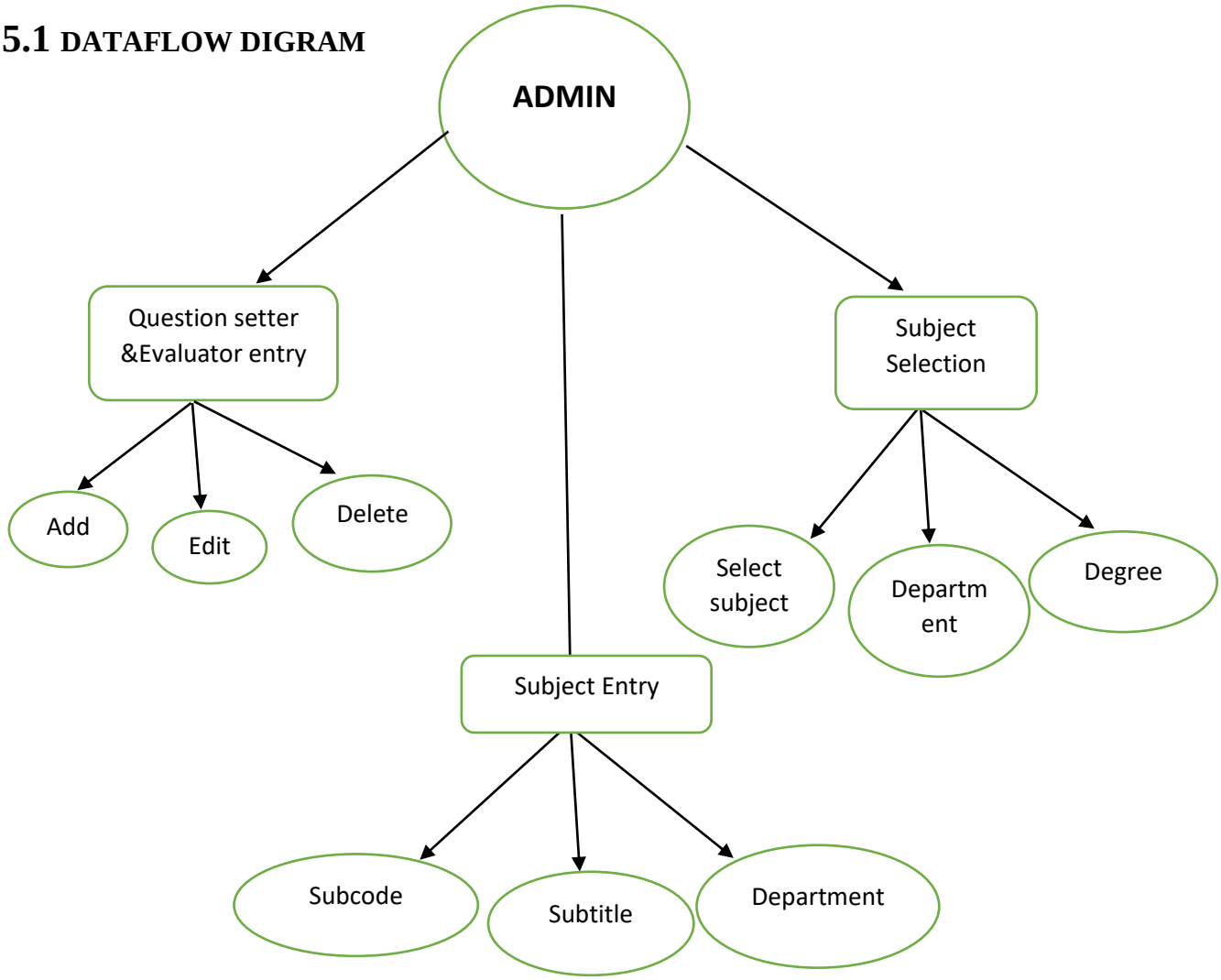
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

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

SYSTEM DESIGN

5.SYSTEM DESIGN

5.1 DATAFLOW DIGRAM



5.2 DATABASEDESIGN

Table name: question_setter

Field Name	Type	Description
id	INT	Unique id
name	VARCHAR	Name of professors
course	VARCHAR	Category of courses
experience	INT	Carrier experience
college	VARCHAR	Working Institution
mail	VARCHAR	Professor email
designation	VARCHAR	Designation of professor
subexp	INT	Subject experience
state	VARCHAR	Professor state
phone	INT	Professor contact
university	VARCHAR	University name
gender	VARCHAR	Professor gender
age	INT	Professor age

Table name: Valuator

Field Name	Type	Description
Id	INT	Unique id
Name	VARCHAR	Evaluator's name

Course	VARCHAR	Category of courses
experience	INT	Carrier experience
college	VARCHAR	College name
Mail	VARCHAR	Evaluator mail
designation	VARCHAR	Designation of the evaluator
subexp	INT	Year of experience
State	VARCHAR	Evaluator state
phone	INT	Evaluator contact
university	VARCHAR	University name
gender	VARCHAR	Evaluator gender
age	INT	Evaluator age

Table name:subjects

Field Name	Type	Description
Id	INT	Unique Id
subid	VARCHAR	Subject code
course	VARCHAR	Category of courses
dept	VARCHAR	Department name
type	VARCHAR	Subject type

Table name:report

Field name	Type	Description
Id	INT	Unique id
Name	VARCHAR	Professor name
Course	VARCHAR	Category of courses
Mail	VARCHAR	Professor Email
Phone	INT	Professor phone no
Experience	VARCHAR	Carrier experience

5.3 Input Design:

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

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 basic on which they evaluate the usefulness of the software.

SYSTEM TESTING AND IMPLEMENTION

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 productor service under test**.**

- ❖ Meets the requirements that guided its design and development.
- ❖ Works as expected.
- ❖ Can be implemented with the same characteristics.
- ❖ 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.Implementationis the process that yields the lowestlevel system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes offorming, 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 managementprocesses may be required.

The purpose of the implementation process is todesign and create (or fabricate) a system element conforming tothe 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 processes.

1. Verification Testing

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

2. Validation testing

It runs the system in a live environment using realdata. This issometimes called beta testing. During this validation, you will test thefollowing:

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

- Backup and recovery tests

4. Unit Testing

An activity unit test is an excellent way to quickly verify the state of an Activity and its interactions with othercomponents 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.

5. Integration Testing

In integration testing, the tested modules are combinedinto 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. Thedifferent modules were linked together and integration testingis done on them.

CONCLUSION

7. CONCLUSION

The Examination Management Systemmeets theobjectives of the system which it has been developed.The system is tested for valid outputs and all bugs havebeen eliminated. The system is operated ata high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem and was intended to solve the requirements specification.

FUTURE ENHANCEMENT

8. FUTURE ENHANCEMENT

There is scope for the future development of thisproject. The world of computer fields is not static, it is alwayssubject to be dynamic. The technology which is famous todaybecomes outdated the very next day. To keep abstract oftechnical improvements, the system may be further refined. Hence, furtherenhancements is possible.

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

- Updating fields in the tables.
- Tables for generating reports.
- Reports on the payment of the question paper setters and for evaluators.
- Various reports on the process of evaluation.
  - Number of days evaluated
  - Any shortcomings in the evaluation.
  - Number of papers evaluated by eachevaluators.
  - In order to select the examiner which is done manually in this process may be automated.
- Reports can be developed further for future use.

.

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9.BIBLIOGRAPHY

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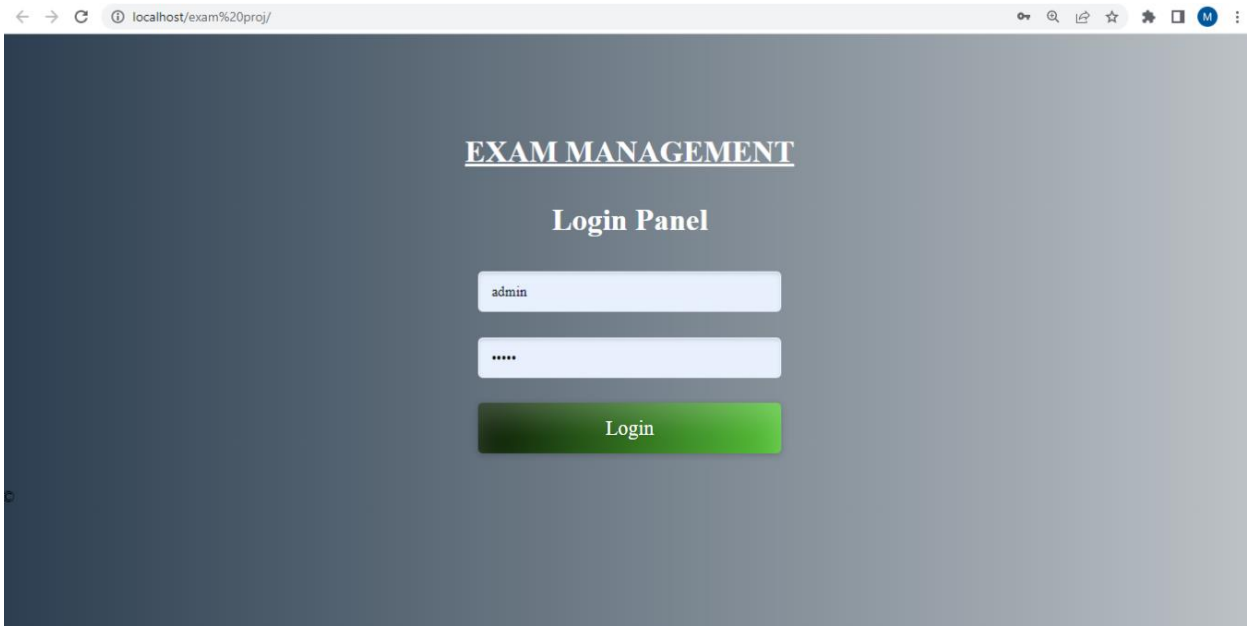
4.https://GitHub.com

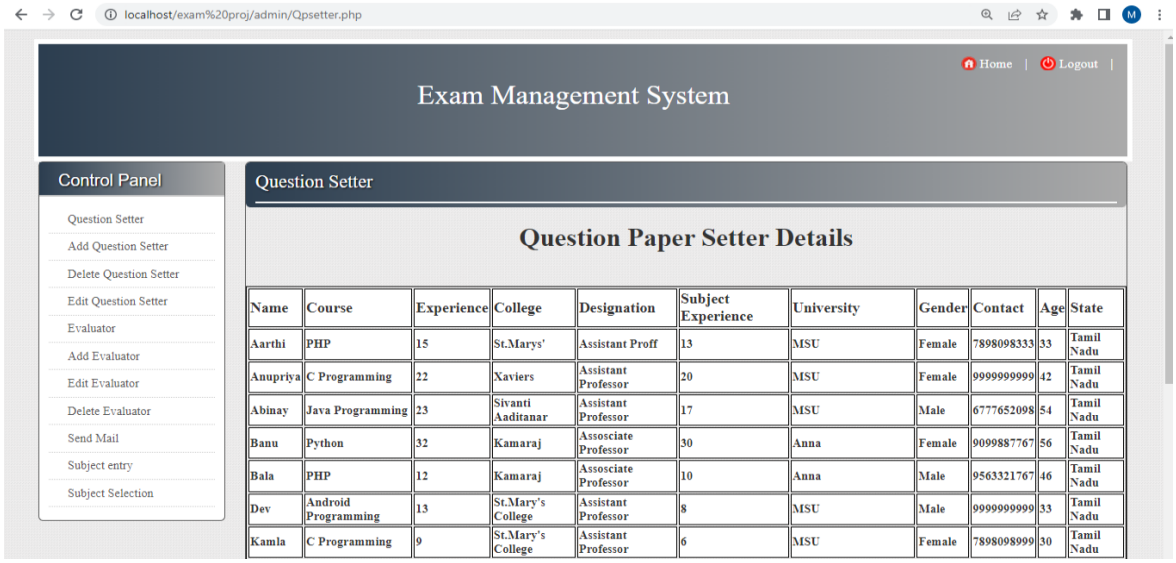
5.https://www.Linkedin.com

APPENDIX

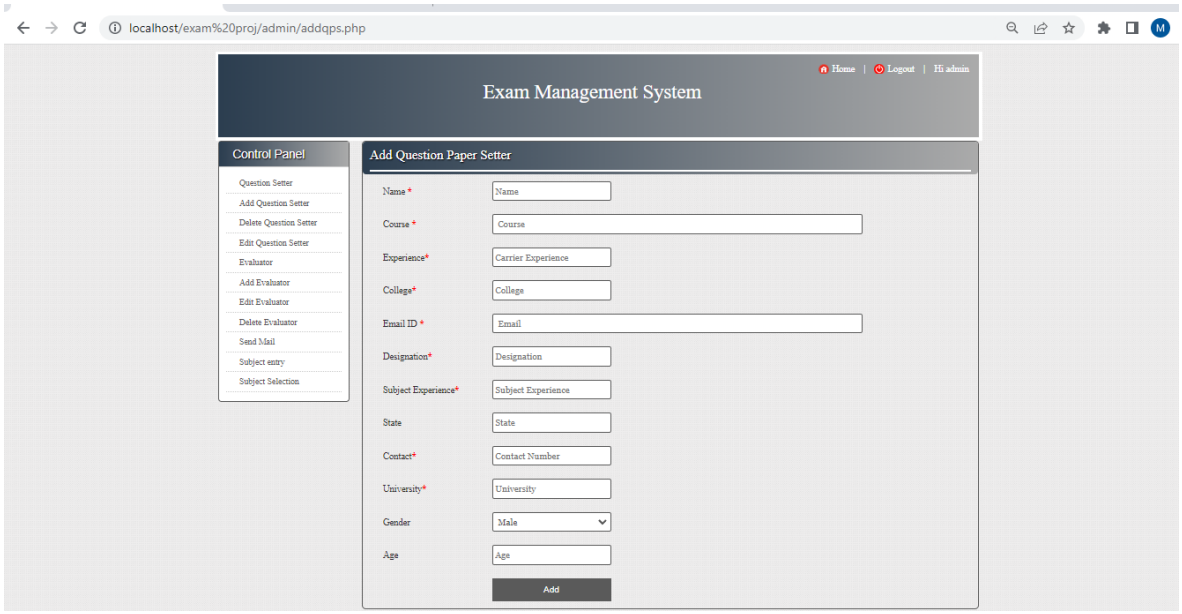
10.APPENDIX

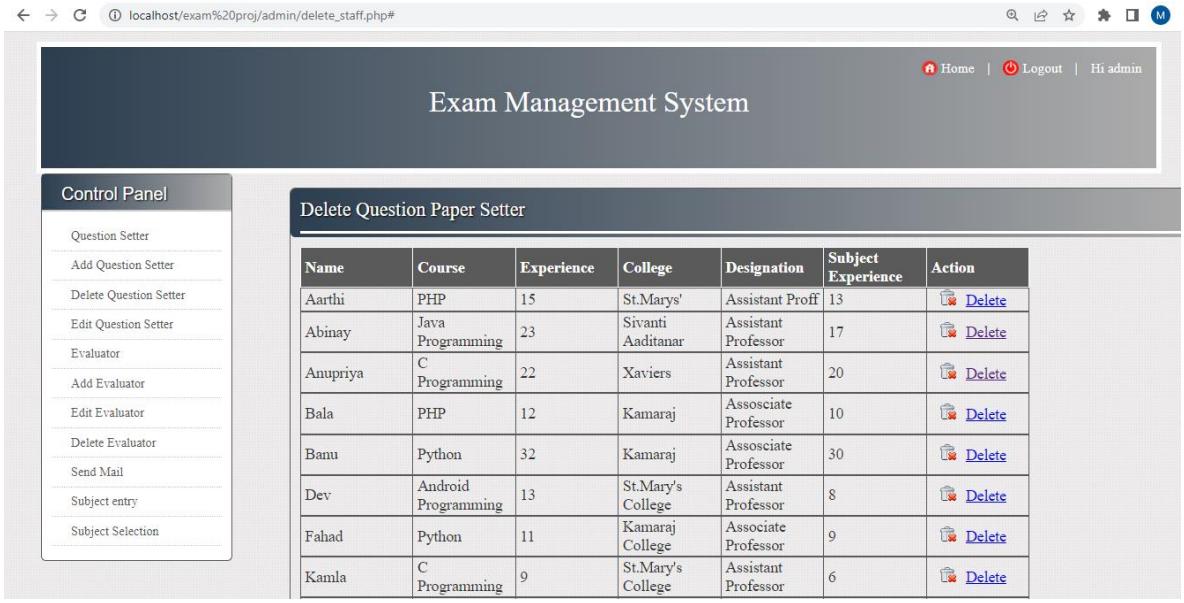
A.SCREENSHOTS

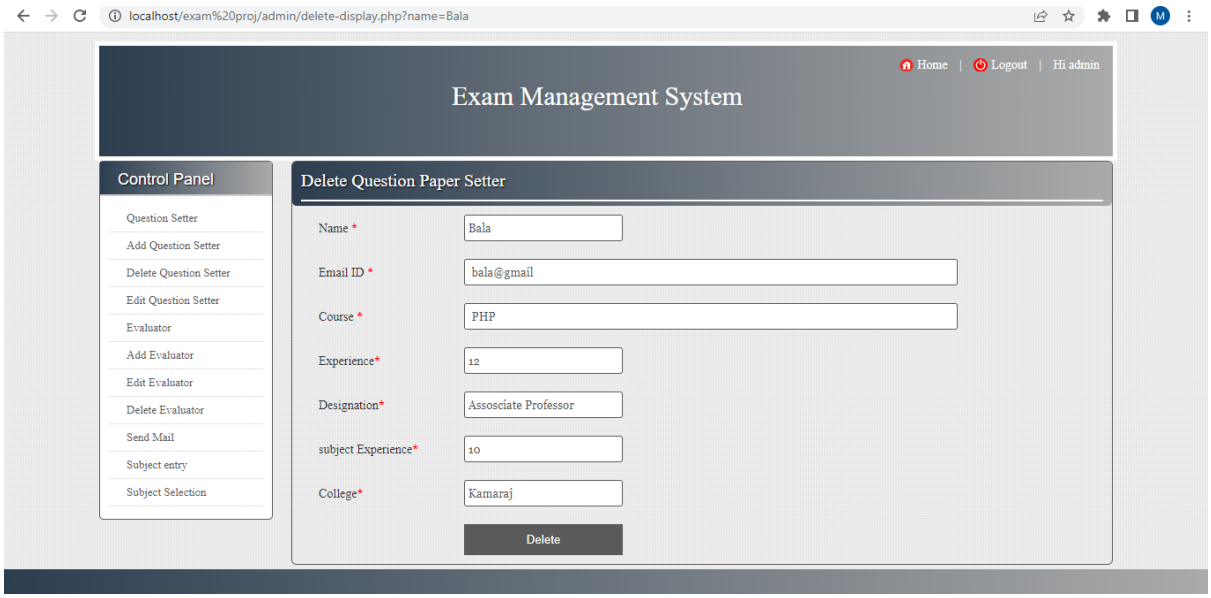


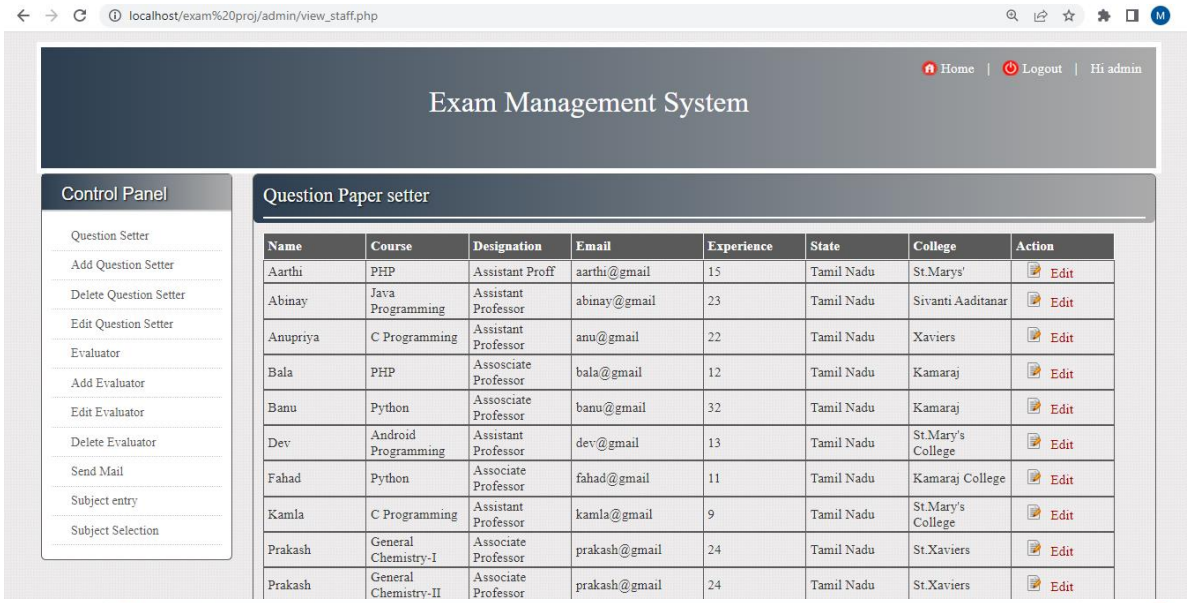


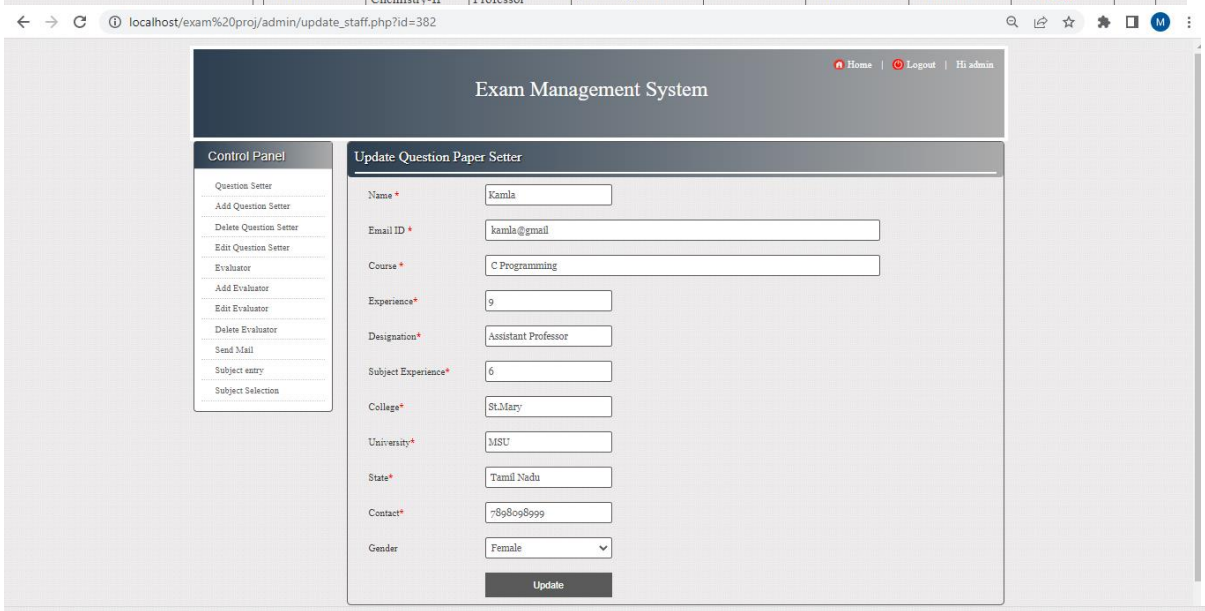
Name	Course	Experience	College	Designation	Subject Experience	University	Gender	Contact	Age	State
Aarthi	PHP	15	St.Marys'	Assistant Proff	13	MSU	Female	7898098333	33	Tamil Nadu
Anupriya	C Programming	22	Xaviers	Assistant Professor	20	MSU	Female	9999999999	42	Tamil Nadu
Abinay	Java Programming	23	Sivanti Aaditanar	Assistant Professor	17	MSU	Male	6777652098	54	Tamil Nadu
Banu	Python	32	Kamaraj	Assosciate Professor	30	Anna	Female	9099887767	56	Tamil Nadu
Bala	PHP	12	Kamaraj	Assosciate Professor	10	Anna	Male	9563321767	46	Tamil Nadu
Dev	Android Programming	13	St.Mary's College	Assistant Professor	8	MSU	Male	9999999999	33	Tamil Nadu
Kamla	C Programming	9	St.Mary's College	Assistant Professor	6	MSU	Female	7898098999	30	Tamil Nadu

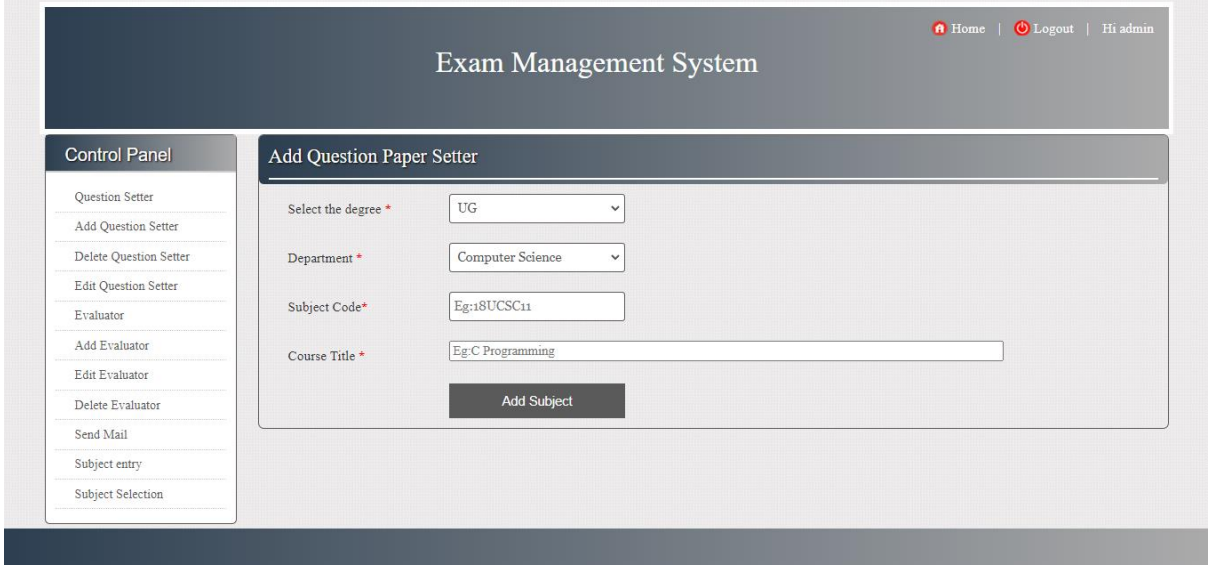

localhost/exam%20proj/admin/addqps.php
Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Add Question Paper Setter
Name *
Course *
Experience*
College*
Email ID *
Designation*
Subject Experience*
State
Contact*
University*
Gender
Male
Age
Add

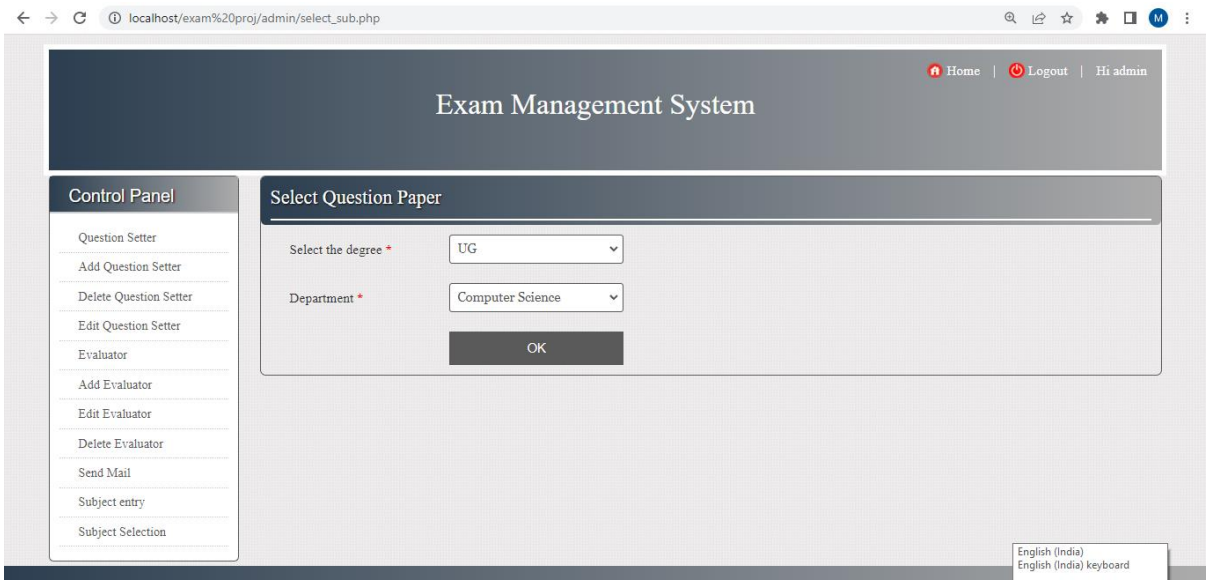

localhost/exam%20proj/admin/delete_staff.php#
Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Delete Question Paper Setter
Name
Course
Experience
College
Designation
Subject Experience
Action
Aarthi PHP 15 St.Marys' Assistant Proff 13 Delete
Abinay Java Programming 23 Sivanti Aaditanar Assistant Professor 17 Delete
Anupriya C Programming 22 Xaviers Assistant Professor 20 Delete
Bala PHP 12 Kamaraj Assosciate Professor 10 Delete
Banu Python 32 Kamaraj Assosciate Professor 30 Delete
Dev Android Programming 13 St.Mary's College Assistant Professor 8 Delete
Fahad Python 11 Kamaraj College Associate Professor 9 Delete
Kamla C Programming 9 St.Mary's College Assistant Professor 6 Delete

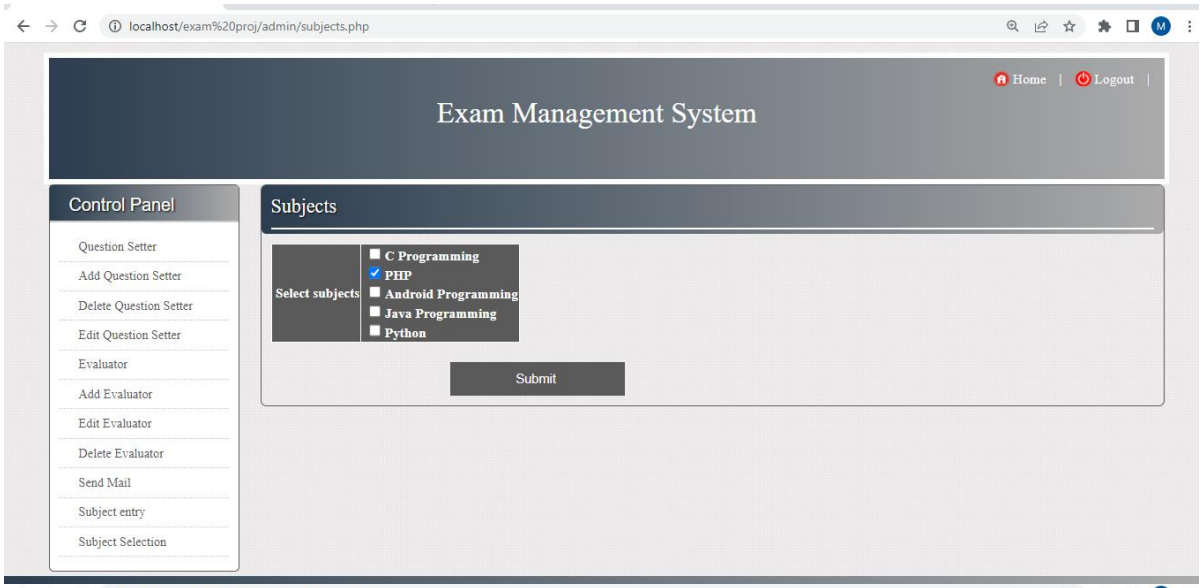

localhost/exam%20proj/admin/delete-display.php?name=Bala
Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Delete Question Paper Setter
Name * Bala
Email ID * bala@gmail
Course * PHP
Experience* 12
Designation* Assosciate Professor
subject Experience* 10
College* Kamaraj
Delete

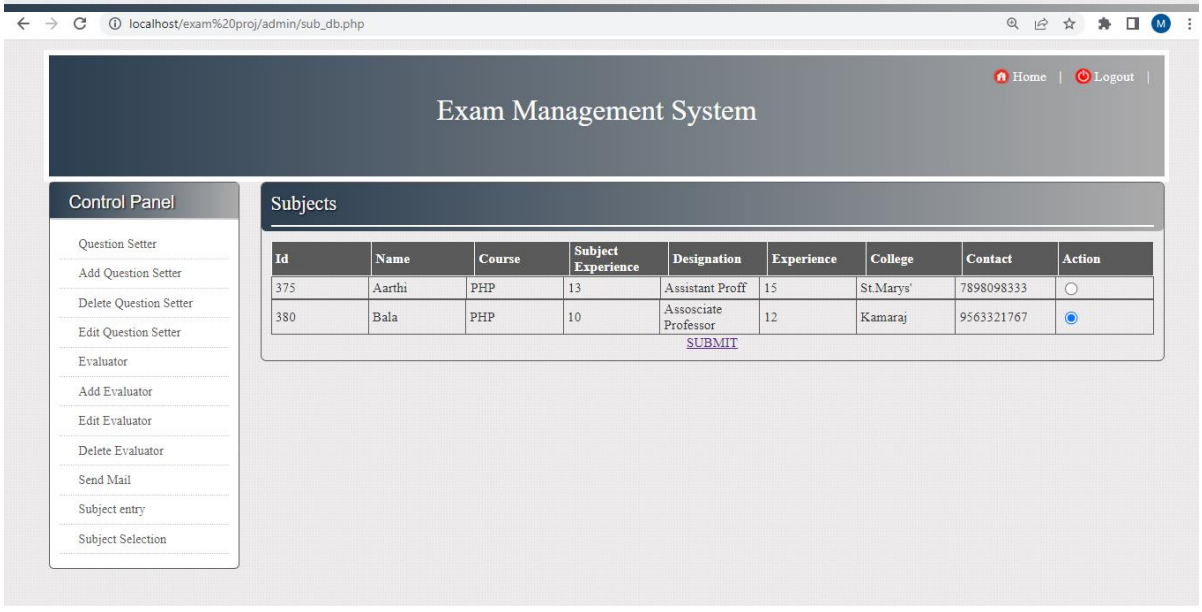

localhost/exam%20proj/admin/view_staff.php
Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Question Paper setter
Name | Course | Designation | Email | Experience | State | College | Action
Aarthi | PHP | Assistant Proff | aarthi@gmail | 15 | Tamil Nadu | St.Marys' | Edit
Abinay | Java Programming | Assistant Professor | abinay@gmail | 23 | Tamil Nadu | Sivanti Aaditanar | Edit
Anupriya | C Programming | Assistant Professor | anu@gmail | 22 | Tamil Nadu | Xaviers | Edit
Bala | PHP | Assosciate Professor | bala@gmail | 12 | Tamil Nadu | Kamaraj | Edit
Banu | Python | Assosciate Professor | banu@gmail | 32 | Tamil Nadu | Kamaraj | Edit
Dev | Android Programming | Assistant Professor | dev@gmail | 13 | Tamil Nadu | St.Mary's College | Edit
Fahad | Python | Associate Professor | fahad@gmail | 11 | Tamil Nadu | Kamaraj College | Edit
Kamla | C Programming | Assistant Professor | kamla@gmail | 9 | Tamil Nadu | St.Mary's College | Edit
Prakash | General Chemistry-I | Associate Professor | prakash@gmail | 24 | Tamil Nadu | St.Xaviers | Edit
Prakash | General Chemistry-II | Associate Professor | prakash@gmail | 24 | Tamil Nadu | St.Xaviers | Edit

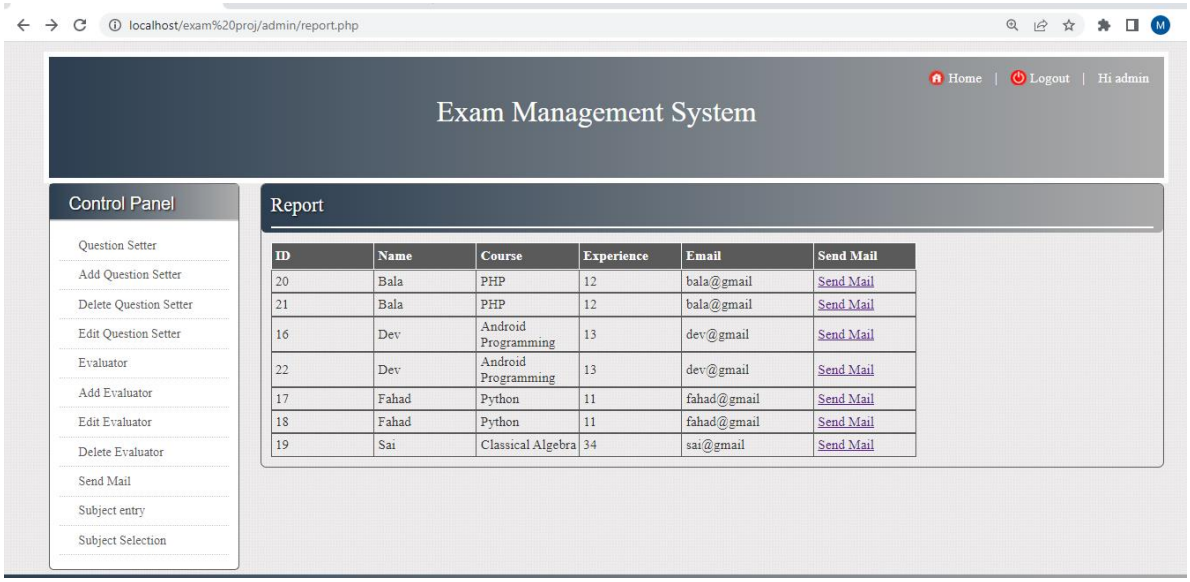

localhost/exam%20proj/admin/update_staff.php?id=382
Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Update Question Paper Setter
Name * Kamla
Email ID * kamla@gmail
Course * C Programming
Experience* 9
Designation* Assistant Professor
Subject Experience* 6
College* St.Mary
University* MSU
State* Tamil Nadu
Contact* 7898098999
Gender Female
Update

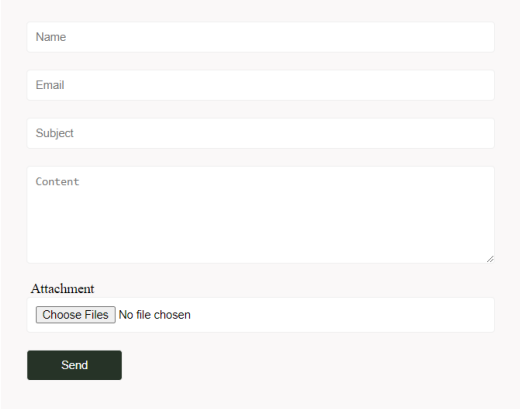

Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Add Question Paper Setter
Select the degree * UG
Department * Computer Science
Subject Code* Eg:18UCSC11
Course Title * Eg:C Programming
Add Subject


localhost/exam%20proj/admin/select_sub.php
Home | Logout | Hi admin
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Select Question Paper
Select the degree *
UG
Department *
Computer Science
OK
English (India)
English (India) keyboard


localhost/exam%20proj/admin/subjects.php
Home | Logout |
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Subjects
Select subjects
C Programming
PHP
Android Programming
Java Programming
Python
Submit


localhost/exam%20proj/admin/sub_db.php
Home | Logout |
Exam Management System
Control Panel
Question Setter
Add Question Setter
Delete Question Setter
Edit Question Setter
Evaluator
Add Evaluator
Edit Evaluator
Delete Evaluator
Send Mail
Subject entry
Subject Selection
Subjects
Id
Name
Course
Subject Experience
Designation
Experience
College
Contact
Action
375
Aarthi
PHP
13
Assistant Proff
15
St.Marys'
7898098333
380
Bala
PHP
10
Assosciate Professor
12
Kamaraj
9563321767
SUBMIT





B.SAMPLE CODING

//index.php

<!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>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Exam Management </title>
<style type="text/css">

@font-face {
  font-family: Raleway;
  src: url(font/Raleway-VariableFont_wght.ttf);
}

html * {
  font-family: Raleway;
}

body {
margin: 0px;
background: #bdc3c7; /* fallback for old browsers */
background: -webkit-linear-gradient(to right, #2c3e50, #bdc3c7); /* Chrome 10-25, Safari 5.1-6 */
background: linear-gradient(to right, #2c3e50, #bdc3c7); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

}
#container {
background-repeat: no-repeat;
```

```
margin-right: auto;
margin-left: auto;
text-align: center;
background-attachment: fixed;
margin-top: 100px;
font-family: Raleway;
font-size: 30px;
color: #FFF;
font-weight: 700;
}
#container a{
font-family: Raleway;
font-size: 14px;
text-decoration:none;
color:#FFF;
}
#container a:hover{
text-decoration:underline;
}
input:-moz-placeholder {color: #fff;}
input:-ms-input-placeholder {color: #fff;}
input::-webkit-input-placeholder {color: #fff;}
#container input[type="text"],
#container input[type="password"]{
 border: 1px solid rgba(255,255,255,.15);
```

```
-moz-box-shadow: 0 2px 3px 0 rgba(0,0,0,.1) inset;
 -webkit-box-shadow: 0 2px 3px 0 rgba(0,0,0,.1) inset;
 box-shadow: 0 2px 3px 0 rgba(0,0,0,.1) inset;
-webkit-transition: all 0.30s ease-in-out;
-moz-transition: all 0.30s ease-in-out;
-ms-transition: all 0.30s ease-in-out;
-o-transition: all 0.30s ease-in-out;
outline: none;
box-sizing: border-box;
-webkit-box-sizing: border-box;
/* [disabled]-moz-box-sizing: border-box; */
 background: #2d2d2d; /* browsers that don't support rgba */
 background: rgba(45,45,45,.15);
color:#FFF;

margin-bottom: 25px;
width: 300px;
height:40px;
padding: 1%;
font-family: Raleway;
border-radius:5px;
font-size:14px;
}
#container input[type="text"]:focus,
#container input[type="password"]:focus{
```

```
box-shadow: 0 0 10px #444;
padding: 1%;
border: 1px solid #333;
}
#container input[type="submit"]{
cursor:pointer;
width: 300px;
height: 50px;
background: #52c234;  /* fallback for old browsers */
background: -webkit-linear-gradient(to right, #061700, #52c234);  /* Chrome 10-25, Safari 5.1-6 */
background: linear-gradient(to right, #061700, #52c234); /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

color: #FFF;
padding: 1%;
border-bottom: none;
border-top-style: none;
border-right-style: none;
border-left-style: none;
font-family: Raleway;
border-radius:5px;
moz-box-shadow:
  0 15px 30px 0 rgba(255,255,255,.25) inset,
  0 2px 7px 0 rgba(0,0,0,.2);
```

```
    -webkit-box-shadow:
      0 15px 30px 0 rgba(255,255,255,.25) inset,
     0 2px 7px 0 rgba(0,0,0,.2);
    box-shadow:
    0 15px 30px 0 rgba(255,255,255,.25) inset,
    0 2px 7px 0 rgba(0,0,0,.2);
font-size: 20px;
    font-weight: 500;
    color: #fff;
    text-shadow: 0 1px 2px rgba(0,0,0,.1);
    -o-transition: all .2s;
    -moz-transition: all .2s;
    -webkit-transition: all .2s;
    -ms-transition: all .2s;
}
#container input[type="submit"]:hover{
-moz-box-shadow:
  0 15px 30px 0 rgba(255,255,255,.15) inset,
   0 2px 7px 0 rgba(0,0,0,.2);
   -webkit-box-shadow:
    0 15px 30px 0 rgba(255,255,255,.15) inset,
   0 2px 7px 0 rgba(0,0,0,.2);
    box-shadow:
   0 15px 30px 0 rgba(255,255,255,.15) inset,
   0 2px 7px 0 rgba(0,0,0,.2);
```

```
}
#copyright_text {
position: fixed;
left: 0px;
bottom: 10px;
height: auto;
width: 100%;
text-align: center;
color: #FFF;
font-family: Raleway;
font-weight: 500;
font-size: 14px;
}
</style>

</head>

<body>
<div id="container">
<u>EXAM MANAGEMENT</u><br><br>
Login Panel
<form method="post" action="login.php">
<br /><input type="text" name="txt_username"
placeholder="Username/Email" required="required" /><br />
```

<input type="password" name="pswd_password" placeholder="Password" required="required" />

<input type="submit" value="Login" />

</form>

© <?php echo date(""); ?>

</body>

</html>

//login.php

<?PHP

$user_id = $_POST['txt_username'];

$password = $_POST['pswd_password'];

$connection = @mysql_connect("localhost", "root", "") or die(mysql_error());

$sql = "SELECT * FROM leavesystemphp.login WHERE user_id = '".$user_id."' AND password = '".$password."'";

$result = mysql_query($sql, $connection);

if(mysql_num_rows($result))

{

while($row = mysql_fetch_array($result))

{

$user_type = $row['user_type'];

$db_password = $row['password'];

if((!(strcmp($db_password, $password))) && $user_type == "admin")

{

```
session_start();
$_SESSION['sid'] = session_id();
$_SESSION['user'] = $user_type;
//Opens add_staff page if username and password matches
header("Location: admin/index.php");
}
else if((!(strcmp($db_password, $password))) && $user_type == "Staff")
{
session_start();
$_SESSION['sid'] = session_id();
$_SESSION['user'] = $user_type;
$_SESSION['staff_id'] = $user_id;
echo
//Opens add_staff page if username and password matches
header("Location: staff/index.php");
//echo "staff";
}
else if((!(strcmp($db_password, $password))) && $user_type == "PC")
{
session_start();
$_SESSION['sid'] = session_id();
$_SESSION['user'] = $user_type;
$_SESSION['pc_id'] = $user_id;
```

```
header("Location: pc/index.php");
}
}
}
else
{
echo"<script>
alert(\"Incorrect Username and Password Match.\");
window.location=\"index.php\";</script>";
}
?>
```

//logout.php

```
<?php
session_start();
session_destroy();
setcookie(PHPSESSID, session_id(), time() - 1);
header("Location: index.php");
?>
```

//addquestion_db.php

```
<?PHP
// Retrieving values from textboxes
```

```
$name = $_POST['name'];
$course = $_POST['course'];
$experience = $_POST['experience'];
$college = $_POST['college'];
$mail = $_POST['mail'];
$designation = $_POST['designation'];
$subexp = $_POST['subexp'];
$state = $_POST['state'];
$phone = $_POST['phone'];
$university = $_POST['university'];
$gender = $_POST['gender'];
$age = $_POST['age'];

// Obtaining connection using DSN and ODBC
$connection = mysql_connect("localhost", "root", "");
// Sql query
$sql2 = "INSERT INTO exam.question_setter(name, course,
experience, college, mail, designation, subexp, state, phone,
university, gender, age) VALUES ('$name', '$course', '$experience',
'$college', '$mail', '$designation', '$subexp', '$state',  '$phone',
'$university', '$gender', '$age')";
$sql5 = "SELECT * FROM exam.question_setter";
$result4 = mysql_query($sql5, $connection);
$result1 = mysql_query($sql1, $connection);
$row = mysql_fetch_array($result1);
if($row == 0)
```

```
{
// Firing query
$result2 = mysql_query($sql2, $connection);
echo"<script>
alert(\"Staff added.\");
</script>";
echo"<script>window.location=\"addqps.php\";</script>";
}
else
{
echo”<script>
alert(\"Staff ID already exist, Please use different Email ID.\");
</script>";
echo
"<script>window.location=\"addqps.php\";</script>";
}
// Closing Connection
mysql_close($connection);
?>
```

//delete.php

```
<?php

// Obtaining connection
```

```
$connection = @mysql_connect("localhost", "root", "") or
die(mysql_error());



// Sql query
$sql = "SELECT * FROM exam.question_setter order by name ASC";

// Firing query
$result = mysql_query($sql, $connection);
if(mysql_num_rows($result)==0)
{
echo"<script>
alert(\"Search results not found !\");
window.location=\"#\";</script>";
}
?>
<?php
session_start();
if($_SESSION['sid'] == session_id() && $_SESSION['user'] ==
"admin")
{
?>
<!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>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"
/>
<title>Delete Question Paper Setter</title>
<style type="text/css">
body {
margin-left: 0px;
margin-top: 0px;
margin-right: 0px;
margin-bottom: 0px;
background-image: url(../images/bg.gif);
}
</style>
<link href="../style.css" rel="stylesheet" type="text/css" />
</head>

<body>
<div id="container">
<div id="header">
<div id="title">Exam Management System</div>
<div id="quick_links">
<ul>
<li><a class="home"href="index.php">Home</a></li>
<li>|</li>
<li><a class="logout" href="../logout.php">Logout</a></li>
```

```
<li>|</li>
<li>
<a class="greeting" href="#">Hi <?php echo$_SESSION['user'];
?>
</a></li>
</ul>
</div>
</div>
<?php $page = 'delete_leave'; include 'sidebar.php'?>
<div id="content_panel">
<div id="heading">Delete Question Paper Setter
<hr size="3" color="#FFFFFF" ice:repeating=""/>
</div>
<div id="table">
<form action="delete-display.php" method="post">
</form>
<?PHP
echo "<span><table border=\"1\" bgcolor=\"#006699\" >
<tr>
<th width=\"110px\">Name</th>
<th width=\"100px\">Course</th>
<th width=\"100px\">Experience</th>
<th width=\"100px\">College</th>
<th width=\"100px\">Designation</th>
<th width=\"100px\">Subject Experience</th>
```

```
<th width=\"100px\">Action</th>
</tr>
</table>
</span>";
while($row = mysql_fetch_array($result))
{
$name = $row['name'];
$course = $row['course'];
$experience = $row['experience'];
$college=$row['college'];
$designation = $row['designation'];
$subexp = $row['subexp'];
echo "<table border=\"1\">
<tr>
<td width=\"110px\">".$name."</td>
<td width=\"100px\">".$course."</td>
<td width=\"100px\">".$experience."</td>
<td width=\"100px\">".$college."</td>
<td width=\"100px\">".$designation."</td>
<td width=\"100px\">".$subexp."</td>
<tdwidth=\"100px\"><ahref='deletedisplay.php?name=".$name."'\><i
mgsrc=\"../images/trash.gif\" />Delete</a></td>
</tr></table>";
}
mysql_close($connection);?>
```

```
<td width=\"100px\">
</div>
</div>
</div>
</body>
</html>
<?php
}
else
{
header("Location: ../index.php");
}
?>
```

“Good code is its own best documentation.”- Steve McConnell

Project work on

"ONLINE GAS BOOKING PORTAL"

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with 'A^{+}' Grade by NAAC)

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

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

Bachelor of Computer Science

Submitted by

1. ANANDHAM NITHIYA V	**20AUCS04**
2. ASMI A	**20AUCS06**
3. MOHIDEEN SYEDALI FATHIMA M	**20AUCS24**
4. PETCHIAMMAL E	**20AUCS29**
5. VIJAYA SANKARI J	**20AUCS47**

Under the Supervision and Guidance of

Ms. S. Andrews Felicitta M.Sc., MBA.,

BONAFIDE CERTIFICATE

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

This is to Certify that the project report entitled **"ONLINE GAS BOOKING PORTAL"** is the Bonafide work done by

1. Anandham Nithiya V	20AUCS04
2. Asmi A	20AUCS06
3. Mohideen Syedali Fathima M	20AUCS24
4. Petchiammal E	20AUCS29
5. Vijaya Sankari J	20AUCS47

In the partial fulfilment of the requirements for the award of **BACHELOR OF COMPUTER SCIENCE** during the year 2022-2023.

Guide

Head of the Department

Submitted for the examination held on 18.04.2023

Examiner
1

Principal
St. Mary's College (Autonomous)
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Success and happiness are directly related to theachievementsOf the predetermined goals**.** The success of the projectwork is due to the varied contribution of several distinguishedpersonalities. We take this wonderful opportunity to thank each and every one of them. It is our privilege to extend our sincere gratitude to all those who helped our team in the fruition of the project entitled "ONLINE GAS BOOKING PORTAL"

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We also extend our boundless gratitude to all our staff members Ms.J. Anila MailyM.sc.,M.Phil., Ms.M.Jothimani B.E., M.sc., M.Phil., Sr. K. Reetha M.sc., and our lab assistant Ms.J.Cladina who encouraged us in all ways for successful completion of this project.

Our overrunning debt also lays with family members, well wishers, friends for the team spirit who helped in bringing out this project successfully.

ABSTRACT

During today's busy life, no one is ready to waste the time by doing the time consuming and hassle refill booking like Interactive Voice Response Booking System. The exisiting sites are generalized where the consumer needs to provide a huge round of details. We are proposing a simple, interactive, hassle free, less time consuming and efficient LPG Booking System for an individual agency. This is beneficial for the Gas Agencies also, they get the refill booking requests and consumer details instantly. Our system was futuristic and can be updated according to the future needs easily. This Application is specifically designed for the Customer to efficiently booking the LPG cylinder. It requires Customer to conform the booking through the website and then the Distributer deliver the cylinder to the customer within a stipulated time. The Customer and the Distributor can use it whenever necessary. All the activities of the Customer and Distributor are monitored by an Admin overseas.

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INTRODUCTION

1.INTRODUCTION

The purpose of Online Gas Booking System is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable information Can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Basically the project describes how to manage for good performance and better for the Customers.

Although there are numerous benefits of an Online Gas Booking System. The below listed are the important ones that will able to book refill and mention complaints if any.

- There should be an entry screen and report every stage of the application.
- Facility for maintenance of all tables.
- Facilities to accept, Validate and process data.
- Facilities to generate all essential reports.
- The information flow should be developed.
- The input screen should be provided with provision to select values or data from a list of values thus minimizing errors.
- Validation checks must be performed at each and every level.
- Database should be designed with minimum redundancy.
- Menu driven screen should be developed

1.1 PROJECT OVERVIEW

Online gas Booking System will help the Admin to maintain the records securely and accurately. The System is a PHP configuration and MySQL Database. More reliable, faster, maintainable and more user friendly. Admin enters the essential details of Consumer and Distributor. The admin also provides username and Password for distributor. Distributor handles the booking details and keep track on complaints and queries. Authorised consumer first registers and gets the username and password with which he/she will able to book refill and mention complaints if any. The purpose of developing the Online Gas Booking System is to provide a hasslefree refill booking that Will help both the consumer and Admin. The Admin can record the details easily and accurately. The System also help the Admin to maintain Distributor, Consumer and booking details.

1.2 OBJECTIVE

The main objective of the Online Gas Booking System is to manage the details of Customer details, Booking, Distributor details, Gas details, Feedback and complaints. It enables the consumers to book the refill very easily just as a click. Not only that the consumers can report their complaints and queries. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Customer Booking and Payments. It tracks all the details about the connection, delivered details.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

System Analysis is a process of gathering and interpreting facts, diagnosing problems and information about the Online gas Booking System to recommend improvements on the screen. It is a problem Solving activity that requires intensive communication between the system users and system developers.System analysis is concerned with becoming aware of the problems, identifying the relevant decisional variables, analysing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action.

2.1 EXISTING SYSTEM

The existing system used for sending messages, but it can be done only through registered mobile number. There will be some inconvenience, Instead of these with the Online Gas Booking System consumer can book the refill and also register complaints or queries from anywhere and through any device, all they need a valid Id and Password.

2.2 PROPOSED SYSTEM

The aim of Proposed Systemis to develop a system of improved facilities. The system provides proper security and reduces the manual work. Functionalities provided by Online Gas Booking System Are as Follows:

- Consumers can book the refill by just one click, they can post queries or complaints.
- Needs only Id and Password. If they don’t have one, the valid consumers can get the id and password with simple registration process.
- The Admin can access the database, only he can add the consumers and distributor. So the system is secured.

- The authorized distributor can see the bookings and the consumer details without any hassle. He can mark the status whether the refill delivered or not. If delivered then refill request will be automatically cleared.

ADVANTAGES

- ♦ Security of data.
- ♦ Ensure data accuracy's.
- ♦ Proper control of the higher officials.
- ♦ Minimize Manual data entry.
- ♦ Minimum time needed for the various processing.
- ♦ Greater Efficiency.
- ♦ Better efficiency.
- ♦ Better service.
- ♦ User friendliness and interactive.
- ♦ Minimum time required.

SYSTEM

REQUIREMENTS

3. SYSTEM REQUIREMENTS

3.1 HARDWAREW REQUIREMENTS

DEVICE NAME:	Lenova
PROCESSOR:	AMD PRO A4-4350B R4, 5 COMPUTE CORES 2C+3G 2.50 GHz
INSTALLED RAM:	4.00 GB
SYSTEM TYPE:	64-bit operating system, x64-based processor

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM:	Windows 10 Pro Education
VERSION**:**	22H2
FRONT END:	HTML, CSS,JavaScript
BACK END:	PHP,MYSQL Server
DATABASE:	MYSQL
SERVER-SIDE:	WAMP

SYSTEM OVERVIEW

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

BASIC MODULES

In Online Gas Booking System there are three module:

- ❖ Admin Module
- ❖ Distributor(Agency) Module
- ❖ Consumer(Customer) Module

Every Module has more features to online gas booking portal system using Php. Uneducated persons also easily access the gas service because the tab is very easy to handle use them.

ADMIN MODULE

- ➢ Admin are totally manage all distributors.
- ➢ Admin can view the consumer orders, complaints feedbacks and more features only for admin.
- ➢ At Anytime admin will be able to remove the distributor service and add new one.
- ➢ Admin can change anything in consumer and distributor side.

DISTRIBUTOR MODULE

- ➢ Distributor module means they are agency.
- ➢ Distributor can add connections, manage consumers
- ➢ Distributor can verifies order of the gas and delivery records.
- ➢ Distributor can view the consumer feedback and complaints.

CONSUMER MODULE

- ➢ Consumer means customers who need the gas.
- ➢ Registered Consumer can able to book the order
- ➢ Consumer can track the order of the gas
- ➢ Consumer can see order history and raise the complaints.

4.2 SOFTWARE DISCRIPTION

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 structures of a web page semantically and originally include for the appearance of the document.

HTML elements are the building block 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 behaviour and content of webpages. 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, hasencouraged the use of CSS over explicit presentational HTML since 1997.

RUNNTIME:

WampServer is a Windows web development environment. It allows you to create web applications with Apache2, PHP, and a MYSQL database. A longside phpMyAdmin allows you to manage your databases easily.

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 fronts. 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 enablesthe.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(March1998). 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.

A longside 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 behaviour, 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 interpreterimplemented 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:

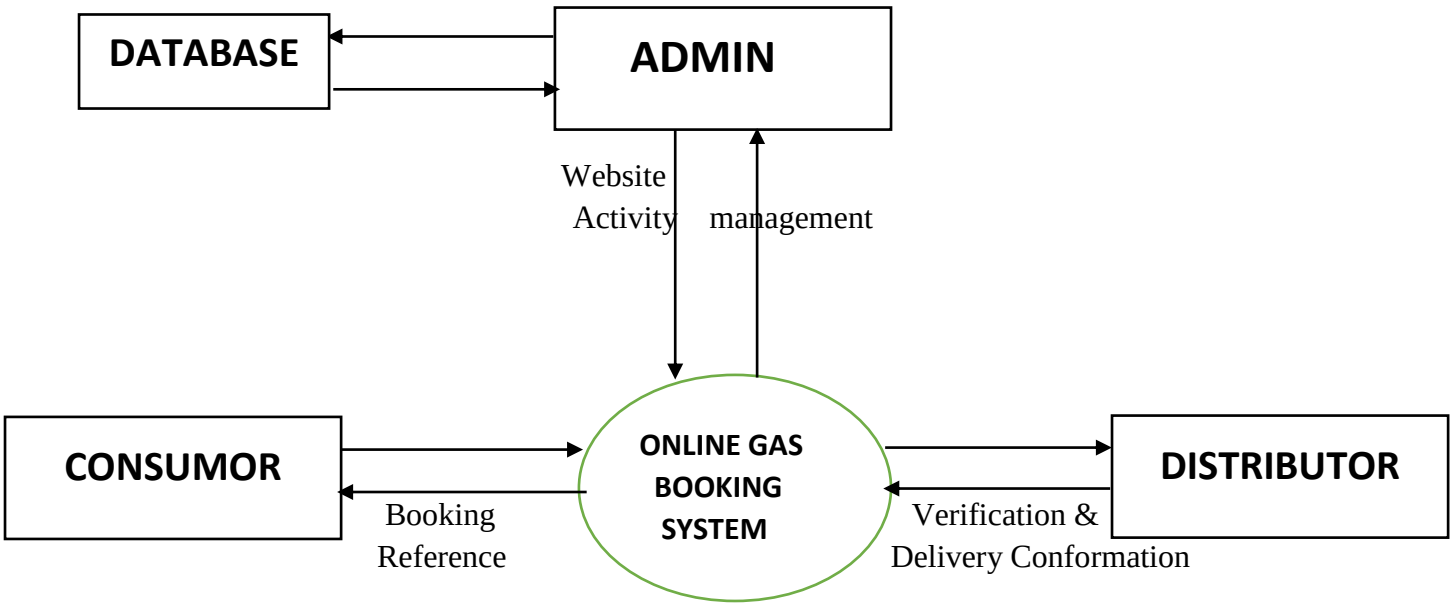
A web browser(commonly referred to as a browser) is a software application for accessing the information on the World Wide Web. When a user requests a web page from a particular website, the web browser retrieves the necessary content from a web server and then displays the page on the user's device.

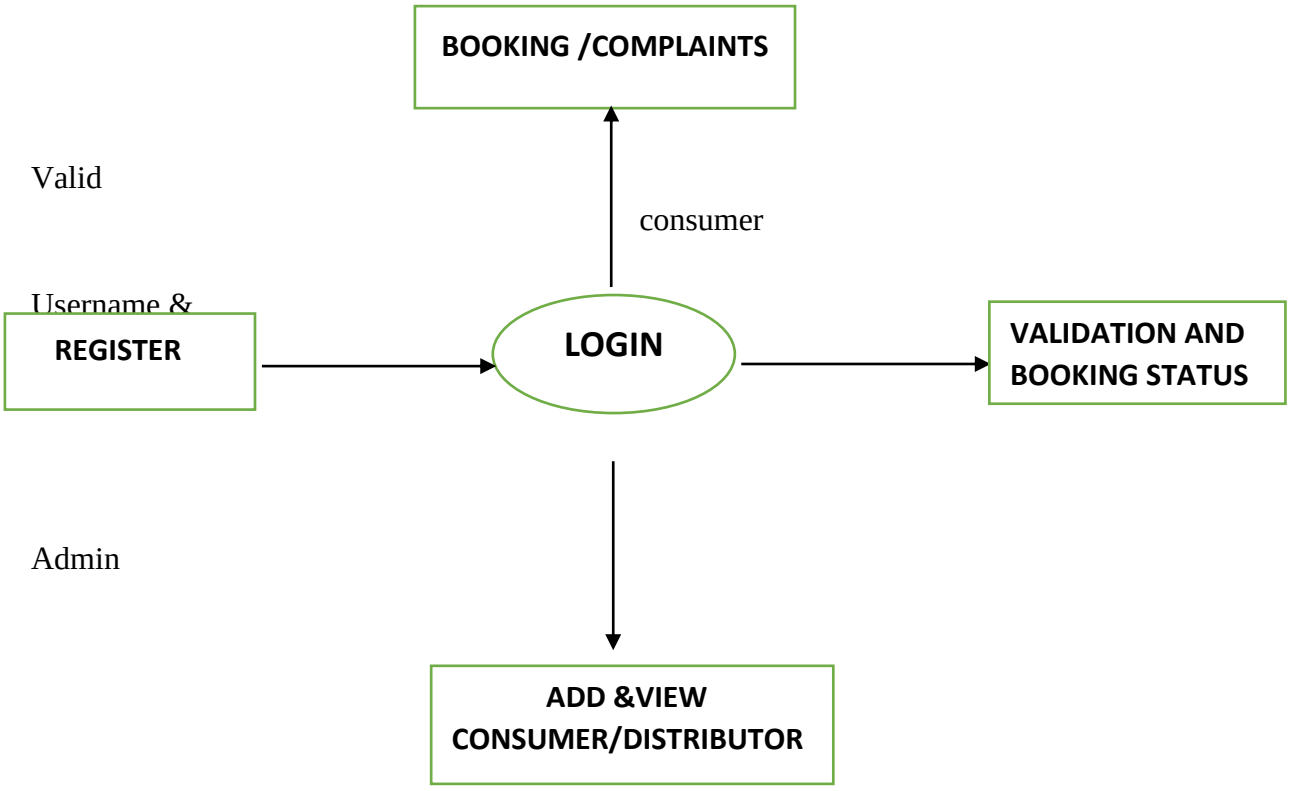
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and a display its web pages, a user must have a web browser installed.

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

5.1 DATAFLOW DIAGRAM





5.2 DATABASE DESIGN:

TABLE NAME: ADMIN

Field	Type	Null	Key	Default	Extra
Aid	int(10)	NO	PRI	NULL	Auto-increment
pwd	Varchar(16)	NO		NULL	

TABLE NAME: DISTRIBUTOR

Field	Type	Null	Key	Default	Extra
cid	int(10)	NO	PRI	NULL	Auto-increment
Did	int(5)	NO	MUL	NULL	
Pwd	Varchar(16)	YES		NULL	
Name	Varchar(30)	NO		NULL	
Address	Varchar(100)	NO		NULL	
City	Varchar(10)	NO		NULL	
Pin	int(6)	NO		NULL	
M_no	bigint(10)	NO		NULL	
E_id	Varchar(30)	NO		NULL	
Reg_date	Date	YES		NULL	
Status	Varchar(15)	NO		Not Registered	

TABLE NAME: CONSUMER

Field	Type	Null	Key	Default	Extra
Did	int(5)	NO	PRI	NULL	Auto-increment
Pwd	Varchar(16)	NO		NULL	
Name	Varchar(20)	NO		NULL	
Address	Varchar(100)	NO		NULL	
City	Varchar(10)	NO		NULL	
Pin	int(6)	NO		NULL	

M_no	bigint(10)	NO		NULL	
E_id	Varchar(30)	NO		NULL	
Status	Varchar(10)	NO		Deactive	
Proof	Text	NO		NULL	

TABLE NAME: FEEDBACK COMPLAIN

Field	Type	Null	Key	Default
cid	int(10)	NO	MUL	NULL
Did	int(5)	NO	MUL	NULL
Date	Date	NO		NULL
Time	Time	NO		NULL
Type	Varchar(10)	NO		NULL
Subject	Varchar(30)	NO		NULL
Description	Varchar(300)	NO		NULL

TABLE NAME: ORDER DETAILS

Field	Type	Null	Key	Default
Oid	int(10)	NO	PRI	NULL
cid	int(10)	NO	MUL	NULL
Did	int(5)	NO	MUL	NULL
Date	Date	NO		NULL
Time	Time	NO		NULL
Amount	Float	NO		475
Status	Varchar(20)	NO		Pending

5.3 INPUT DESIGN

The design of input focuses on controlling the amount of input required, controlling the errors, avoiding delay, avoiding extra steps and keeping the process simple. The input is designed in such a way so that it provides security and ease of use with retaining the privacy. Input Design follows what data should be given as input, how the data should be arranged or coded. The dialog to guide the operating personal in providing input, Methods for preparing input validations and steps to follow when an error occur.

5.4 OUTPUT DESIGN

A quality output is one, which meets the requirements of the end
user and presents the information clearly. In output design it is determined how the information is to be displaced for immediate need and also the hard copy output. It is the most important and direct source information to the user. Efficient and intelligent output design improves the system's relationship to help user decision-making.

Designing computer output should proceed in an organized, well thought out manner; the right output must be developed while ensuring that each output element is designed so that people will find the system can use easily and effectively. When analysis design computer output, they should Identify the specific output that is needed to meet the requirements. Select methods for presenting information. Create document, report, or other formats that contain information produced by the system.

SYSTEM TESTING AND IMPLEMENTATION

1. SYSTEM TESTING AND IMPLEMENTATION

6.1 SYSTEM TESTING

It is executing programs to check logical changes made in it with intention of finding errors, a system is testing for online response, volume of transaction, recovery from failure etc. System testing is done to ensure that the system satisfies all the user requirements. The system Testing done included the testing of the following items:

- ❖ Functionality of the entire system as a whole.
- ❖ User Interface of the system.
- ❖ Testing the dependent modules together with all the possible test data scripts.
- ❖ Verification and Validation testing
- ❖ Testing the reports with all its functionality.

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 operator's roles. If implementation involves a production process, a manufacturing system that uses the established technical and management process may be required.

The purpose of the implementation process is to design and create a system element conforming to the eliminated 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-user 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**

It 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 specification 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 test 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 the tested. The goal of integration 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 system provides the facility to handle and manage details of consumer, distributor and admin efficiently and securely. The system is simple and easy to maintain. This can be implemented in any gas booking system. The system is futuristic. The system also handles the complaints and queries of distributor and consumer.

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 applications 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

This 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. That the future scope of the project maintaining information regarding.

- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers.
- The system can be enhanced with online billing system and delivery status.
- We provide the availability of cylinders and details on subsidy.

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we maintain the records of Customers and Booking. Enhancements can be done to maintain all the Customer, Booking Connection, Gas Number.

In the future, this module will work as a beneficial and time-saving application and requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process.

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9. BIBLIOGRAPHY

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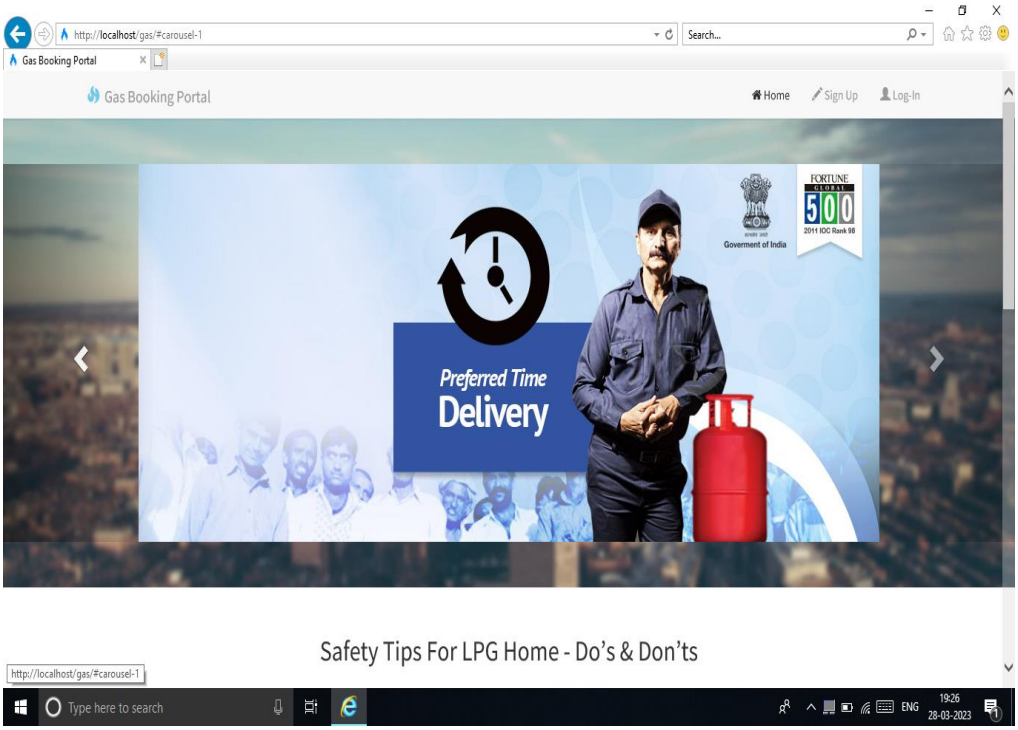
4..https://phpgurukul.com/

APPENDIX

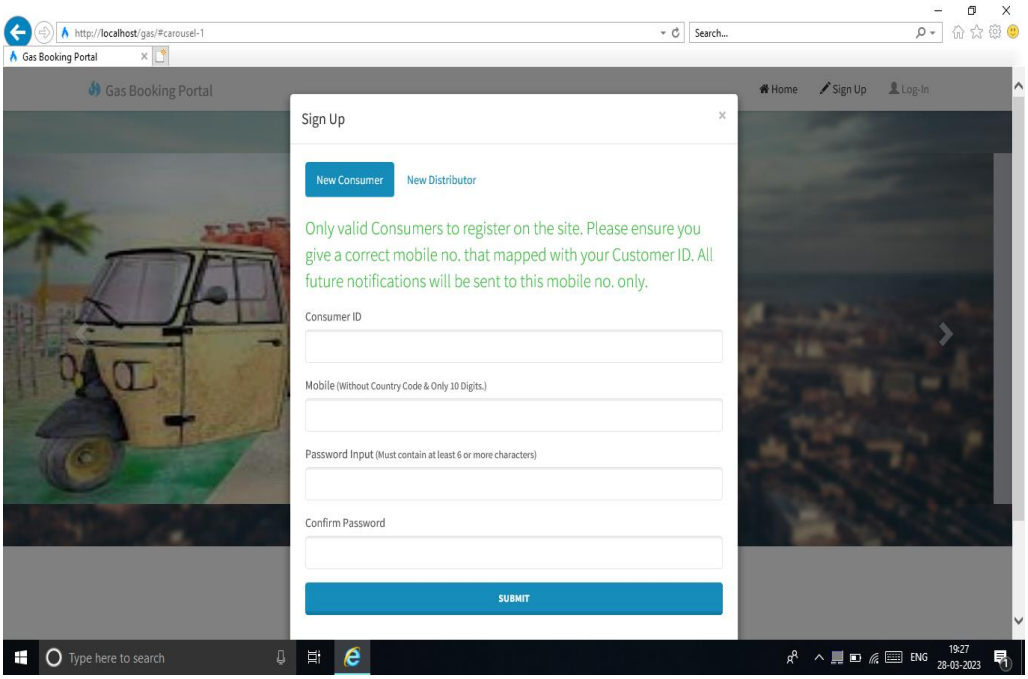
10. APPENDIX

A. SCREENSHOTS

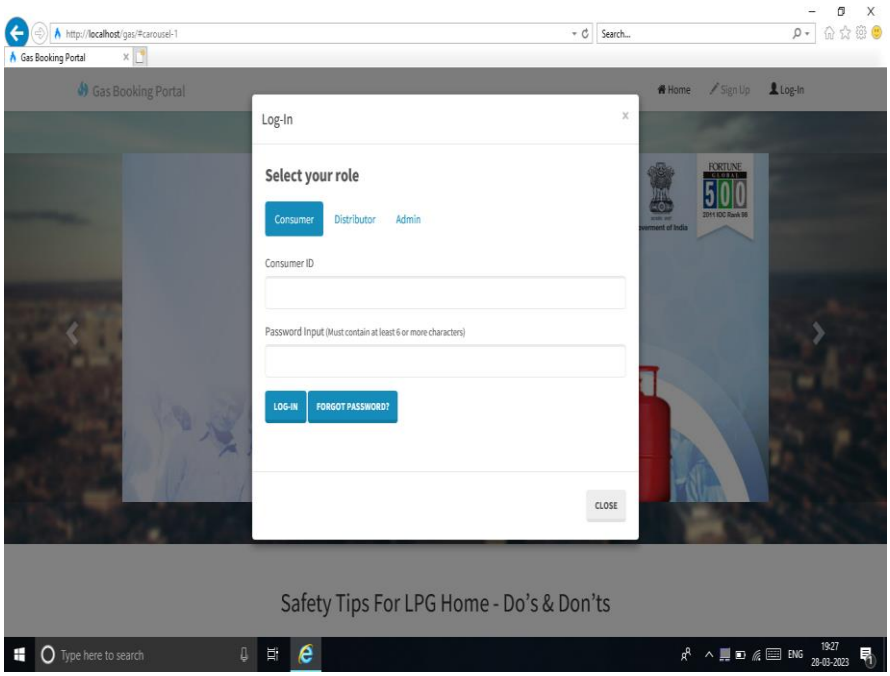
HOME PAGE



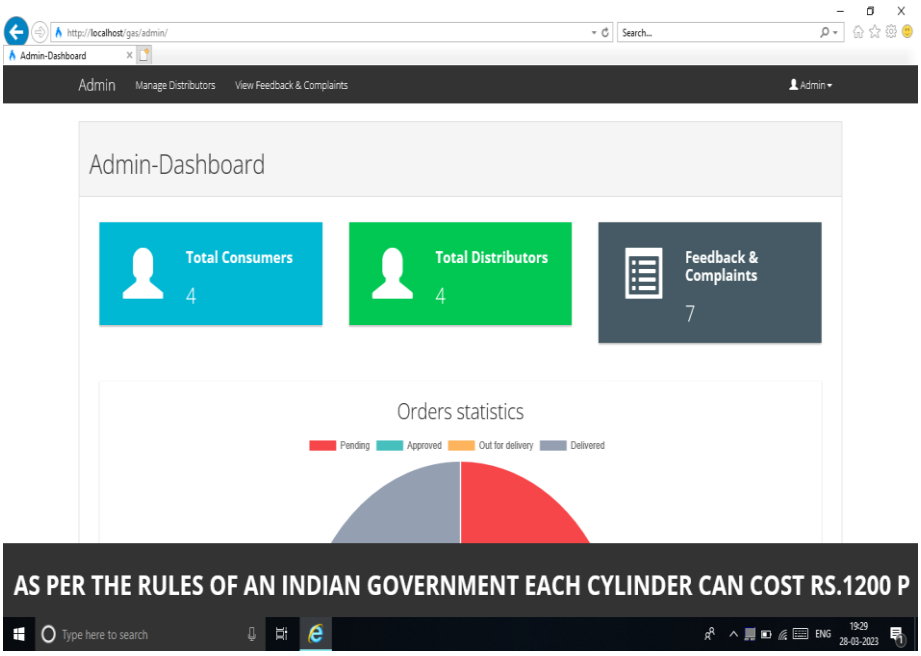
CONSUMER AND DISTRIBUTOR REGISTRATION PAGE



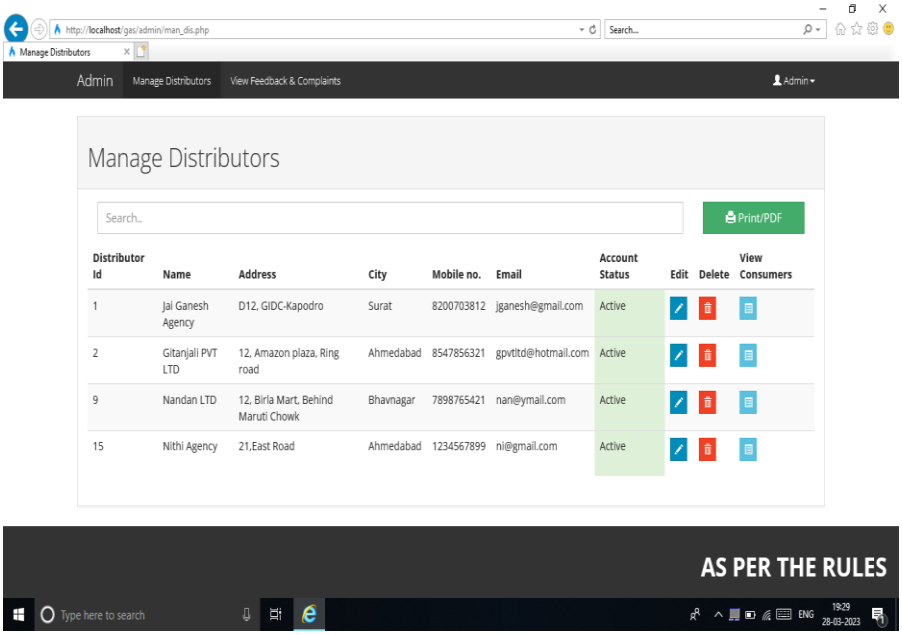
LOGIN PAGE



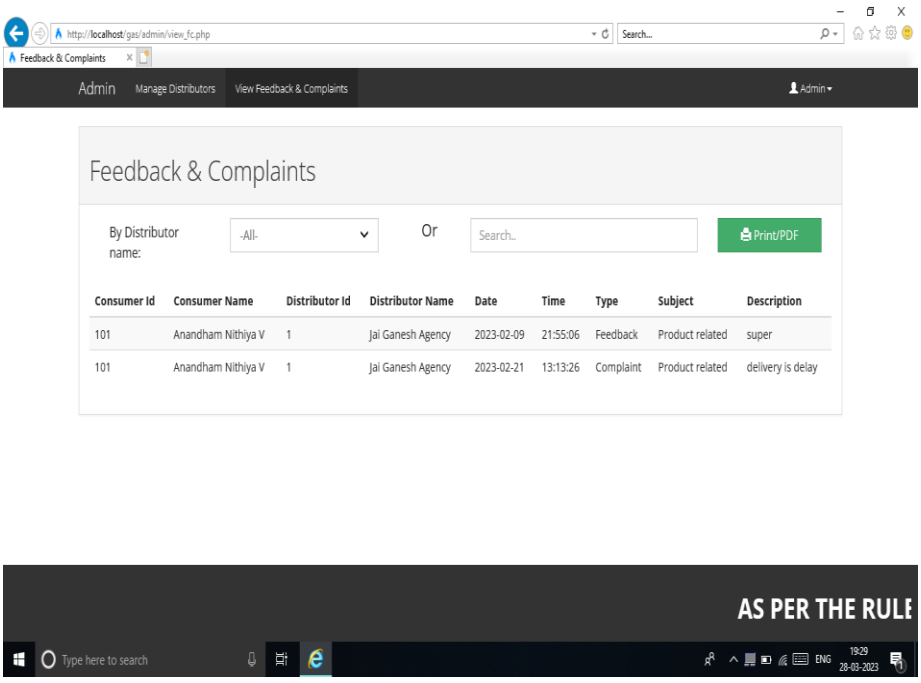
ADMIN DASHBOARD



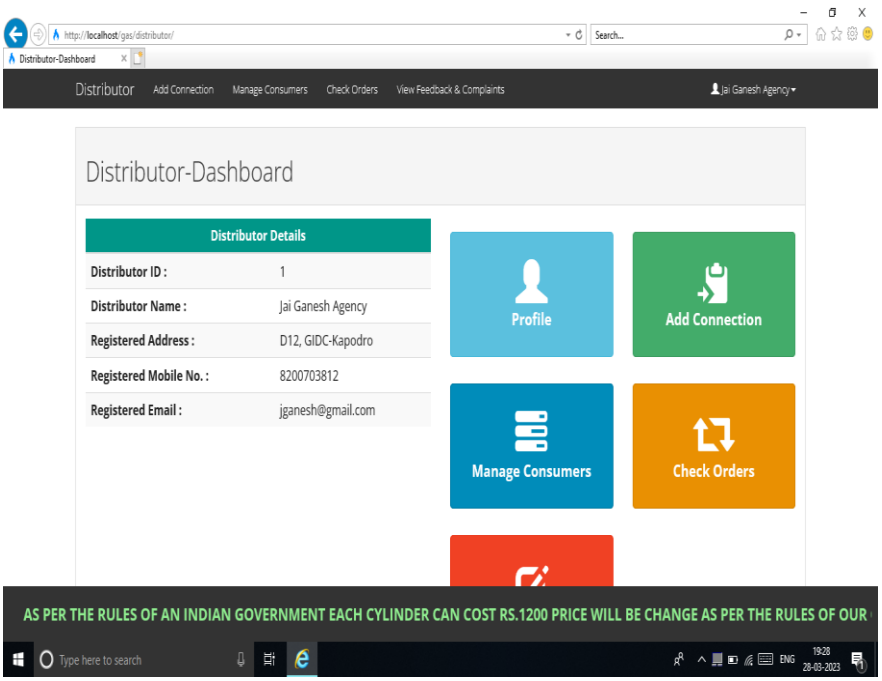
MANAGE DISTRIBUTORS



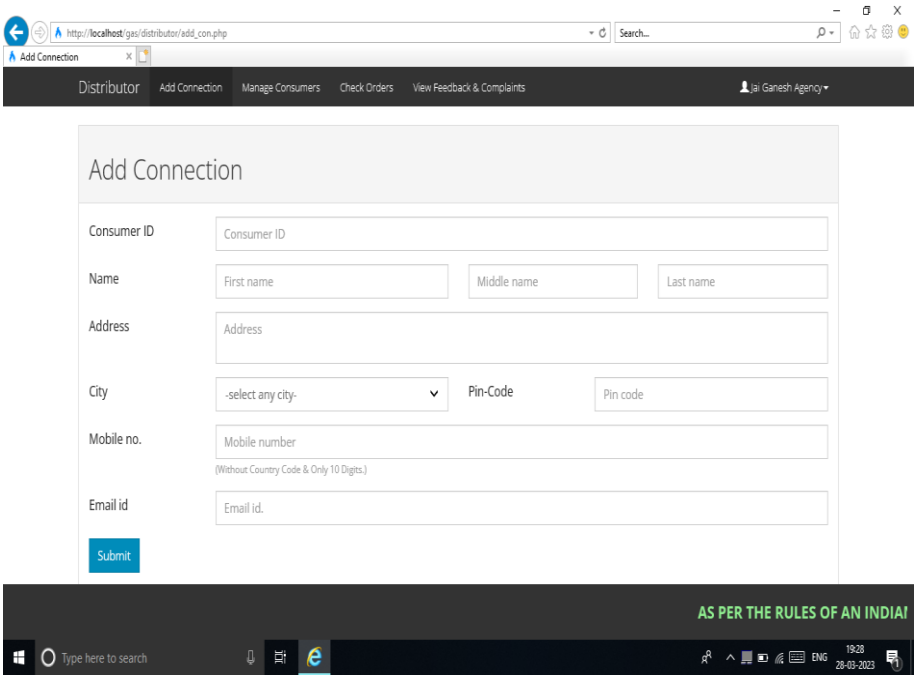
CONSUMER'S FEEDBACK AND COMPLAINT



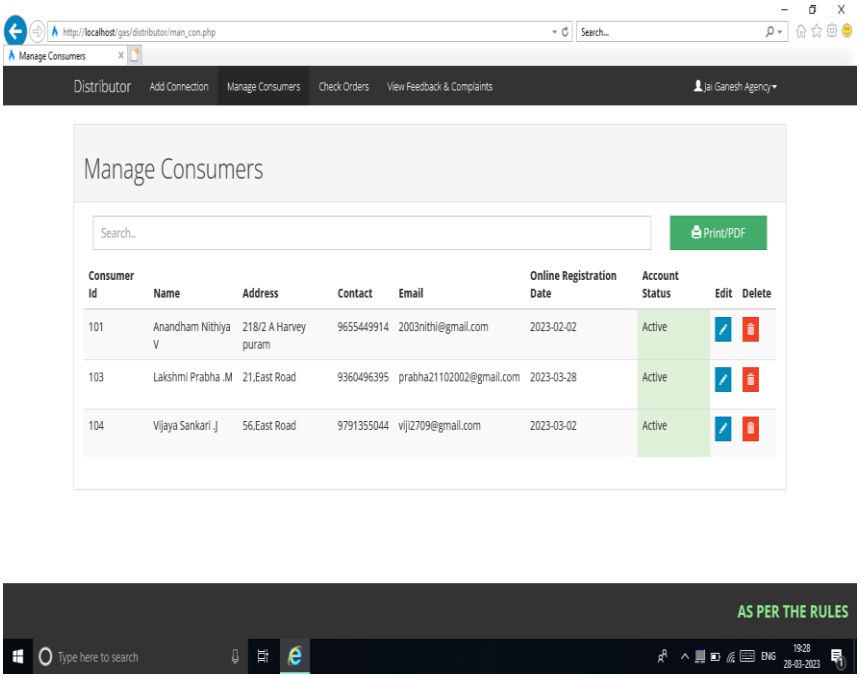
DISTRIBUTOR DASHBOARD



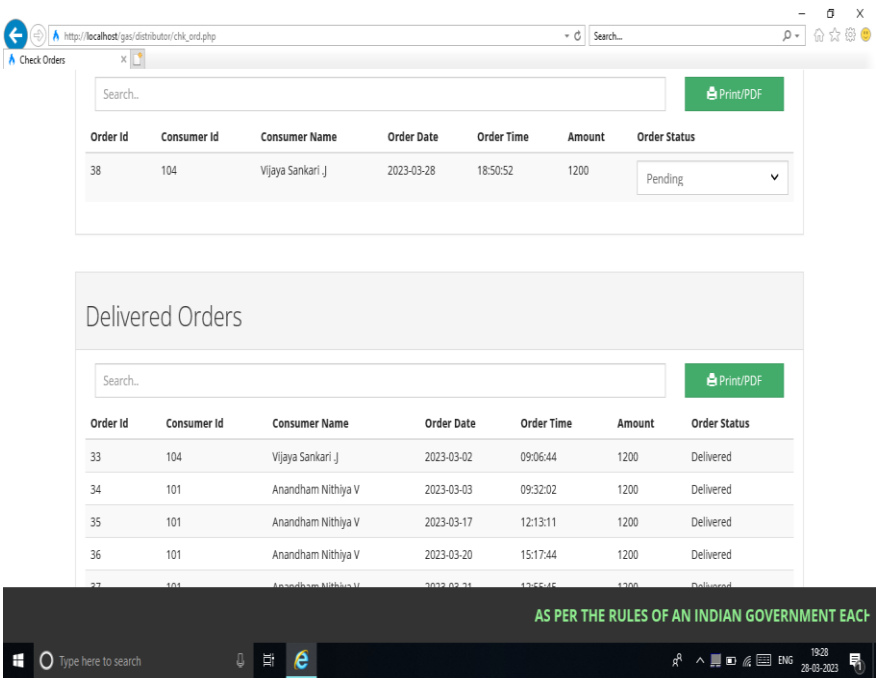
ADD CONNECTION



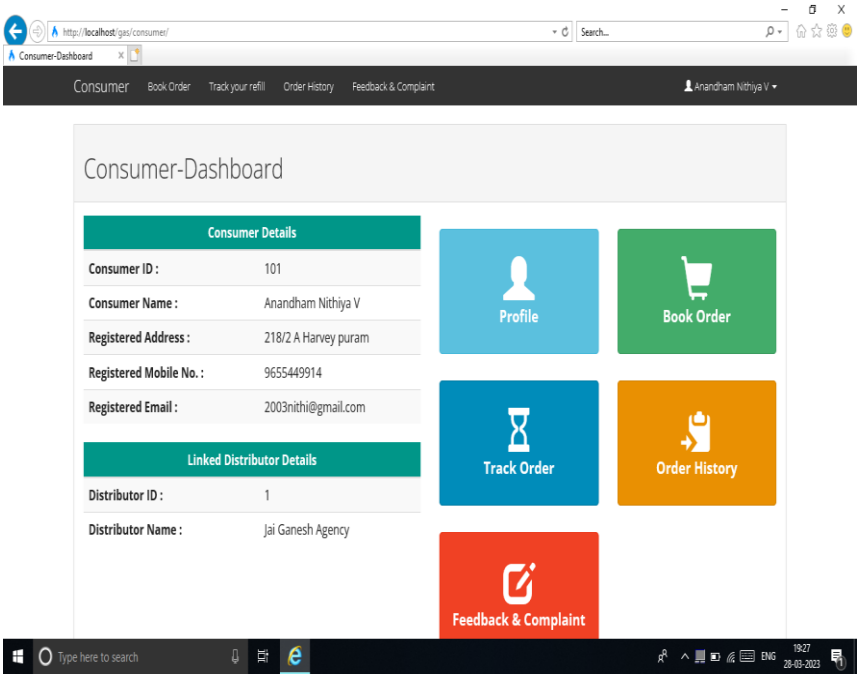
MANAGE CONSUMERS



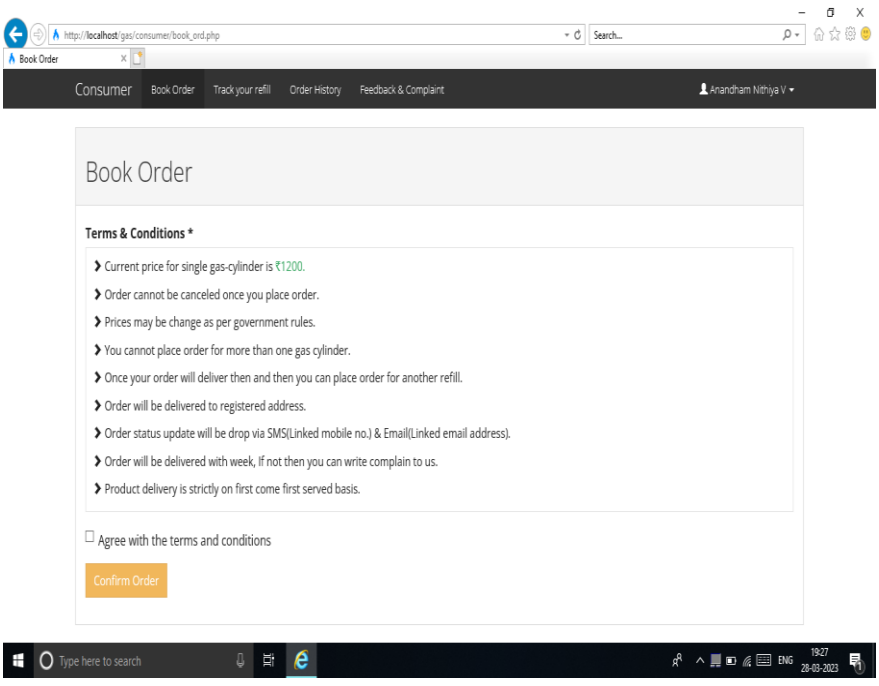
CHECKING ORDERS



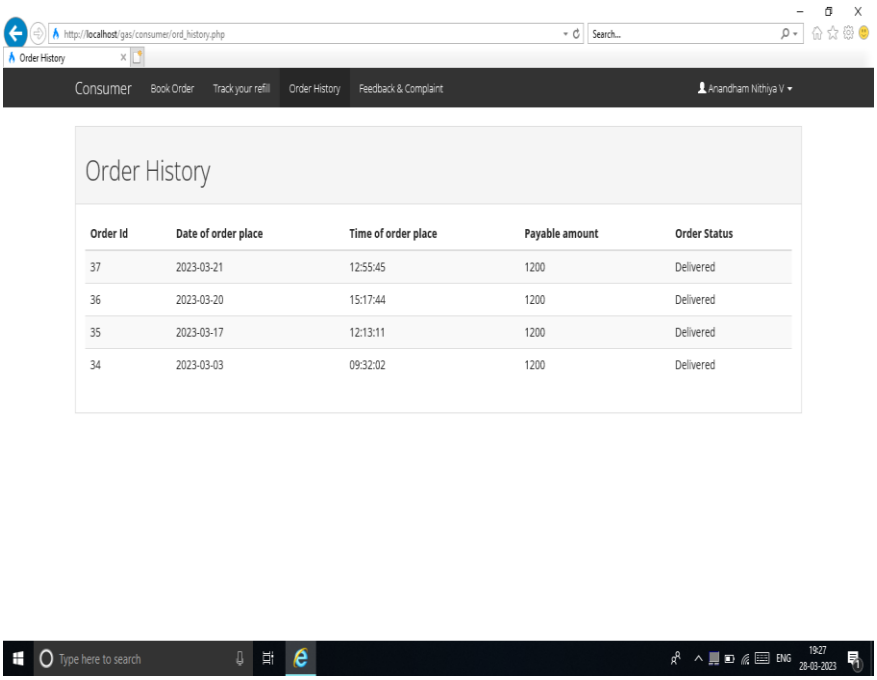
CONSUMER DASHBOARD



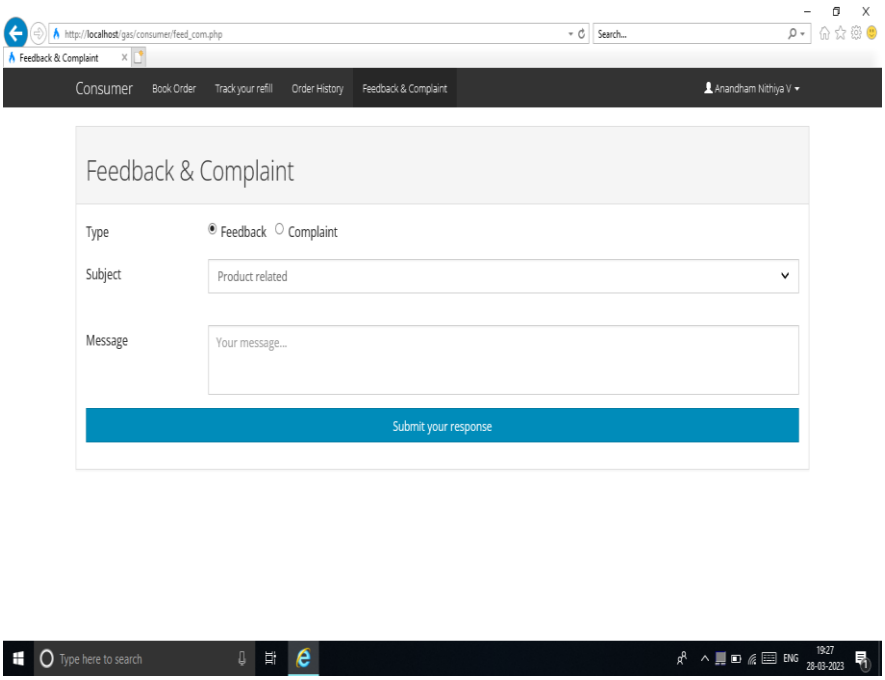
BOOKING ORDER



ORDER HISTORY



FEEDBACK AND COMPLAINT





B. SAMPLE CODING

//index.php

```
<?php
session_start();
if(isset($_SESSION['cid']))
header("Location:consumer/");
else if(isset($_SESSION['did']))
header("Location:distributor/");
else if(isset($_SESSION['aid']))
header("Location:admin/");
?>
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Gas Booking Portal</title>
<link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" href="assets/fonts/font-awesome.min.css">
<link rel="stylesheet" href="assets/css/user.css">
<link rel="icon" href="fev.png" type="image/png" />
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
<style>
input[type=number]::-webkit-inner-spin-button,
input[type=number]::-webkit-outer-spin-button {
 -webkit-appearance: none;
-moz-appearance: none;
appearance: none;
margin: 0;
}
input[type=number]{
-moz-appearance:textfield;
}

#box .row{
margin-top:20px;
}
```

```
textarea {
resize: none;
}
</style>
</head>
<body>
<nav class="navbar navbar-default">
<div class="container">
<div class="navbar-header"><a href="index.php" class="navbar-brand navbar-link"><i class="glyphicon glyphicon-fire text-info"></i>Gas Booking Portal</a>
<button data-toggle="collapse" data-target="#navcol-1" class="navbar-toggle collapsed"><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="navcol-1">
<ul class="nav navbar-nav navbar-right">
<li role="presentation" class="active"><a href="index.php"><i class="fa fa-home"></i> Home </a></li>
<li role="presentation"><a href="#" data-toggle="modal" data-target="#signModal"><i class="glyphicon glyphicon-pencil"></i> Sign Up</a></li>
<li role="presentation"><a href="#" data-toggle="modal" data-target="#loginModal"><i class="glyphicon glyphicon-user"></i> Log-In</a></li>
</ul>
</div>
</div>
</nav>
<div class="jumbotron hero">
<div class="modal fade" role="dialog" tabindex="-1" id="signModal">
<div class="modal-dialog" role="document">
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal" aria-label="Close"><span aria-hidden="true">×</span></button>
```

```
<h4 class="modal-title">Sign Up</h4></div>
<div class="modal-body">/
<!--<p>The content of your modal.</p>-->
<ul class="nav nav-pills">
<li class="active"><a data-toggle="pill" href="#con">New Consumer</a></li>
<li><a data-toggle="pill" href="#dis">New Distributor</a></li>
</ul>
<div class="tab-content">
<div id="con" class="tab-pane fade in active">
<br>
<p class='text-success'>Only valid Consumers to register on the site. Please ensure you give a correct mobile no. that mapped with your Customer ID. All future notifications will be sent to this mobile no. only.</p>
<form class="bootstrap-form-with-validation" onSubmit="return sub();" method="post">
<!--<h2 class="text-center">Bootstrap form basic</h2>-->
<div class="form-group">
<label class="control-label" for="text-input">Consumer ID</label>
<input class="form-control" type="number" name="conid" id="conid" min=1 max=9999999999 required />
</div>
<div class="form-group">
<label class="control-label" for="text-input" >Mobile<small> (Without Country Code & Only 10 Digits.)</small></label>
<input class="form-control" type="text" name="cmno" id="cmno" pattern="[1-9]{1}[0-9]{9}" title="At least Ten Digits" maxlength=10 required />
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Password Input</label><small> (Must contain at least 6 or more characters)</small>
<input class="form-control" type="password" name="pass" id="password" pattern=".{6,}" title="Six or more characters" required maxlength=16/>
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Confirm Password</label>
<input class="form-control" type="password" name="cpass" id="cpass" required maxlength=16/>
```

```
<script>
var password = document.getElementById("password")
  , confirm_password = document.getElementById("cpass");
function validatePassword(){
if(password.value != confirm_password.value) {
confirm_password.setCustomValidity("Passwords Don't Match");
}
else {
confirm_password.setCustomValidity('');
}
}
password.onchange = validatePassword;
confirm_password.onkeyup = validatePassword;
</script>
</div>
<div class="form-group">
<button class="btn btn-primary btn-block" type="submit"
name="ncon_sub">Submit</button>
<br>
<p id='msg' class="text-danger"></p>
</div>
</form>
<script>
 function sub()
{
var name = $("#conid").val();
var mno = $("#cmno").val();
var pass = $("#cpass").val();
$.ajax({
type: "POST",
url: "ncon.php",
data:
"conid="+name+"&cmno="+mno+"&cpass="+pass,
success: function(html)
{
$('#msg').html(html);
var chk=document.getElementById('msg').innerHTML;
```

```
if(chk==='True')
{
alert('You have been successfully registered.');
//location.href= "index.php";
window.location.reload()
}
}
});
return false;
}
</script>
</div>
<div id="dis" class="tab-pane fade">
<br>
<p class='text-success'>After this process we will verify you.</p>
<form class="bootstrap-form-with-validation" method="post"
id="new_con_form">
<div class="form-group">
<label class="control-label" for="text-input">Distributor Name</label>
<input class="form-control" type="text" name="dname" id="dname"
maxlength=20 required />
</div>
<div class="form-group">
<label class="control-label" for="textarea-input">Address </label>
<textarea class="form-control" name="dadd" id="dadd" maxlength=100
required></textarea>
</div>
<div class="form-group">
<label for="inputState">City</label>
<select id="dcity" name="dcity" class="form-control" required>
<option value='Ahmedabad'>Ahmedabad</option>
<option value='Surat'>Surat</option>
<option value='Vadodara'>Vadodara</option>
<option value='Bhavnagar'>Bhavnagar</option>
</select>
</div>
<div class="form-group">
```

```
<label for="inputZip">Pin-Code</label>
<input type="text" class="form-control" id="dpin" name="dpin"
pattern=".{6,}" title="Six Digits" maxlength=6 required>
</div>
<div class="form-group">
<label class="control-label" for="email-input">Email</label>
<input class="form-control" type="email" name="demail" id="demail"
maxlength=30 required />
</div>
<div class="form-group">
<label class="control-label" for="text-input" >Mobile<small> (Without
Country Code & Only 10 Digits.)</small></label>
<input class="form-control" type="text" name="dmno" id="dmno" pattern="[1-
9]{1}[0-9]{9}" title="At least Ten Digits" maxlength=10 required/>
</div>
<div class="form-group">
<label class="control-label" for="text-input" >Identification Proof<small>
(Only PAN card accepted & It must be image and size sould be
&lt;2MB)</small></label>
<input class="form-control" type="file" name="id_img" required />
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Password
Input</label><small> (Must contain at least 6 or more characters)</small>
<input class="form-control" type="password" name="dpass" id="dpass"
maxlength=16 pattern=".{6,}" title="Six or more characters" required/>
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Confirm Password</label>
<input class="form-control" type="password" name="dcpass" id="dcpass"
maxlength=16 required />
<script>
var password = document.getElementById("dpass")
  , confirm_password = document.getElementById("dcpass");
function validatePassword(){
if(password.value != confirm_password.value) {
confirm_password.setCustomValidity("Passwords Don't Match");
```

```
  }
else {
 confirm_password.setCustomValidity('');
 }
}
password.onchange = validatePassword;
confirm_password.onkeyup = validatePassword;
</script>
</div>
<div class="form-group">
<button class="btn btn-primary btn-block" type="submit"
name="ncon_sub">Submit</button>
<br>
<p id='dmsg' class="text-danger"></p>
</div>
</form>
<script>
$(document).ready(function (e) {
$("#new_con_form").on('submit',(function(e) {
e.preventDefault();
$.ajax({
url: "ndis.php",
type: "POST",
data:  new FormData(this),
contentType: false,
cache: false,
processData:false,
success: function(html)
{
$("#dmsg").html(html);
var chk=document.getElementById('dmsgg').innerHTML;
if(chk==='True')
{
alert('Your response has been registered, After verification we will notify you.');
window.location.reload()
}
}
```

```
});
}));
});
</script>
</div>
</div>
</div>
<div class="modal-footer">
<button class="btn btn-default" type="button" data-
dismiss="modal">Close</button>
<!--<button class="btn btn-primary" type="button">Save</button>-->
</div>
</div>
</div>
</div>
<div class="modal fade" role="dialog" tabindex="-1" id="loginModal">
<div class="modal-dialog" role="document">
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">×</span></button>
<h4 class="modal-title">Log-In</h4></div>
<div class="modal-body">
<p><b>Select your role</b></p>
<ul class="nav nav-pills">
<li class="active"><a data-toggle="pill" href="#conLogin">Consumer</a></li>
<li><a data-toggle="pill" href="#disLogin">Distributor</a></li>
<li><a data-toggle="pill" href="#adminLogin">Admin</a></li>
</ul>
<div class="tab-content">
<div id="conLogin" class="tab-pane fade in active">
<form class="bootstrap-form-with-validation" onSubmit="return cl_sub();"
method="post">
<br>
<div class="form-group">
<label class="control-label" for="text-input">Consumer ID</label>
```

```
<input class="form-control" type="number" name="Lconid" id="Lconid"
min=1 max=9999999999 required />
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Password
Input</label><small> (Must contain at least 6 or more characters)</small>
<input class="form-control" type="password" name="Lcpass" id="Lcpass"
pattern=".{6,}" title="Six or more characters" required maxlength=16/>
</div>
<div class="form-group">
<button class="btn btn-primary" type="submit" name="c_login">Log-
In</button>
<a href="fg_pwd.php?con" target="_parent" class="btn btn-primary"
onclick="window.open('fg_pwd.php?con','newwindow','width=400,height=350'
);return false;"> Forgot Password?</a>
<br><br>
<p class="text-danger" id='clmsg'></p>
</div>
</form>
<script>
function cl_sub()
{
var conid = $("#Lconid").val();
var cpass = $("#Lcpass").val();
$.ajax({
type: "POST",
url: "c_log.php",
data:
"conid="+conid+"&cpass="+cpass,
success: function(html)
{
$('#clmsg').html(html);
var chk=document.getElementById('clmsg').innerHTML;
if(chk==='True')
{
alert('You have been successfully logged in.');
location.href= "consumer/";
```

```
//window.location.reload()
}
}
});
return false;
}
</script>
</div>
<div id="disLogin" class="tab-pane fade in">
<form class="bootstrap-form-with-validation" onSubmit="return dl_sub();"
method="post">
<br>
<div class="form-group">
<label class="control-label" for="text-input">Distributor ID</label>
<input class="form-control" type="number" name="Ldisid" id="Ldisid" min=1
max=99999 required />
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Password</label><small>
(Must contain at least 6 or more characters)</small>
<input class="form-control" type="password" name="Ldpass"



id="Ldpass" pattern=".{6,}" title="Six or more characters" required
maxlength=16/>
</div>
<div class="form-group">
<button class="btn btn-primary" type="submit" name="d_login">Log-
In</button>
<a href="fg_pwd.php?dis" target="_parent" class="btn btn-primary"
onclick="window.open('fg_pwd.php?dis','newwindow','width=400,height=350')
;return false;"> Forgot Password?</a>
<br><br>
<p class="text-danger" id='dlmsg'></p>
</div>
</form>
```

```
<script>
function dl_sub()
{
var disid = $("#Ldisid").val();
var dispass = $("#Ldpass").val();
$.ajax({
type: "POST",
url: "d_log.php",
data: "disid="+disid+"&dispass="+dispass,
success: function(html)
{
$('#dlmsg').html(html);
var chk=document.getElementById('dlmsg').innerHTML;
if(chk==='True')
{
alert('You have been successfully logged in.');
location.href= "distributor/";
//window.location.reload()
}
}
});
return false;
}
</script>
</div>
<div id="adminLogin" class="tab-pane fade in">
<form class="bootstrap-form-with-validation" onSubmit="return al_sub();"
method="post">
<br>
<div class="form-group">
<label class="control-label" for="text-input">Admin ID</label>
<input class="form-control" type="text" name="Ladid" id="Ladid" min=1
max=9999999999 required />
</div>
<div class="form-group">
<label class="control-label" for="password-input" >Password
Input</label><small> (Must contain at least 6 or more characters)</small>
```

```
<input class="form-control" type="password" name="Ladpass" id="Ladpass"
pattern=".{6,}" title="Six or more characters" required maxlength=16/>
</div>
<div class="form-group">
<button class="btn btn-primary btn-block" type="submit"
name="ad_login">Log-In</button>
<br><br>
<p class="text-danger" id='almsg'></p>
</div>
</form>
<script>
function al_sub()
{
var aid = $("#Ladid").val();
var apass = $("#Ladpass").val();
$.ajax({
type: "POST",
url: "admin_log.php",
data: "aid="+aid+"&apass="+apass,
success: function(html)
{
$('#almsg').html(html);
var chk=document.getElementById('almsg').innerHTML;
if(chk==='True')
{
alert('You have been successfully logged in.');
location.href= "admin/";
//window.location.reload()
}
}
});
return false;
}
</script>
</div>
</div>
</div>
```

```
<div class="modal-footer">
<button class="btn btn-default" type="button" data-
dismiss="modal">Close</button>
<!--<button class="btn btn-primary" type="button">Save</button>-->
</div>
</div>
</div>
</div>
<!--
<div class="container">
<div class="row">
<div class="col-md-4 col-md-push-7 phone-preview">
<div class="iphone-mockup"><img src="assets/img/iphone.svg"
class="device">
<div class="screen"></div>
</div>
</div>
<div class="col-md-6 col-md-pull-3 get-it">
<h1>Our Fantastic App</h1>
<p>Nullam id dolor id nibh ultricies vehicula ut id elit. Cras justo odio, dapibus
ac facilisis in, egestas eget quam.</p>
<p><a class="btn btn-primary btn-lg" role="button" href="#"><i class="fa fa-
apple"></i> Available on the App Store</a><a class="btn btn-success btn-lg"
role="button" href="#"><i class="fa fa-google"></i> Available on Google
Play</a></p>
</div>
</div>
</div> -->
<div class="carousel slide" data-ride="carousel" id="carousel-1">
<div class="carousel-inner" role="listbox">
<div class="item active"><img style=" margin: 0 auto;" src="assets/img/1.jpg"
alt="First Image"></div>
<div class="item"><img style=" margin: 0 auto;" src="assets/img/2.jpg"
alt="Second Image"></div>
<div class="item"><img style=" margin: 0 auto;" src="assets/img/3.jpg"
alt="Third Image"></div>
```

```
<div class="item"><img style=" margin: 0 auto;" src="assets/img/4.jpg"
width="1000px" height="400px" alt="Fourth Image"></div>
</div>
<div><a class="left carousel-control" href="#carousel-1" role="button" data-
slide="prev"><i class="glyphicon glyphicon-chevron-left"></i><span
class="sr-only">Previous</span></a><a class="right carousel-control"
href="#carousel-1" role="button"
 data-slide="next"><i class="glyphicon glyphicon-chevron-right"></i><span
class="sr-only">Next</span></a></div>
<!--
<ol class="carousel-indicators">
<li data-target="#carousel-1" data-slide-to="0" class="active"></li>
<li data-target="#carousel-1" data-slide-to="1"></li>
<li data-target="#carousel-1" data-slide-to="3"></li>
<li data-target="#carousel-1" data-slide-to="4"></li>
</ol>
-->
</div>
</div>
<section class="testimonials">
<h2 class="text-center">Safety Tips For LPG Home - Do’s & Don’ts</h2>
<div class="container ">
<div class="row" id='box'>
<div class="col-md-6">
<div class="row">
<div class="col-md-12" style="text-align:center">
<u><h3><span class="glyphicon glyphicon-ok text-success"></span>
DO'S</h3></u>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-success" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/a1.png" />
</div>
<div class="col-md-9">
<h4>Use LPG in Ventilated Area</h3>
```

```
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-success" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/a2.png" />
</div>
<div class="col-md-9">
<h4>Before connecting, check for LPG leakage</h3>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-success" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/a3.png" />
</div>
<div class="col-md-9">
<h4>Close the regulator knob once you finish cooking</h3>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-success" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/a4.png" />
</div>
<div class="col-md-9">
<h4>Always keep the cylinder vertical, upright during usage and storage</h3>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-success" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/a5.png" />
</div>
<div class="col-md-9">
<h4>Always install LPG pipeline above ground level</h3>
</div>
```

```
</div>
</div>
<div class="col-md-6">
<div class="row">
<div class="col-md-12" style="text-align:center">
<u><h3><span class="glyphicon glyphicon-remove text-danger"></span>
DON'T</h3></u>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-danger" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/b1.png" />
</div>
<div class="col-md-9">
<h4>Don’t place cylinders in closed areas.</h3>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-danger" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/b2.png" />
</div>
<div class="col-md-9">
<h4>Do not use any flammable objects near or over the burner</h3>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-danger" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/b3.png" />
</div>
<div class="col-md-9">
<h4>Do not switch on or off any lights or electrical equipment, smoke or use
naked flames incase of leakage</h3>
</div>
</div>
```

```
<div class="row">
<div class="col-md-3">
<img class="bg-danger" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/b4.png" />
</div>
<div class="col-md-9">
<h4>Do not roll the cylinder</h3>
</div>
</div>
<div class="row">
<div class="col-md-3">
<img class="bg-danger" style="padding:10px; width:60px;height:60px"
src="assets/img/tips/b5.png" />
</div>
<div class="col-md-9">
<h4>Never store LPG in basement, cellar, elevated platforms</h3>
</div>
</div>
</div>
</div>
</div>
<!—
<blockquote>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer posuere erat
a ante.</p>
<footer>Famous tech website</footer>
</blockquote>
-->
</section>
<section class="features">
<div class="container">
<div class="row">
<div class="col-md-6">
<h2>Get in touch</h2>
<form action="mailto:kd.lukhi99@gmail.com" method="post"
enctype="text/plain">
<div class="form-group">
```

```
<input id="name" type="text" class="form-control" name="name"
placeholder="Name" required>
</div>
<div class="form-group">
<input id="email" type="email" class="form-control" name="email"
placeholder="Email" required>
</div>
<div class="form-group">
<input id="mno" type="number" class="form-control" name="mno"
placeholder="Mobile No."  max=9999999999 required>
</div>
<div class="form-group">
<textarea id="msg" name="msg" class="form-control" rows="5" id="comment"
placeholder="Message" required></textarea>
</div>
<button type="submit" class="btn btn-default btn-block bg-success"><span
class="glyphicon glyphicon-send"></span> Submit</button>
</form>
</div>
<div class="col-md-6">
<br>
<div id="map" style="width:100%;height:400px;border-radius:5px"></div>
<script>
function myMap() {
var myCenter = new google.maps.LatLng(22.6064729,72.8165446);
var mapCanvas = document.getElementById("map");
var mapOptions = {center: myCenter, zoom: 13};
var map = new google.maps.Map(mapCanvas, mapOptions);
var marker = new google.maps.Marker({position:myCenter});
marker.setMap(map);
}
</script>
<script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyDekdn4w7om4HjEg
GDb75-pJV_S3gOJBPU&callback=myMap"></script>
</div>
</div>
```

```
</div>
</section>
<footer class="site-footer">
<div class="container">
<div class="row">
<div class="col-sm-6">
<h5>Copyright © 2018</h5></div>
</div>
</div>
</footer>
<script src="assets/js/jquery.min.js"></script>
<script src="assets/bootstrap/js/bootstrap.min.js"></script>
</body>
</html>
```

//adminindex.php

```
<?php
session_start();
include_once('../includes/db_con.php');
if(isset($_SESSION['aid']))
{
$title='Admin-Dashboard';
$path='design/';
include_once('design/header.php');
echo '
<style>
.b{
padding:10px;
padding-top:20px;
margin:5px;
color:white;
box-shadow: 0 1px 3px rgba(0,0,0,0.12), 0 1px 2px rgba(0,0,0,0.24);
transition: all 0.3s cubic-bezier(.25,.8,.25,1);
}
.b:hover
{
box-shadow: 0 14px 28px rgba(0,0,0,0.25), 0 10px rgba(0,0,0,0.22);
}
```

```
.row .glyphicon {
font-size: 60px;
padding:10px;
}
</style>
';
$tc = mysqli_fetch_row(mysqli_query($conn,"select count(cid) from
consumer_detail"))[0];
$td = mysqli_fetch_row(mysqli_query($conn,"selectcount(did) from
distributor_detail"))[0];
$tfc = mysqli_fetch_row(mysqli_query($conn,"select count(subject) from
feedback_complain"))[0];
//order fetch
$po = mysqli_fetch_row(mysqli_query($conn,"select count(oid) from
order_detail where status='Pending'"))[0]; //Pending
$ao = mysqli_fetch_row(mysqli_query($conn,"select count(oid) from
order_detail where status='Approved'"))[0]; //Approved
$ofdo = mysqli_fetch_row(mysqli_query($conn,"select count(oid) from
order_detail where status='Out for delivery'"))[0]; //Out for delivery
$do = mysqli_fetch_row(mysqli_query($conn,"select count(oid) from
order_detail where status='Delivered'"))[0]; //Delivered
echo '
<div class="container">
<br>
<div class="panel panel-default">
<div class="panel-heading"><h2>'.$title.'</h2></div>
<div class="panel-body">
<div class="row" style="padding:10px">
<div class="col-sm-4">
<div class="b row" style="background:#00b8d4">
<div class="col-md-4">
<span class="glyphicon glyphicon-user"></span>
</div>
<div class="col-md-8">
<h4><strong>Total Consumers</strong></h4>
<h3>'.$tc.'</h3>
</div>
```

```
</div>
</div>
<div class="col-sm-4">
<div class="b row" style="background:#00c853">
<div class="col-md-4">
<span class="glyphicon glyphicon-user"></span>
</div>
<div class="col-md-8">
<h4><strong>Total Distributors</strong></h4>
<h3>'.$td.'</h3>
</div>
</div>
</div>
<div class="col-sm-4">
<div class="b row" style="background:#455a64">
<div class="col-md-4">
<span class="glyphicon glyphicon-list-alt"></span>
</div>
<div class="col-md-8">
<h4><strong>Feedback & Complaints</strong></h4>
<h3>'.$tfc.'</h3>
</div>
</div>
</div>
</div>
<!-- order chart -->
<!-- MDB core JavaScript -->
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/mdbootstrap/4.5.0/js/mdb.min.js"></
script>
<div class="row" style="padding:30px">
<div class="col-sm-12" style="box-shadow: 0 1px 3px rgba(0,0,0,0.12), 0 1px
2px rgba(0,0,0,0.24);">
<h3 style="text-align:center">Orders statistics</h3>
<canvas id="doughnutChart"></canvas>
</div>
</div>
```

```
<script>
//doughnut
var ctxD = document.getElementById("doughnutChart").getContext("2d");
var myLineChart = new Chart(ctxD, {
type: "doughnut",
data: {
labels: ["Pending", "Approved", "Out for delivery", "Delivered"],
datasets: [
{
data: ['.$po.','.$ao.','.$ofdo.','.$do.'],
backgroundColor: ["#F7464A", "#46BFBD", "#FDB45C", "#949FB1"],
hoverBackgroundColor: ["#FF5A5E", "#5AD3D1", "#FFC870", "#A8B3C5"]
}
]
},
options: {
responsive: true
}
});
</script>
</div>
</div>
</div>
';
include_once('design/footer.php');
}
else{
        header('Location:../index.php');
}
?>
```

Project Work On

"RAILWAY MANAGEMENT SYSTEM"

Project Submitted to the

DEPARTMENT OF COMPUTER SCIENCE

St.Mary's College (Autonomous), Thoothukudi

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

Affiliated to

Manonmaniam Sundaranar University,Tirunelveli

For the Partial Fulfilment of the requirements for the award of degree in

Bachelor of Computer Science



Submitted by

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This is to certify that the project report entitled "RAILWAY MANAGEMENT SYSTEM" is the Bonafide work done by

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

ABSTRACT

We have developed a website “RAILWAY MANAGEMENT SYSTEM“ which will help the users to find train details, booking informationand the exact rates of their tickets to the desired destination. The website is developed by using PHP and MySQL.

With the help of online booking, people can book their tickets online through internet, sitting in their home by a single click of mouse.

We have two modules, Admin login and User login.

Admin managedusual train schedule , special train schedule and booking. The availabilityof trainsand routesare managed by admin. The payment used through pay stack website.

In User module, the new passenger can signup and come in for ticket booking.After the ticket booking the ticket is saved in print format. Then the payment is through online pay stack website

After the payment success,user can view payment history, booking details. Then the passenger can give the feedback.

The online railway ticket booking system (IRCTC) is already provided by our Government.Our website is flexible, convenient and very user friendly compared to IRCTC. If time permit we will add some more features.

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INTRODUCTION

1. INTRODUCTION

"RAILWAYMANAGEMENTSYSTEM" is basically concerned with the reservation of railway tickets to the passengers. The need of this system arose because as is the known fact that India has the largest railway network in the whole of the world and to handle it manually is quite a tough job. By computerizing it, we will be able to overcome many of its limitations and will be able to make it more efficient. The handling of data and records for such a vast system is a very complex task if done manually but it can be made much easier if the system is computerized.

To be more specific, our system is limited in such a way that a train starting from a particular source will have a single destination

The basic functions being performed by our system are:

1. RESERVATION
2. FARE

These functions will be handled with the help of following sub functions: -

- It reserves seats for the passenger.
- It contains information about the trains.
- It contains information about the passenger.
- It contains the details of reservation fees, any concessions etc.

1.1PROJECT OVERVIEW

Our website has various kinds of information that helps regarding booking of tickets via railways.

Users will be able to search the train availability, the exact fare, the arrival and departure time of the train and they can also book the ticket by using the Pay stack website.

1.2 OBJECTIVE

“RAILWAYMANAGEMENT SYSTEM“ project is to design software to fully automate the process of issuing a railway ticket.

That is:

1. To create a database of the trains

2. To search the trains it's arrival and departure time, distance between source and destination.

3. To check the availability of the ticket.

4. To calculate fare.

5. To book the ticket.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM:

Online railway ticket reservation website, which is capable of

Booking ticket and search the train availability. This website is mainly created to fulfil the,

Following requirements, it comprises of the following properties:

- A central database that will store all information.
- An online website that will provide real-time information about the availability of tickets their price.
- A registered user is able to view his booking id that has been made in his/her name and registered user can change his password any time he wants to change.
- A guest user can search train availability, price of the ticket, arrival and departure time, distance between source and destination etc.
- A registered user has the facilities to print his ticket any time he wishes.

Admin login:

- In admin mode the administrator can make changes in train details.
- He can also view all booking that has been made by different users.

- The booking window contains all the facilities at one place, the user can simply login to his account and can book his ticket.

2.2 PROPOSED SYSTEM:

There are several existing systems for online train booking management, which are widely used by traveller and railway companies around the world. Here are a few examples:

Indian Railway Catering and Tourism Corporation (IRCTC): It is the official website of Indian Railways for booking train tickets, checking train availability, and other related services. It is one of the largest online train booking systems in the world.

Amtrak: It is a US-based passenger railroad service that provides online train booking services for intercity travel in the United States and Canada. It also offers a mobile app for booking and managing train travel.

Eurostar: It is a high-speed train service that connects London with Paris, Brussels, Amsterdam, and other cities in Europe. The Eurostar website offers online train booking, ticket management, and other related services.

Deutsche Bahn: It is a German railway company that offers online train booking services for travel within Germany and to other European destinations. The Deutsche Bahn website also provides real-time train schedules and ticket pricing.

Rail Europe: It is a global distributor of European rail products,including train tickets, rail passes, and other related

services. The Rail Europe website offers online train booking for more than 35 European countries.

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, Tailwind CSS,

BACK END: PHP, JavaScript, Node.js

DATABASE: MySQL

SERVER-SIDE: WAMP

SYSTEM OVERVIEW

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION:

- TRAIN RESERVATION

This form is used for the reservation of ticket. The main Advantage of the form is that it has the easiest of the user interface. This makes it user friendly and easy to use. It has Passenger's name, address, age, date of ticket booking, source and destination station name.

- AVAIL TRAINS

Train enquiry is used for knowing available trains between Two stations. We need to provide source and destination names or codes and then we will be given the train names between those two stations.

- RESERVATION ENQUIRY

This form is used to know if there is any seat available in a train. Here we need to provide date, train number, source and destination stations.

- FEEDBACK

This form is used to know the passengers feedback about the train. How the train facility is and rating it.

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 Linus. 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, PHP MyAdmin allows you to manage your databases easily.

HTML:

The Hyper Text 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 asCascading 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 ques 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 <image> 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 behaviour 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 suchas 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, colours, 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 particularelement. 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 behaviour, 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.

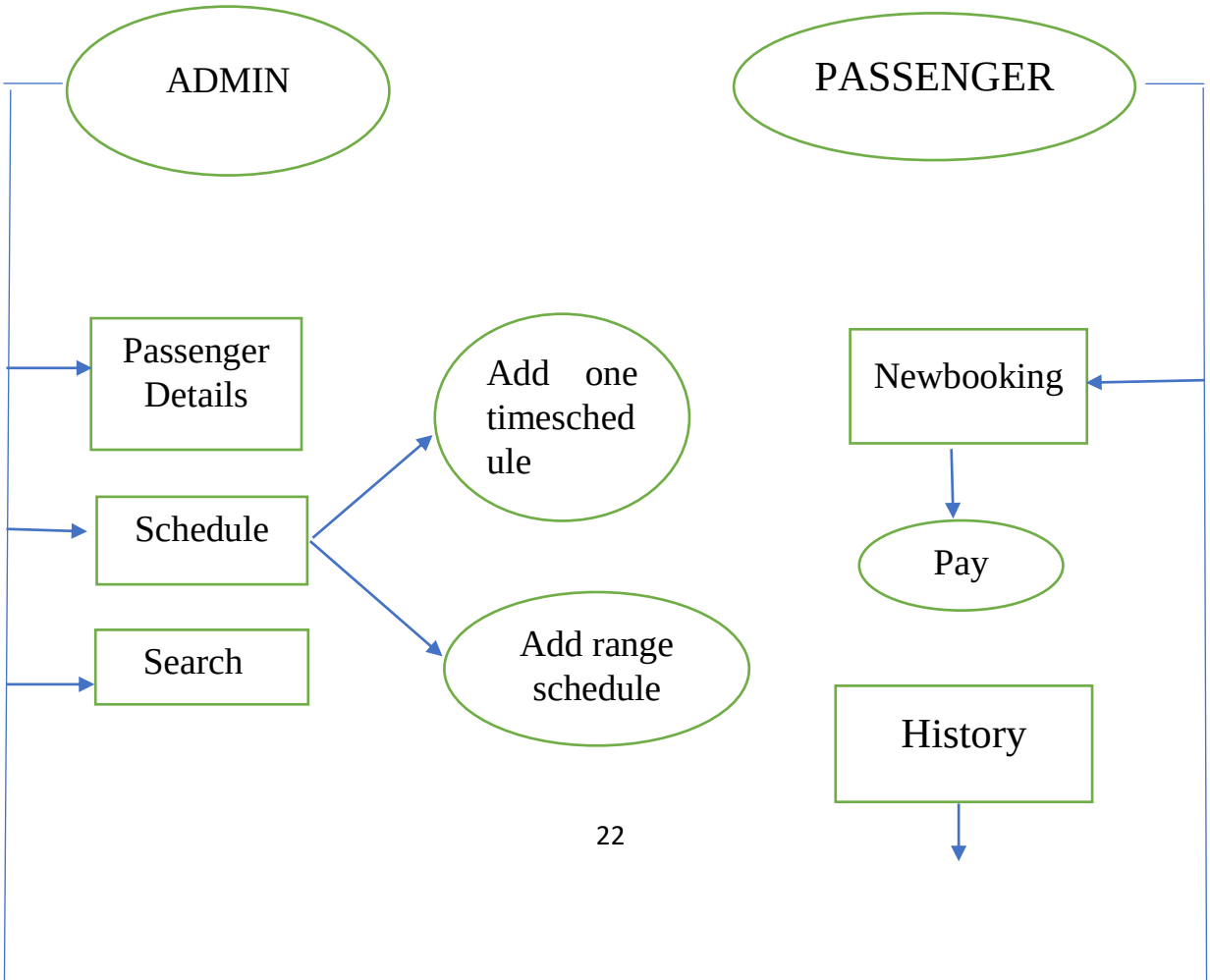
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

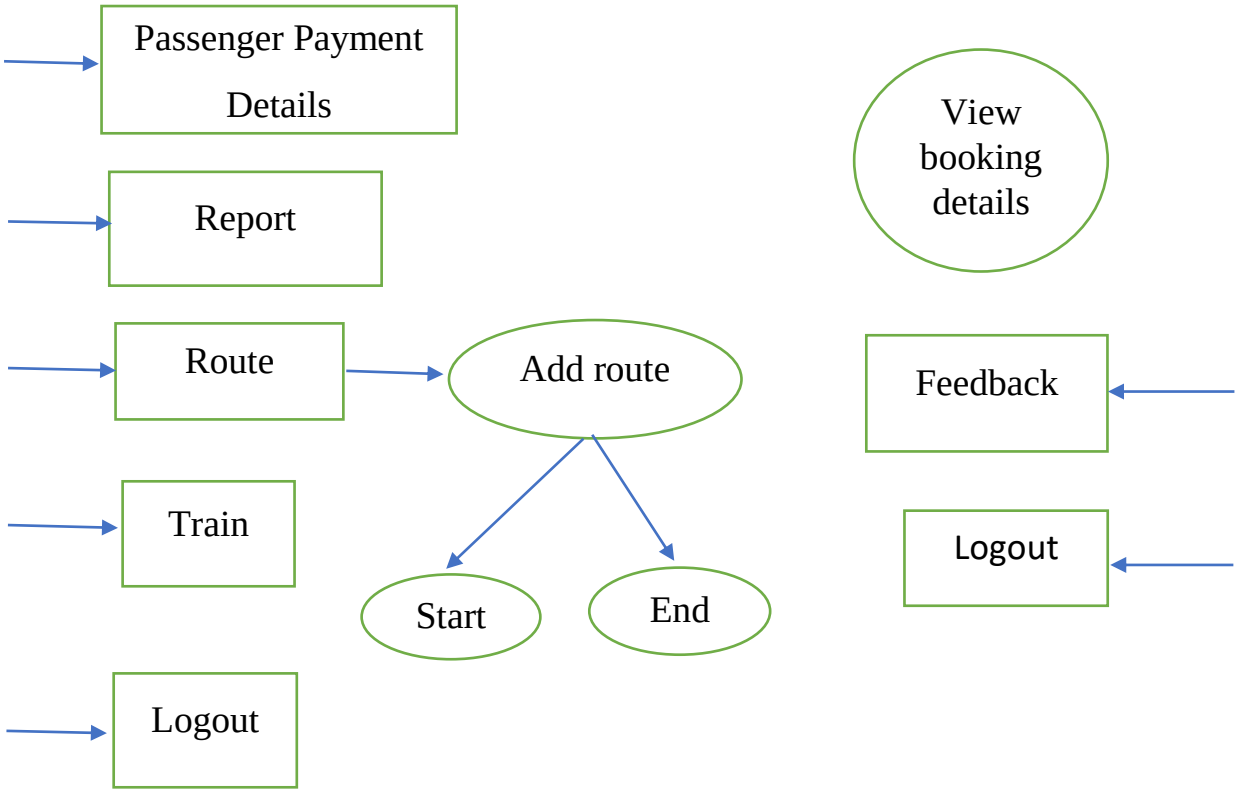
Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia. The most used browser is Google Chrome, with a 63% global market share on all devices, followed by Safari with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

SYSTEM DESIGN

5. SYSTEM DESIGN

5.1 DATAFLOW DIAGRAM:





5.2 DATABASE DESIGN:

Table name: booked

Field	Type	Description
Id	int	Unique ID
Schedule_id	int	Unique ID
Payment_id	int	Unique ID
User_id	int	Unique ID
code	varchar(100)	No of passengers
class	varchar(10)	First class or second class
No	int	Unique ID
Seat	varchar(30)	Passengers seat no
Date	varchar(40)	Booking date

Table name: booked _details

Field	Type	Description
Book_id	Int	Unique id

Book_by	varchar(50)	Passenger name
Book_contact	varchar(15)	Passenger contact
Book_address	varchar(100)	Passenger address
Book_name	varchar(100)	Passenger name
Book_age	Int	Passenger age
Book_gender	varchar(15)	Passenger gender
Schedule_id	int	Unique ID
Class	varchar(100)	First class or second class
Book_tracker	varchar(35)	Unique ID

Table name: feedback

Field	Type	Description
Id	int	Unique ID
User_id	int	Unique ID
message	varchar(400)	Message
response	varchar(400)	Admin response

Table name: passenger

Field	Type	Description
Id	int	Unique ID
Name	varchar(70)	Passenger name
Email	varchar(70)	Passenger e-mail
password	varchar(40)	Passenger password
phone	varchar(11)	Passenger number
address	varchar(200)	Passenger address
loc	varchar(40)	Passenger image
status	int	Accept one image

Table name:payment

Field	Type	Description
Id	int	Unique ID
Passenger_id	int	Unique ID
Schedule_id	int	Unique ID
Amount	varchar	Amount
Ref	varchar	Unique ID
Date	varchar	Payment date
tracker	varchar	Unique ID

Table name: route

Field	Type	Description
Id	int	Unique ID
start	varchar(100)	Arrival
Stop	varchar(100)	Departure

Table name: schedule

Field	Type	Description
Id	int	Unique ID
Train_id	int	Unique ID
Route_id	int	Unique ID
Date	varchar(30)	From toTo date
Time	varchar(10)	Duration
First_fee	float	First class fee
Second_fee	float	Second class fee

Table name: train

Field	Type	Description
Id	int	Unique ID
Name	varchar(80)	Train name
First_seat	int	First class seat available
Second_seat	int	Second class seat available

Table name: users

Field	Type	Description
id	int	Unique ID
Email	varchar	Admin email
password	varchar	Admin password

Table name: webhook_data

Field	Type	Description
Id	int	Unique ID
Data_string	text	Payment ID
Del _flag	int	Delete flag

5.3 INPUT DESIGN:

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

5.4 OUTPUT DESIGN:

Output design generally refers to a results and information that are generated by the system for many end-users .Ouput 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. Meetthe 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 design properties and/or requirements. The element is constructed employing appropriatetechnologies 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

It 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 thefollowing:

- Systems performance
- Peak workload processingperformance
- 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!

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 “RAILWAYMANAGEMENT SYSTEM“

This project is used to keep a track on reserving the seat to the passenger. It helps managing the system very efficiently and conveniently.

Finally, this gives us a lot of mental satisfaction that the project we have worked upon is a real time project, which will be installed at the customer site after some more session of regress testing.

Although the project work has been done in a complete and detailed manner but due to the constraint of time, we could not include some more features we wanted to. We left these features as a part of the future development. As soon as we'll get time we'll try to add them to my project.

FUTURE ENHANCEMENTS

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 online railway ticket booking management system will work as a beneficial and time-saving application and will include user databases individually.

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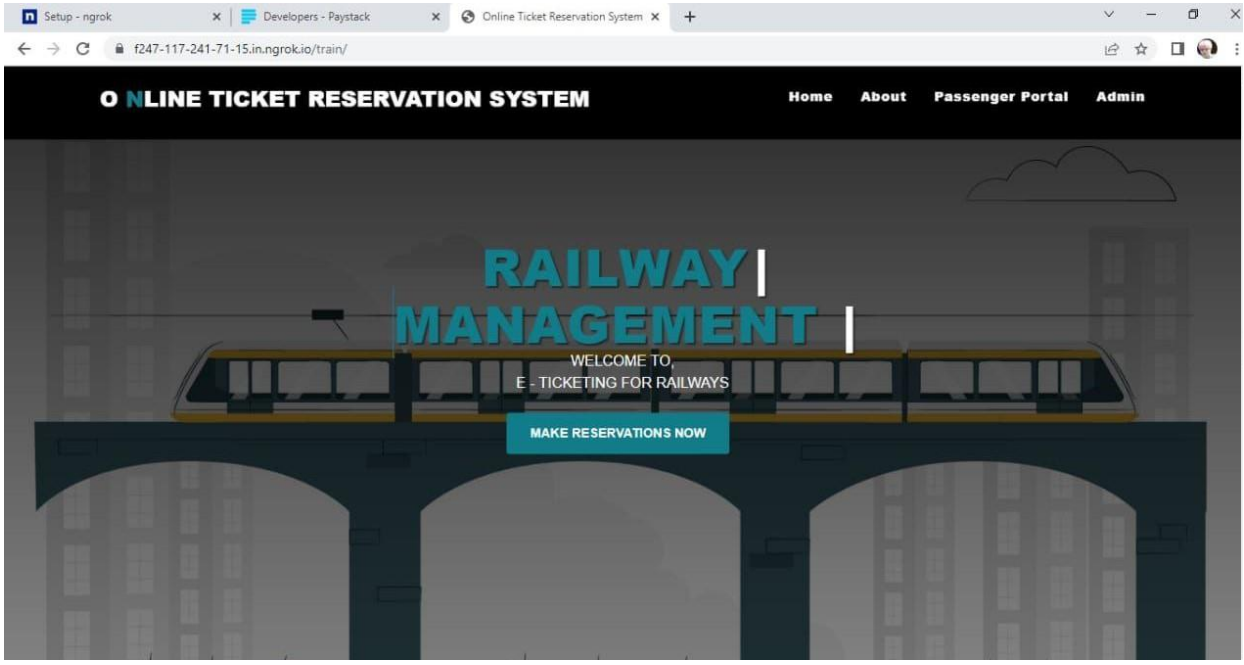
5.http://forum.wampserver.com

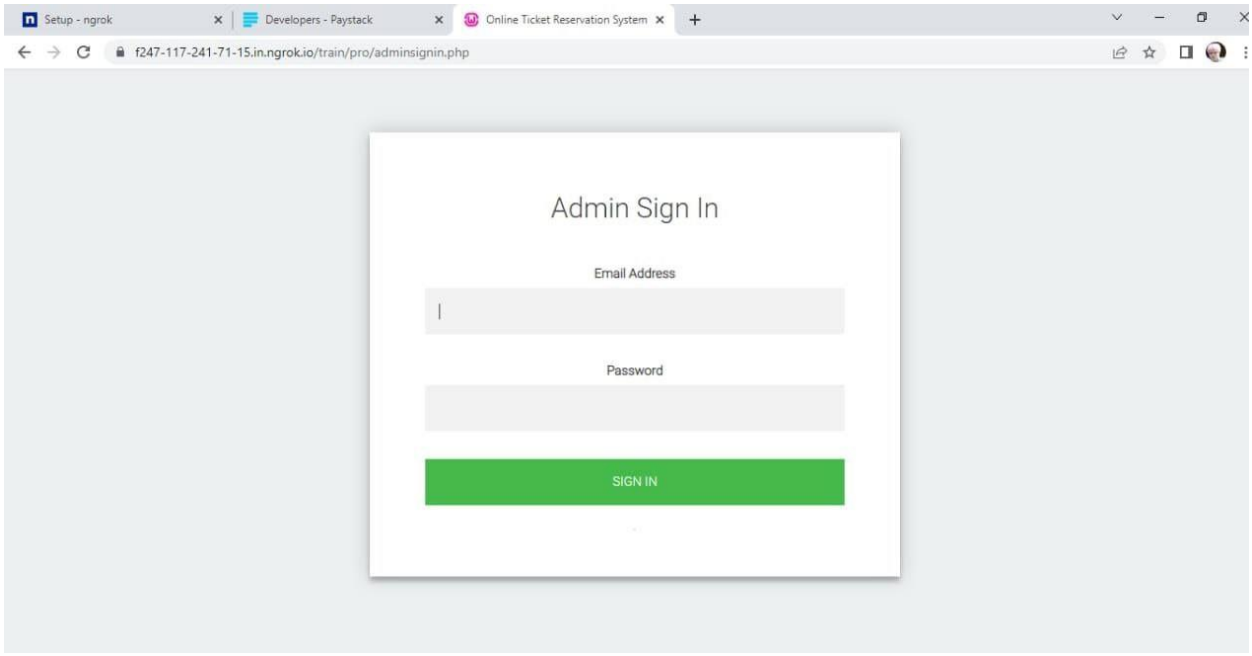
6.https://www.w3schools.com

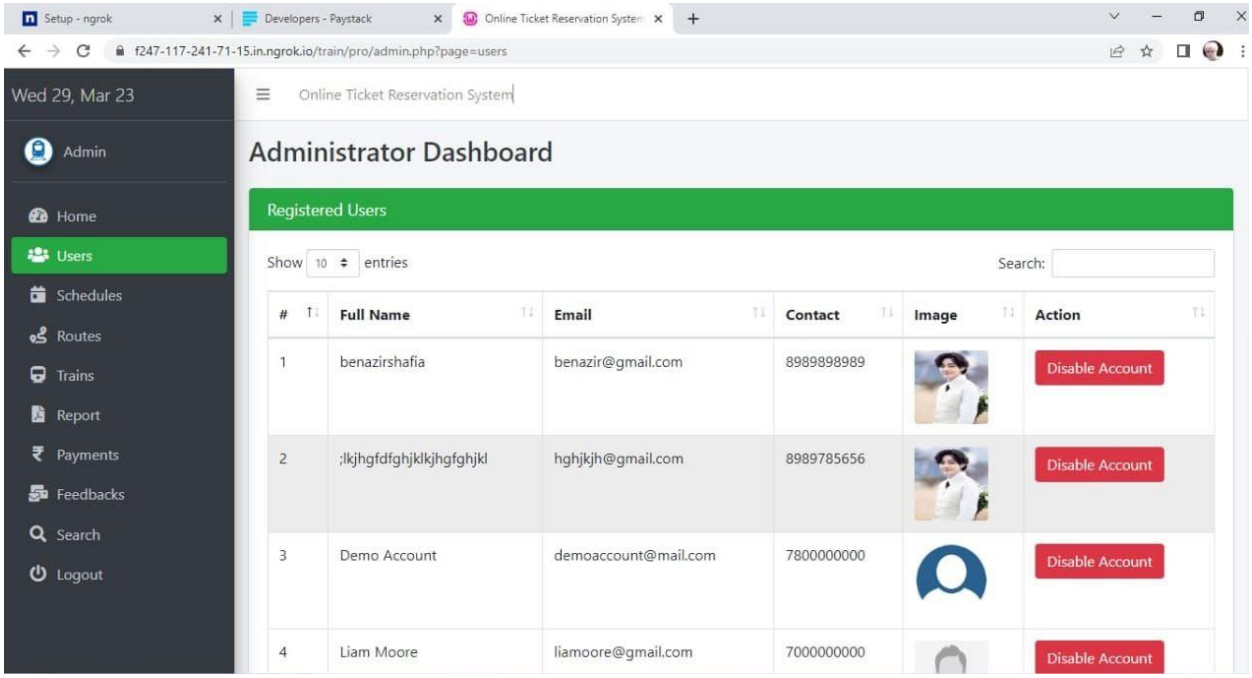
APPENDIX

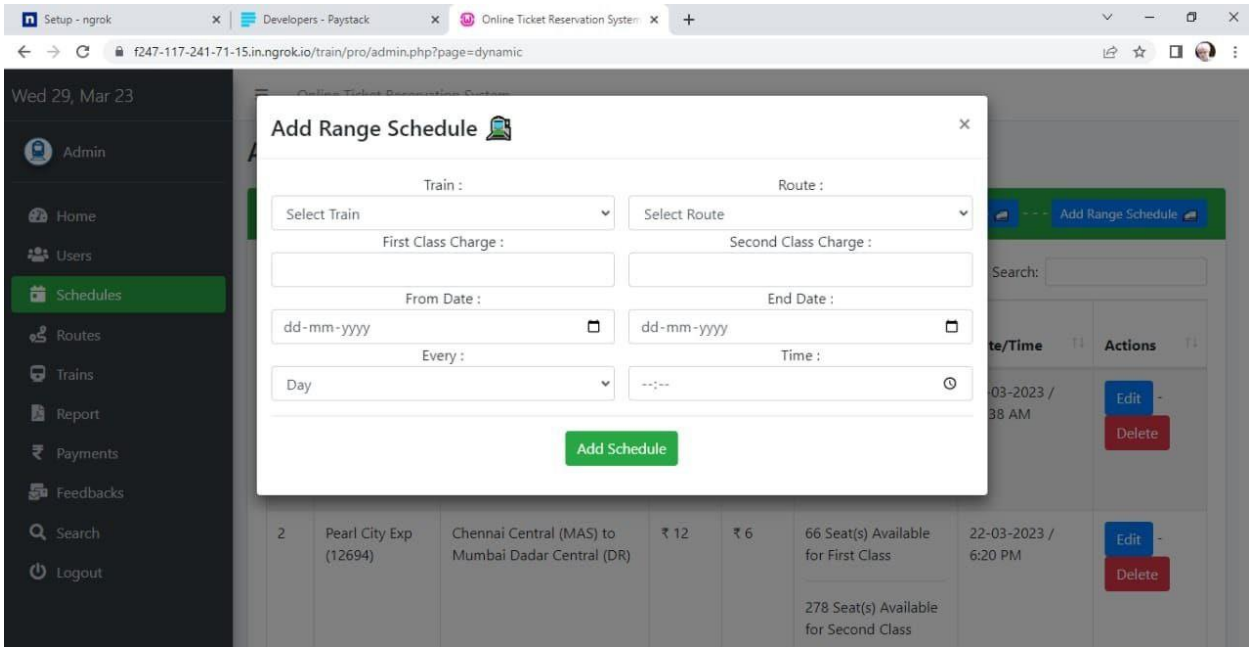
10. APPENDIX

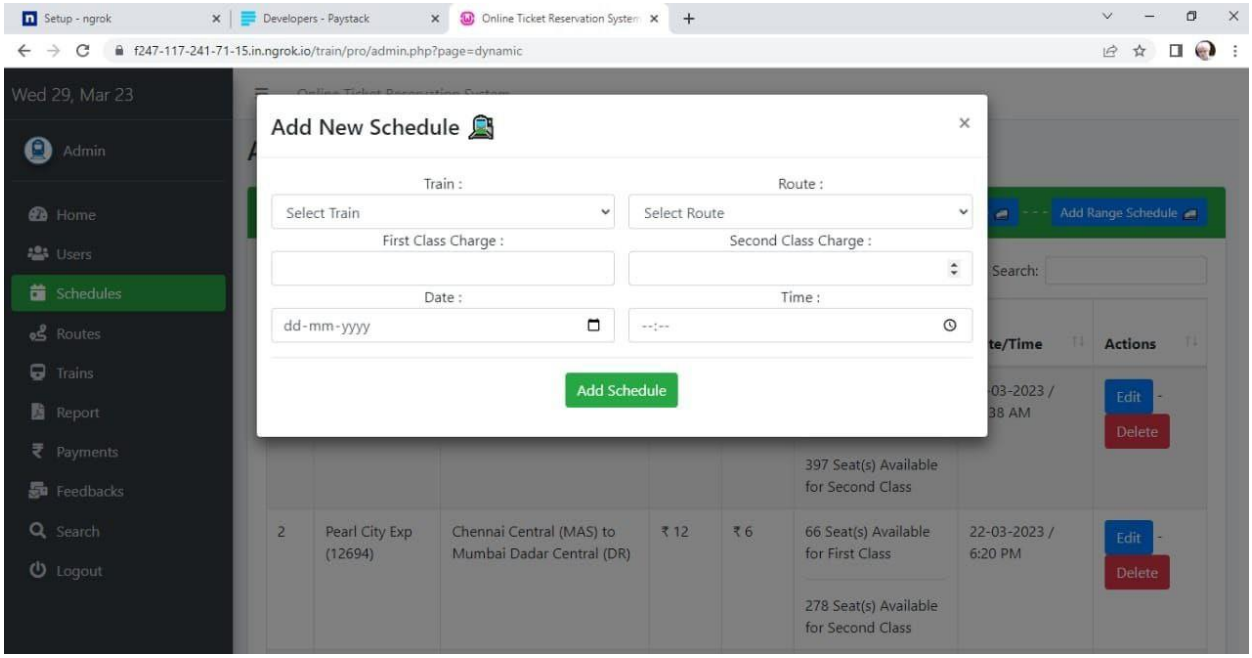
A.SCREENSHOTS

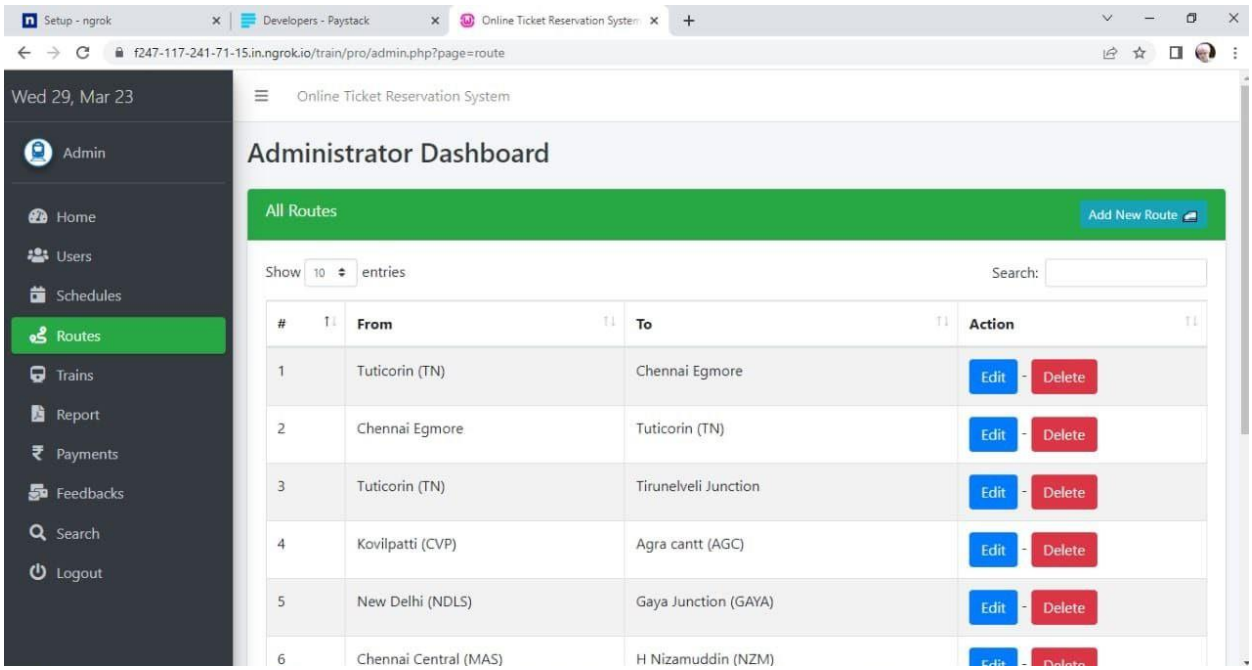

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/
O NLINE TICKET RESERVATION SYSTEM
Home
About
Passenger Portal
Admin
RAILWAY
MANAGEMENT
WELCOME TO,
E - TICKETING FOR RAILWAYS
MAKE RESERVATIONS NOW

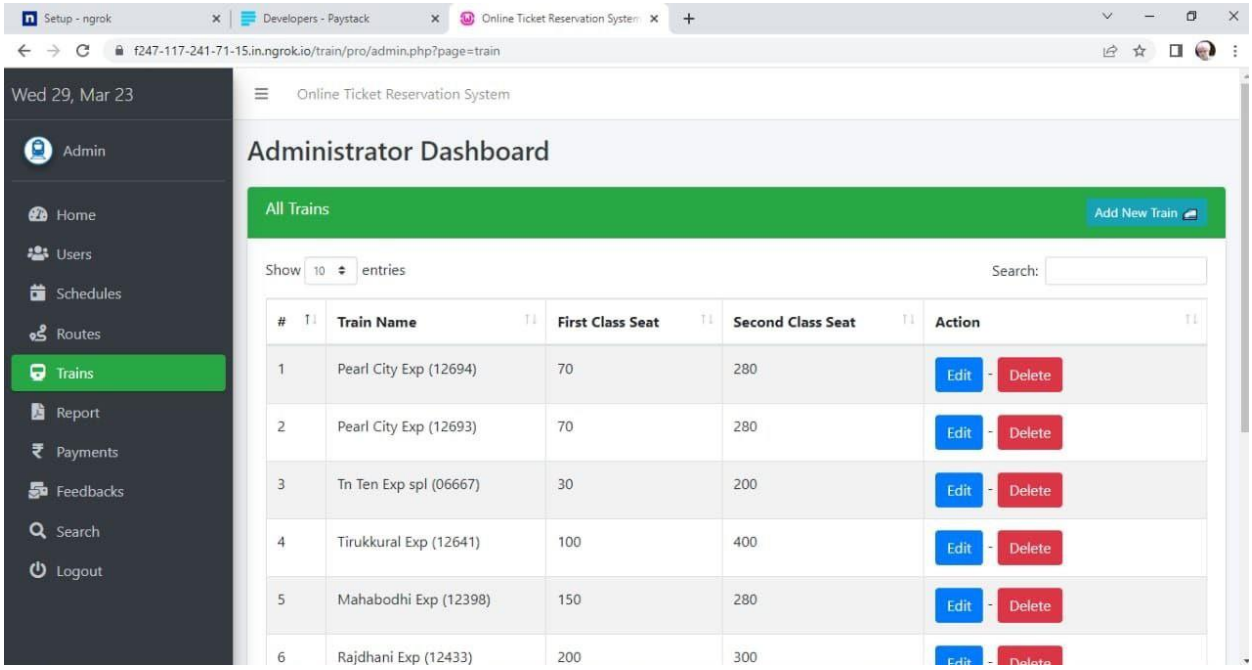

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/adminsignin.php
Admin Sign In
Email Address
Password
SIGN IN

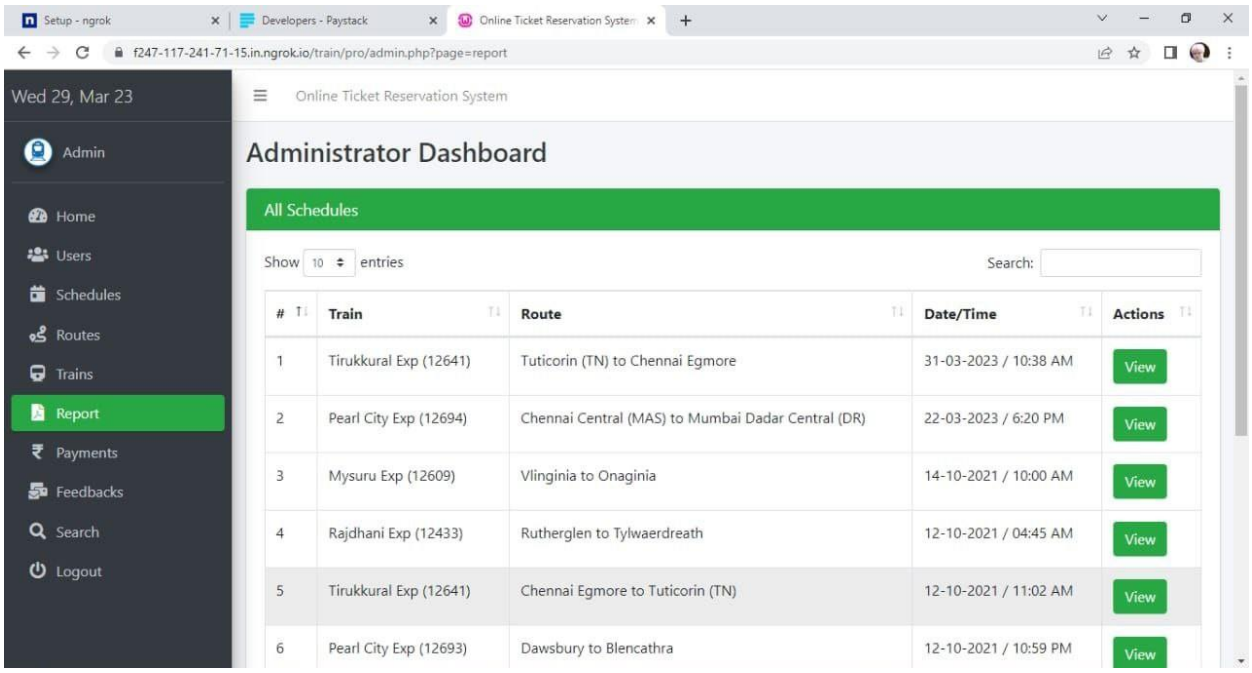

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=users
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Online Ticket Reservation System
Administrator Dashboard
Registered Users
Show 10 entries
Search:
Full Name Email Contact Image Action
1 benazirshafia benazir@gmail.com 8989898989 Disable Account
2 ;lkjhgfdfghjklkjhgfghjkl hghjkjh@gmail.com 8989785656 Disable Account
3 Demo Account demoaccount@mail.com 7800000000 Disable Account
4 Liam Moore liamoore@gmail.com 7000000000 Disable Account

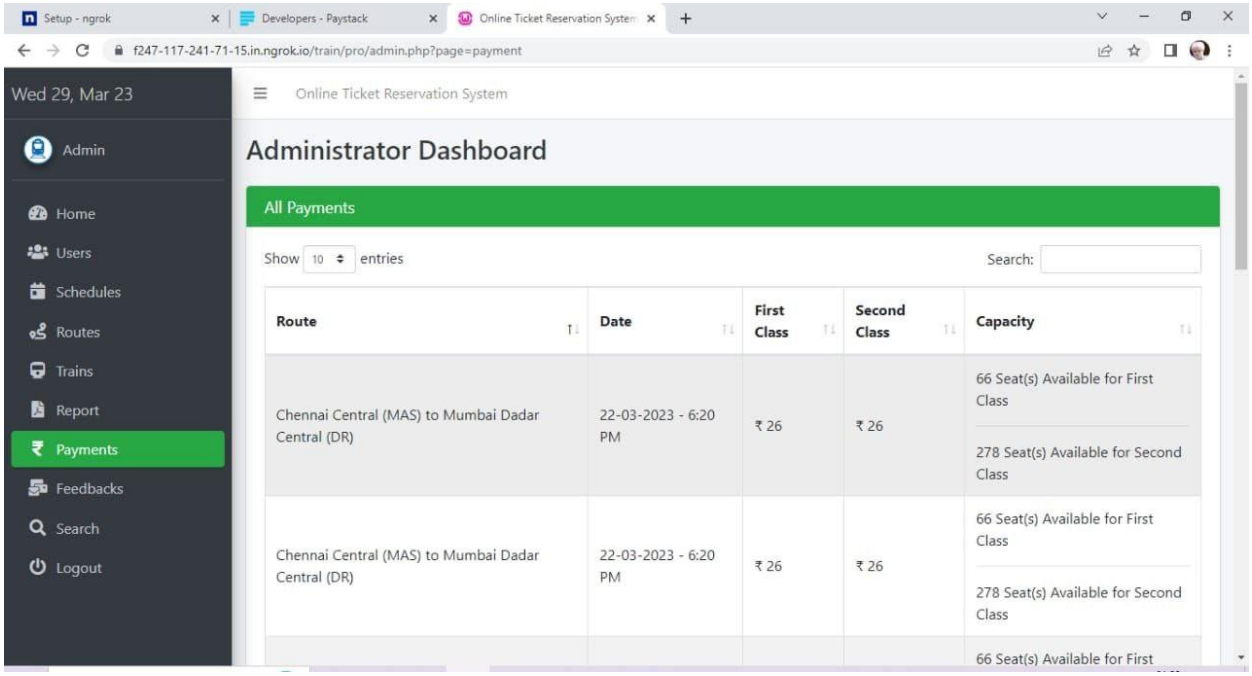

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=dynamic
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Add Range Schedule
Train :
Select Train
Route :
Select Route
First Class Charge :
Second Class Charge :
From Date :
dd-mm-yyyy
End Date :
dd-mm-yyyy
Every :
Day
Time :
--:--
Add Schedule
Add Range Schedule
Search:
Actions
Edit
Delete
2 Pearl City Exp (12694) Chennai Central (MAS) to Mumbai Dadar Central (DR) ₹ 12 ₹ 6 66 Seat(s) Available for First Class 278 Seat(s) Available for Second Class 22-03-2023 / 6:20 PM
Edit
Delete

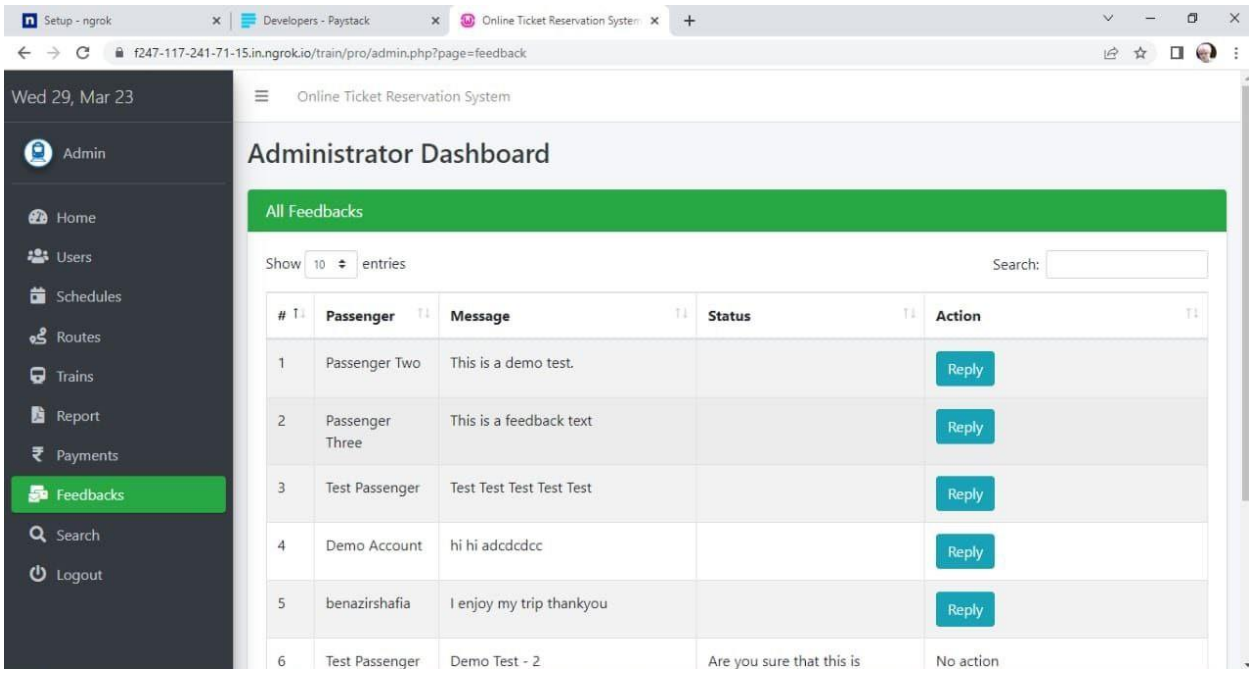

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=dynamic
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Add New Schedule
Train :
Select Train
Route :
Select Route
First Class Charge :
Second Class Charge :
Date :
dd-mm-yyyy
Time :
--:--
Add Schedule
Add Range Schedule
Search:
Actions
Edit
Delete
397 Seat(s) Available for Second Class
2
Pearl City Exp (12694)
Chennai Central (MAS) to Mumbai Dadar Central (DR)
₹ 12
₹ 6
66 Seat(s) Available for First Class
278 Seat(s) Available for Second Class
22-03-2023 / 6:20 PM

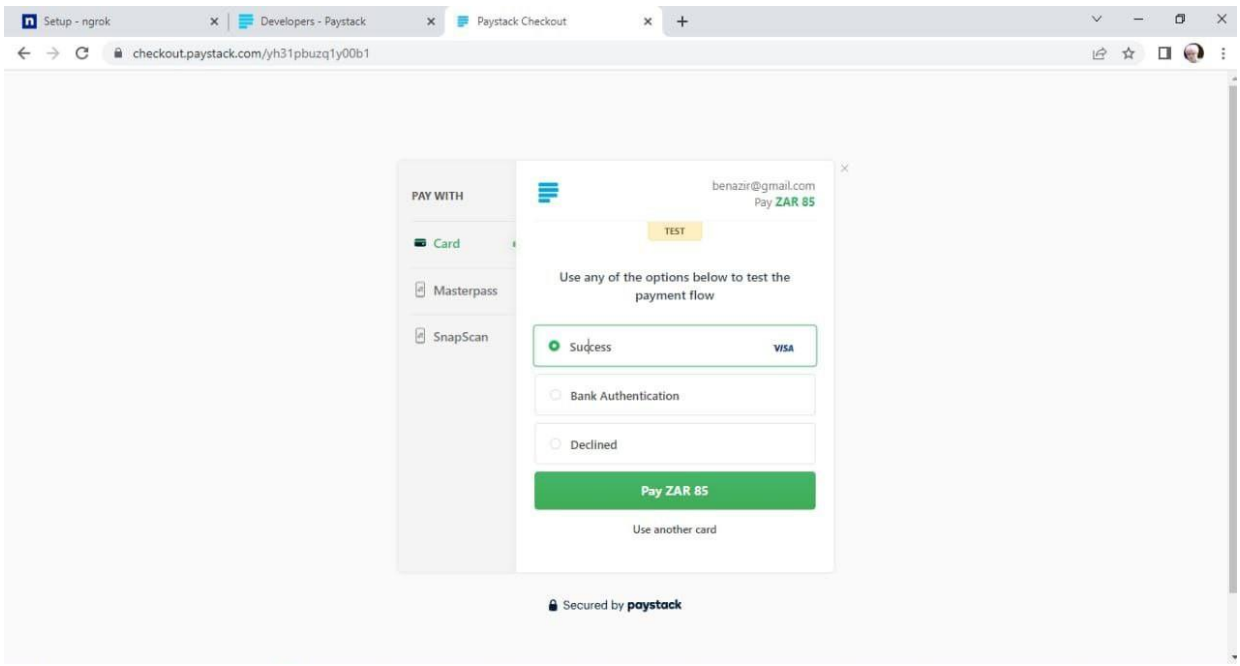

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=route
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Online Ticket Reservation System
Administrator Dashboard
All Routes
Add New Route
Show 10 entries
Search:
From To Action
1 Tuticorin (TN) Chennai Egmore Edit - Delete
2 Chennai Egmore Tuticorin (TN) Edit - Delete
3 Tuticorin (TN) Tirunelveli Junction Edit - Delete
4 Kovilpatti (CVP) Agra cantt (AGC) Edit - Delete
5 New Delhi (NDLS) Gaya Junction (GAYA) Edit - Delete
6 Chennai Central (MAS) H Nizamuddin (NZM)

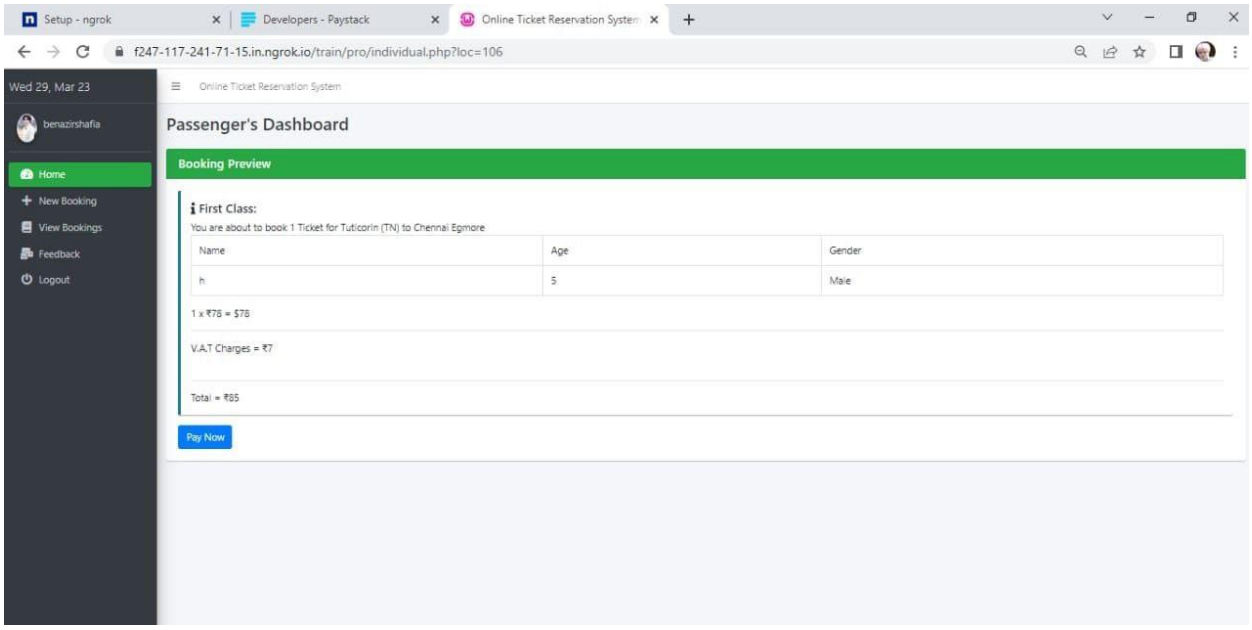

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=train
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Online Ticket Reservation System
Administrator Dashboard
All Trains
Add New Train
Show 10 entries
Search:
Train Name First Class Seat Second Class Seat Action
1 Pearl City Exp (12694) 70 280 Edit - Delete
2 Pearl City Exp (12693) 70 280 Edit - Delete
3 Tn Ten Exp spl (06667) 30 200 Edit - Delete
4 Tirukkural Exp (12641) 100 400 Edit - Delete
5 Mahabodhi Exp (12398) 150 280 Edit - Delete
6 Rajdhani Exp (12433) 200 300

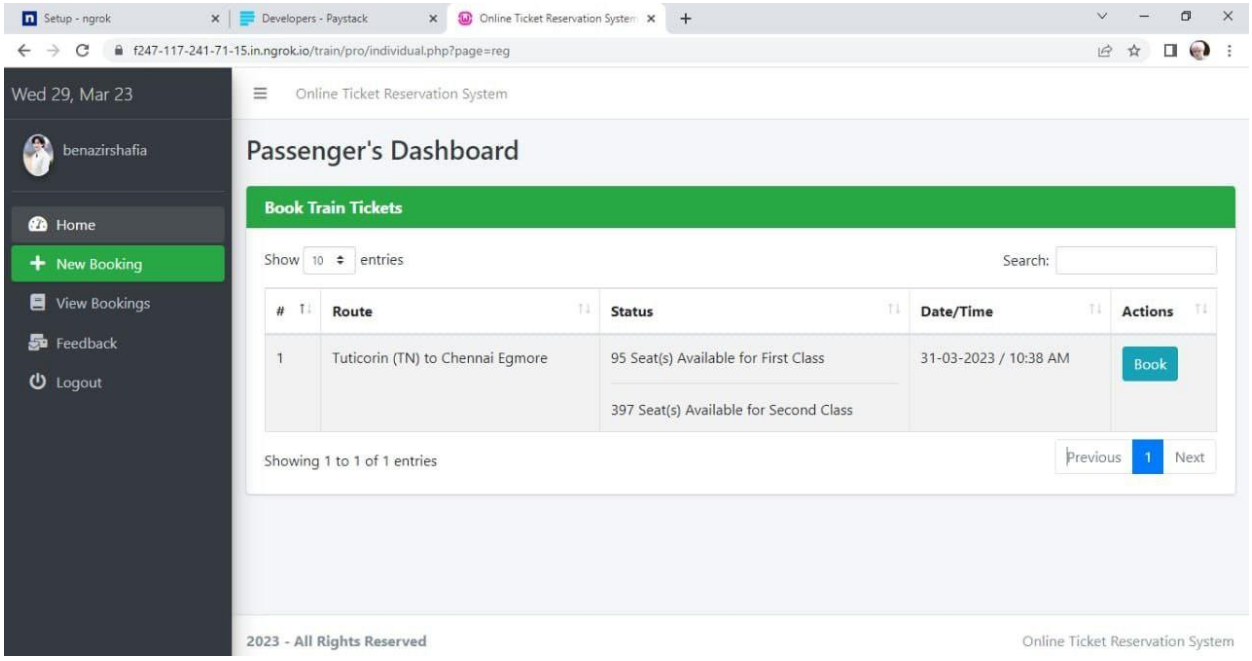

Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=report
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Online Ticket Reservation System
Administrator Dashboard
All Schedules
Show 10 entries
Search:
Train Route Date/Time Actions
1 Tirukkural Exp (12641) Tuticorin (TN) to Chennai Egmore 31-03-2023 / 10:38 AM View
2 Pearl City Exp (12694) Chennai Central (MAS) to Mumbai Dadar Central (DR) 22-03-2023 / 6:20 PM View
3 Mysuru Exp (12609) Vlinginia to Onaginia 14-10-2021 / 10:00 AM View
4 Rajdhani Exp (12433) Rutherglen to Tylwaerdreath 12-10-2021 / 04:45 AM View
5 Tirukkural Exp (12641) Chennai Egmore to Tuticorin (TN) 12-10-2021 / 11:02 AM View
6 Pearl City Exp (12693) Dawsbury to Blencathra 12-10-2021 / 10:59 PM View

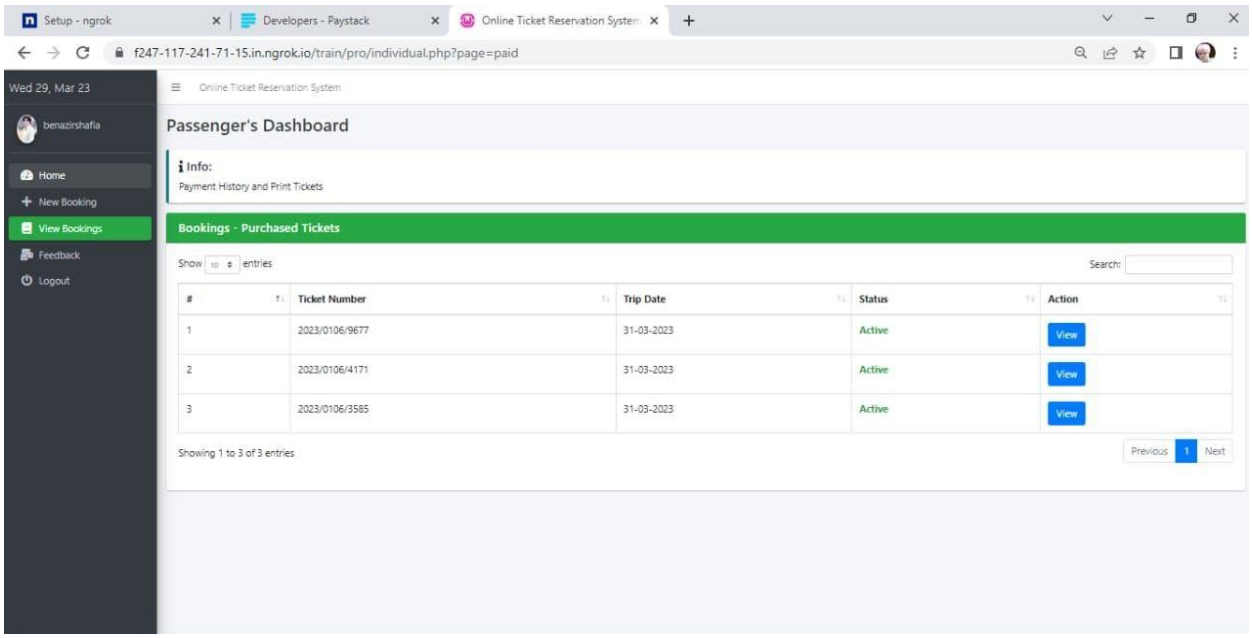

Setup - ngrok
Developers - Paystack
Online Ticket Reservation Syster
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=payment
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Online Ticket Reservation System
Administrator Dashboard
All Payments
Show 10 entries
Search:
Route
Date
First Class
Second Class
Capacity
Chennai Central (MAS) to Mumbai Dadar Central (DR)
22-03-2023 - 6:20 PM
₹ 26
₹ 26
66 Seat(s) Available for First Class
278 Seat(s) Available for Second Class
Chennai Central (MAS) to Mumbai Dadar Central (DR)
22-03-2023 - 6:20 PM
₹ 26
₹ 26
66 Seat(s) Available for First Class
278 Seat(s) Available for Second Class

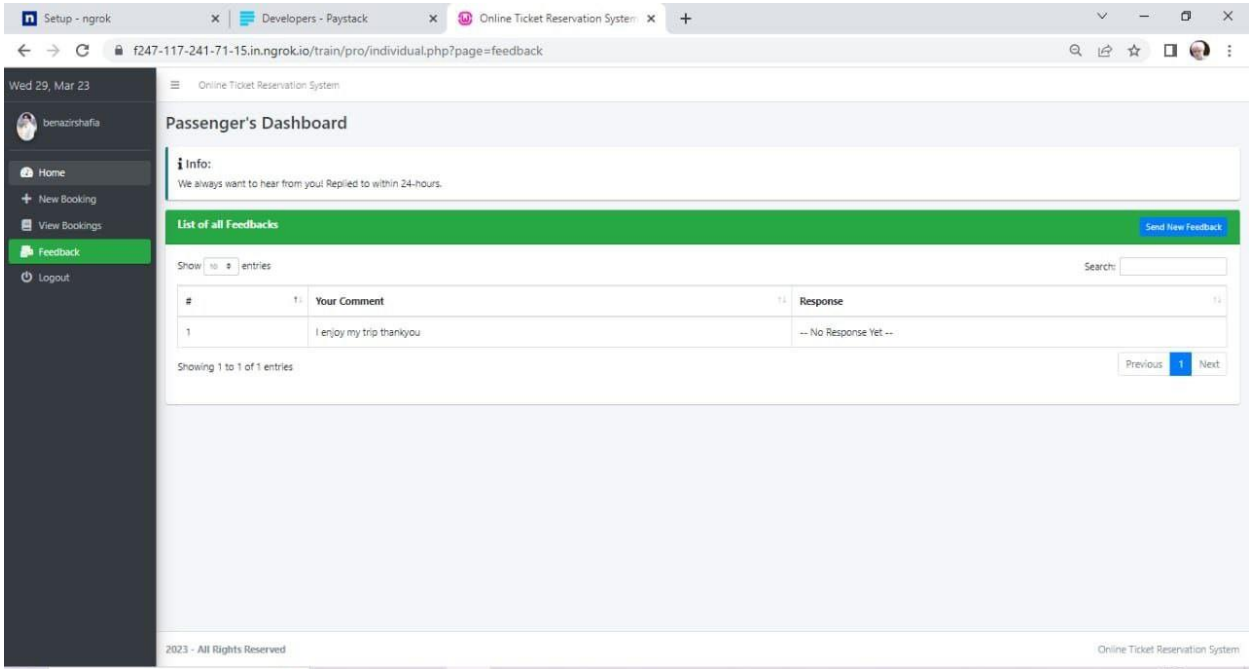

Setup - ngrok
Developers - Paystack
Online Ticket Reservation Syster
f247-117-241-71-15.in.ngrok.io/train/pro/admin.php?page=feedback
Wed 29, Mar 23
Admin
Home
Users
Schedules
Routes
Trains
Report
Payments
Feedbacks
Search
Logout
Online Ticket Reservation System
Administrator Dashboard
All Feedbacks
Show 10 entries
Search:
Passenger Message Status Action
1 Passenger Two This is a demo test. Reply
2 Passenger Three This is a feedback text Reply
3 Test Passenger Test Test Test Test Test Reply
4 Demo Account hi hi adcdcdcc Reply
5 benazirshafia I enjoy my trip thankyou Reply
6 Test Passenger Demo Test - 2 Are you sure that this is No action


Setup - ngrok
Developers - Paystack
Paystack Checkout
checkout.paystack.com/yh31pbuzq1y00b1
PAY WITH
Card
Masterpass
SnapScan
benazir@gmail.com
Pay ZAR 85
TEST
Use any of the options below to test the payment flow
Success
VISA
Bank Authentication
Declined
Pay ZAR 85
Use another card
Secured by paystack


Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/individual.php?loc=106
Wed 29, Mar 23
benazirshafia
Home
New Booking
View Bookings
Feedback
Logout
Online Ticket Reservation System
Passenger's Dashboard
Booking Preview
First Class:
You are about to book 1 Ticket for Tuticorin (TN) to Chennai Egmore
Name
Age
Gender
h
5
Male
1 x ₹78 = $78
V.A.T Charges = ₹7
Total = ₹85
Pay Now


Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/individual.php?page=reg
Wed 29, Mar 23
benazirshafia
Home
New Booking
View Bookings
Feedback
Logout
Online Ticket Reservation System
Passenger's Dashboard
Book Train Tickets
Show 10 entries
Search:
Route Status Date/Time Actions
1 Tuticorin (TN) to Chennai Egmore
95 Seat(s) Available for First Class
397 Seat(s) Available for Second Class
31-03-2023 / 10:38 AM
Book
Showing 1 to 1 of 1 entries
Previous 1 Next
2023 - All Rights Reserved
Online Ticket Reservation System


Setup - ngrok
Developers - Paystack
Online Ticket Reservation System
f247-117-241-71-15.in.ngrok.io/train/pro/individual.php?page=paid
Wed 29, Mar 23
benazirshafia
Home
New Booking
View Bookings
Feedback
Logout
Online Ticket Reservation System
Passenger's Dashboard
Info:
Payment History and Print Tickets
Bookings - Purchased Tickets
Show 10 entries
Search:
Ticket Number Trip Date Status Action
1 2023/0106/9677 31-03-2023 Active View
2 2023/0106/4171 31-03-2023 Active View
3 2023/0106/3585 31-03-2023 Active View
Showing 1 to 3 of 3 entries
Previous 1 Next



B.SAMPLE CODING

//admin

```
<?php
@session_start();
$file_access = true;
include '../conn.php';
include 'admin_session.php';
include '../constants.php';
if (@$_GET['page'] == 'print' &&isset($_GET['code'])) {
printClearance($_GET['code']);
    // echo "<script>window.location='admin.php'</script>";
}
if (@$_GET['page'] == 'report' &&isset($_GET['id'])) {
printReport($_GET['id']);
    // echo "<script>window.location='admin.php'</script>";
}
$fullname =  "System Administrator";
```

```
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="x-ua-compatible" content="ie=edge">
<link rel="stylesheet" href="plugins/datatables-bs4/css/dataTables.bootstrap4.css">
<title><?php echo SITE_NAME, ' - ', ucwords($_SESSION['category']); ?></title>
<!-- Font Awesome Icons -->
<link rel="stylesheet" href="plugins/fontawesome-free/css/all.min.css">
<!-- Theme style -->
<link rel="stylesheet" href="dist/css/adminlte.min.css">
</head>
<body class="hold-transition sidebar-mini">
<div class="wrapper">
<!-- Navbar -->
<nav class="main-header navbar  navbar-expand navbar-white navbar-light">
<!-- Left navbar links -->
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link" data-widget="pushmenu" href="#"><i class="fas fa-bars"></i></a>
</li>
<li class="navbar-nav">
<a class="nav-link" href="#"><?php echo SITE_NAME ?></a>
</li>
</ul>
```

```
<!-- Right navbar links -->
</nav>
<!-- /.navbar -->
<!-- Main Sidebar Container -->
<aside class="main-sidebar sidebar-dark-success elevation-4">
<!-- Brand Logo -->
<a href="admin.php" class="brand-link">
<span class="brand-text font-weight-light"><?php echo date("D d, M y"); ?></span>
</a>
<!-- Sidebar -->
<div class="sidebar">
<!-- Sidebar user panel (optional) -->
<div class="user-panel mt-3 pb-3 mb-3 d-flex">
<div class="image">
<imgsrc="images/trainlg.png" class="img-circle elevation-2" alt="User Image">
</div>
<div class="info">
<a href="#" class="d-block">Admin</a>
</div>
</div>
<!-- Sidebar Menu -->
<nav class="mt-2">
<ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu"
                data-accordion="false">
<!-- Add icons to the links using the .nav-icon class
          with font-awesome or any other icon font library -->
<li class="nav-item">
```

```
<a href="admin.php" class="nav-link <?php if (!isset($_GET['page'])) echo 'active'; ?>">
<i class="nav-icon fas fa-tachometer-alt"></i>
<p>
                    Home
</p>
</a>

</li>

<li class="nav-item">
<a href="admin.php?page=users" class="nav-link
<?php
                    echo (@$_GET['page'] == 'users') ? 'active' : '';
                    ?>
                    ">
<i class="nav-icon fas fa-users"></i>
<p>
                    Users
</p>
</a>
</li>
<li class="nav-item">
<a href="admin.php?page=dynamic" class="nav-link
<?php
                    echo (@$_GET['page'] == 'dynamic') ? 'active' : '';
                    ?>
                    ">
<i class="nav-icon fas fa-calendar-day"></i>
```

```
<p>
                    Schedules
</p>
</a>
</li>
<li class="nav-item">
<a href="admin.php?page=route" class="nav-link    <?php
                                                    echo    (@$_GET['page']    ==
'route') ? 'active' : '';
                                                    ?>">
<i class="nav-icon fas fa-route"></i>
<p>
                    Routes
</p>
</a>
</li>
</li>
<li class="nav-item">
<a href="admin.php?page=train" class="nav-link    <?php
                                                    echo    (@$_GET['page']    ==
'train') ? 'active' : '';
                                                    ?>">
<i class="nav-icon fas fa-train"></i>
<p>
                    Trains
</p>
</a>
</li>
<li class="nav-item">
<a href="admin.php?page=report" class="nav-link    <?php
```

```
                                                    echo (@$_GET['page'] ==
'report') ? 'active' : '';
                                                    ?>">
<i class="nav-icon fas fa-file-pdf"></i>
<p>
                        Report
</p>
</a>
</li>
<li class="nav-item">
<a href="admin.php?page=payment" class="nav-link    <?php
                                                    echo (@$_GET['page'] ==
'payment') ? 'active' : '';
                                                    ?>">
<i class="nav-icon fas fa-rupee-sign"></i>
<p>
                        Payments
</p>
</a>
</li>
<li class="nav-item">
<a href="admin.php?page=feedback" class="nav-link    <?php
                                                   echo (@$_GET['page'] ==
'feedback') ? 'active' : '';
                                                    ?>">
<i class="nav-icon fas fa-mail-bulk"></i>
<p>
                        Feedbacks
</p>
</a>
```

```
</li>

<li class="nav-item">
<a href="admin.php?page=search" class="nav-link      <?php
        echo (@$_GET['page'] == 'search') ? 'active' : '';
                                                ?>">
<i class="nav-icon fas fa-search"></i>
<p>
                                Search
</p>
</a>
</li>
<li class="nav-item">
<a href="admin.php?page=logout" class="nav-link">
<i class="nav-icon fas fa-power-off"></i>
<p>
                                Logout
</p>
</a>
</ul>
</nav>
<!-- /.sidebar-menu -->
</div>
<!-- /.sidebar -->
</aside>
<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
<!-- Content Header (Page header) -->
<div class="content-header">
```

```
<div class="container-fluid">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0 text-dark"> Administrator Dashboard</h1>
</div><!-- /.col -->
</div><!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content-header -->
<!-- Main content -->
<?php
        if (!isset($_GET['page']))
            include 'admin/index.php';
        elseif ($_GET['page'] == 'dynamic')
            include 'admin/dynamic_schedule.php';
        elseif ($_GET['page'] == 'report')
            include 'admin/report.php';
        elseif ($_GET['page'] == 'train')
            include 'admin/train.php';
        elseif ($_GET['page'] == 'users')
            include 'admin/users.php';
        elseif ($_GET['page'] == 'route')
            include 'admin/route.php';
        elseif ($_GET['page'] == 'logout') {
            @session_destroy();
            echo "<script>alert('You are being logged out');
window.location='../';</script>";
            exit;
        } elseif ($_GET['page'] == 'payment')
```

```
            include 'admin/sales.php';
        elseif ($_GET['page'] == 'feedback')
            include 'admin/feedback.php';
        elseif ($_GET['page'] == 'search')
            include 'admin/search.php'
        else {
            include 'admin/index.php';
        }
  //TODO:
        ?>
<!-- /.content -->
</div>
<!-- /.content-wrapper -->
<!-- Control Sidebar -->
<aside class="control-sidebar control-sidebar-dark">
<!-- Control sidebar content goes here -->
<div class="p-3">
<h5>Title</h5>
<p>Sidebar content</p>
</div>
</aside>
<!-- /.control-sidebar -->
<!-- Main Footer -->
<footer class="main-footer">
<!-- To the right -->
<div class="float-right d-none d-sm-inline">
<?php echo SITE_NAME; ?>
</div>
<!-- Default to the left -->
```

```
<strong><?php echo date("Y"); ?> - All Rights Reserved</strong>
</footer>
</div>
<!-- ./wrapper -->
<!-- REQUIRED SCRIPTS -->
<!-- jQuery -->
<script src="plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/adminlte.min.js"></script>
<script src="plugins/jquery/jquery.min.js"></script>
<!-- DataTables -->
<script src="plugins/datatables/jquery.dataTables.js"></script>
<script src="plugins/datatables-bs4/js/dataTables.bootstrap4.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/demo.js"></script>
<script src="dist/js/pages/dashboard3.js"></script>
<script>
  $(function() {
    $("#example1").DataTable();
  });
</script>
<?php if (@$_GET['page'] == 'query') { ?>
<script src="plugins/jquery-knob/jquery.knob.min.js"></script>
<!-- Sparkline -->
<script src="plugins/sparkline/jquery.sparkline.min.js"></script>
<!-- page script -->
<script>
```

```
    $(function() {
        /* jQueryKnob */
        $('.knob').knob({
            draw: function() {}
        })
    })
</script>
<?php } ?>
</body>
</html>
```

//admin signin

```
<?php
session_start();
require_once '../conn.php';
$file = "admin";
?>
<?php$cur_page = 'signup'
include 'includes/inc-header.php';
if (isset($_POST['email'])) {
    $email = $_POST['email'];
    $password = $_POST['password'];
    if (!isset($email, $password)) {
?>
<script>
alert("Ensure you fill the form properly.");
</script>
<?php
    } else
```

```
//Check for login
        $password = md5($password);
        $check = $conn->prepare("SELECT * FROM users WHERE email = ? AND password = ?");
        $check->bind_param("ss", $email, $password);
        if (!$check->execute()) die("Form Filled With Error");
        $res = $check->get_result();
        $no_rows = $res->num_rows;
        if ($no_rows ==  1) {
            $row = $res->fetch_assoc();
            $id = $row['id'];
session_regenerate_id(true);
            $_SESSION['category'] = "super";
            $_SESSION['admin'] = $id;
        ?>
<script>
alert("Access Granted!");
window.location = "admin.php";
</script>
<?php
        } else { ?>
<script>
alert("Access Denied.");
</script>
<?php
        }
    }
}
?>
```

```
<div class="signup-pa
<div class="form">
<h2>Admin Sign In</h2>
<br>
<form class="login-form" method="post" role="form" id="signup-form" autocomplete="off">
<!-- json response will be here -->
<div id="errorDiv"></div>
<!-- json response will be here -->
<div class="col-md-12">
<div class="form-group">
<label>Email Address</label>
<input type="text" required name="email">
</div>
</div>
<div class="col-md-12">
<div class="form-group">
<label>Password</label>
<input type="password" name="password" id="password">
<span class="help-block" id="error"></span>
</div>
</div>
<div class="col-md-12">
<div class="form-group">
<button type="submit" id="btn-signup">
                    SIGN IN
</button>
</div>
</div>
```

```
<p class="message">
<a href="#">.</a><br>
</p>
</form>
</div>
</div>
</div>
<script src="assets/js/jquery-1.12.4-jquery.min.js"></script>
</body>
</html>
```

//pay

```
<?php
require_once 'session.php';
require_once '../constants.php';
  if (!isset($_SESSION['amount'], $_SESSION['email'])) {
    @session_destroy();
    header("Location: ../");
    exit;
  }
  $pay = curl_init();
  $email = $_SESSION['email'];
  $amount = $_SESSION['amount'] . "00";
  // die($amount);
  //the amount in kobo. This value is actually NGN 5000
curl_setopt_array($pay, array(
    CURLOPT_URL => "https://api.paystack.co/transaction/initialize",
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_SSL_VERIFYPEER => 0,
    CURLOPT_CUSTOMREQUEST => "POST",
```

```
  CURLOPT_POSTFIELDS =>json_encode([
    'amount' => $amount,
    'email' => $email,
  ]),
  CURLOPT_HTTPHEADER => [
    "authorization: Bearer $paystack", //replace this (in constants.php) with your own test key
    "content-type: application/json",
    "cache-control: no-cache"
  ],
));
$response = curl_exec($pay);
$err = curl_error($pay);
if ($err) {
  header("Location: individual.php?page=pay&error=payment&access=0");
  exit();
}
$tranx = json_decode($response);
if (!$tranx->status or empty($tranx->status)) {
  // there was an error from the API
  header("Location: individual.php?page=pay&error=payment&access=1");
  exit();
}
// redirect to page so User can pay
// uncomment this line to allow the user redirect to the payment page
header('Location: ' . $tranx->data->authorization_url);
```

//session

```
<?php
@session_start();
```

```
 if (!isset($_SESSION['user_id'])) {
  echo "<script>alert('You are not logged in!'); window.location='../';</script>";
  exit;
 }
 $user_id = $_SESSION['user_id'];
 $email = $_SESSION['email'];
 if (!isset($conn)) require '../conn.php';
 $exist = $conn->query("SELECT * FROM passenger WHERE id = '$user_id'")->num_rows;
 if ($exist != 1) {
  echo "<script>alert('You are not logged in!'); window.location='../';</script>";
  exit;
 }
 ?>
```

//route

```
<?php
if (!isset($file_access)) die("Direct File Access Denied");
$source = 'route';
$me = "?page=$source"
?>


<div class="content">
<!-- Main content -->
<section class="content">
<div class="container-fluid">
<div class="row">
<div class="col-sm-12">
<div class="card card-success">
<div class="card-header">
```

```
<h3 class="card-title">
                        All Routes</h3>
<div class='float-right'>
<button type="button" class="btnbtn-info btn-sm" data-toggle="modal"
                        data-target="#add">
                        Add New Route &#128645;
</button></div>
</div>

<div class="card-body">

<table id="example1" style="align-items: stretch;"
                    class="table table-hover w-100 table-bordered table-striped<?php //
   ?>">
<thead>
<tr>
<th>#</th>
<th>From</th>
<th>To</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<?php
                        $row = $conn->query("SELECT * FROM route");
                        if ($row->num_rows< 1) echo "No Records Yet";
                        $sn = 0;
                        while ($fetch = $row->fetch_assoc()) {
```

```
                $id = $fetch['id'];
            ?>
<tr>
<td><?php echo ++$sn; ?></td>
<td><?php echo $fetch['start']; ?></td>
<td><?php echo $fetch['stop'];
                $fullname = $fetch['start'] . " to " . $fetch['stop'];
?></td>
<td>
<form method="POST">
<button type="button" class="btnbtn-primary" data-toggle="modal"
                data-target="#edit<?php echo $id ?>">
                Edit
</button> -
<input type="hidden" class="form-control" name="del_train"
                value="<?php echo $id ?>" required id="">
<button type="submit"
                onclick="return confirm('Are you sure about this?')"
                class="btnbtn-danger">
                Delete
</button>
</form>
</td>
</tr>
<div class="modal fade" id="edit<?php echo $id ?>">
<div class="modal-dialog modal-lg">
<div class="modal-content">
<div class="modal-header">
<h4 class="modal-title">Editing <?php echo $fullname;
```

```
                                                    ?>&#128642;</h4>
<button type="button" class="close" data-dismiss="modal"
                                        aria-label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<div class="modal-body">
<form action="" method="post">
<input type="hidden" class="form-control" name="id"
                                        value="<?php echo $id ?>" required id="">
<p>From : <input type="text" class="form-control"
                                        value="<?php echo $fetch['start'] ?>"
name="start"
                                        required id="">
</p>
<p> To : <input type="text" class="form-control"
                                        value="<?php echo $fetch['stop'] ?>"
name="stop"
                                        required id="">
</p>
<p>
<input class="btnbtn-info" type="submit" value="Edit Route"
                                        name='edit'>
</p>
</form>

<div class="modal-footer justify-content-between">
<button type="button" class="btnbtn-default"
                                        data-dismiss="modal">Close</button>
</div>
```

```
</div>
<!-- /.modal-content -->
</div>
<!-- /.modal-dialog -->
</div>
<!-- /.modal -->
<?php
                        }
                            ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</section>
</div>
<div class="modal fade" id="add">
<div class="modal-dialog modal-lg">
<div class="modal-content" align="center">
<div class="modal-header">
<h4 class="modal-title">Add New Route &amp;#128649;
</h4>
<button type="button" class="close" data-dismiss="modal" aria-label="Close">
```

```
<span aria-hidden="true">&times;</span>
</button>
</div>
<div class="modal-body">
<form action="" method="post">
<table class="table table-bordered">
<tr>
<th>From</th>
<td><input type="text" class="form-control" name="start" required id=""></td>
</tr>
<tr>
<th>To</th>
<td><input type="text" class="form-control" name="stop" required id="">
</td>
</tr>
<tr>
<td colspan="2">
<input class="btnbtn-info" type="submit" value="Add Route" name='submit'>
</td>
</tr>
</table>
</form>
</div>
</div>
<!-- /.modal-content -->
</div>
<!-- /.modal-dialog -->
</div>
<?php
```

```
if (isset($_POST['submit'])) {
    $start = $_POST['start'];
    $stop = $_POST['stop'];
    if (!isset($stop, $start)) {
        alert("Fill Form Properly!");
    } else {
        $conn = connect()
        $ins = $conn->prepare("INSERT INTO route (start,stop) VALUES (?,?)");
        $ins->bind_param("ss", $start, $stop);
        $ins->execute();
        alert("Route Added!");
        load($_SERVER['PHP_SELF'] . "$me");
    }
}
if (isset($_POST['edit'])) {
    $start = $_POST['start'];
    $stop = $_POST['stop'];
    $id = $_POST['id'];
    if (!isset($start, $stop)) {
        alert("Fill Form Properly!");
} else {
 $conn = connect();
      $ins = $conn->prepare("UPDATE route SET start = ?, stop = ?WHERE id =?");
        $ins->bind_param("ssi", $start, $stop, $id);
        $ins->execute();
        alert("Route Modified!");
        load($_SERVER['PHP_SELF'] . "$me");
    }
```

```
}
if (isset($_POST['del_train'])) {
   $con = connect();
   $conn = $con->query("DELETE FROM route WHERE id = '" . $_POST['del_train'] . "'");
   if ($con->affected_rows< 1) {
      alert("Route Could Not Be Deleted. This Route Has Been Tied To Another Data!");
      load($_SERVER['PHP_SELF'] . "$me");
   } else {
      alert("Route Deleted!");
      load($_SERVER['PHP_SELF'] . "$me");
   }
}
?>
```

//train

```
<?php
if (!isset($file_access)) die("Direct File Access Denied");
$source = 'train';
$me = "?page=$source";
?>
<div class="content">
<!-- Main content -->
<section class="content">
<div class="container-fluid">
<div class="row">
<div class="col-sm-12">
<div class="card card-success">
<div class="card-header">
```

```
<h3 class="card-title">
                        All Trains</h3>
<div class='float-right'>
<button type="button" class="btnbtn-info btn-sm" data-toggle="modal"
                        data-target="#add">
                        Add New Train &amp;#128645;
</button></div>
</div>
<div class="card-body">
<table id="example1" style="align-items: stretch;"
                        class="table table-hover w-100 table-bordered table
 ?>">
<thead>
<tr>
<th>#</th>
<th>Train Name</th>
<th>First Class Seat</th>
<th>Second Class Seat</th>
<th style="width: 30%;">Action</th>
</tr>
</thead>
<tbody>
<?php
                        $row = $conn->query("SELECT * FROM train");
                        if ($row->num_rows< 1) echo "No Records Yet";
                        $sn = 0;
                        while ($fetch = $row->fetch_assoc()) {
                            $id = $fetch['id'];
                        ?>
```

```
<tr>
<td><?php echo ++$sn; ?></td>
<td><?php echo $fullname = $fetch['name']; ?></td>
<td><?php echo $fetch['first_seat']; ?></td>
<td><?php echo $fetch['second_seat']; ?></td>
<td>
<form method="POST">
<button type="button" class="btnbtn-primary" data-toggle="modal"
                                    data-target="#edit<?php echo $id ?>">
                                    Edit
</button> -
<input type="hidden" class="form-control" name="del_train"
                                    value="<?php echo $id ?>" required id="">
<button type="submit"
                                    onclick="return confirm('Are you sure about this?')"
                                    class="btnbtn-danger">
                                    Delete
</button>
</form>
</td>
</tr>
<div class="modal fade" id="edit<?php echo $id ?>">
<div class="modal-dialog modal-lg">
<div class="modal-content">
<div class="modal-header">
<h4 class="modal-title">Editing <?php echo $fullname;
  ?></h4>
<button type="button" class="close" data-dismiss="modal"
```

```
                                    aria-label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<div class="modal-body">
<form action="" method="post">
<input type="hidden" class="form-control" name="id"
                                        value="<?php echo $id ?>" required id="">
<p>Train Name : <input type="text" class="form-control"
                                        name="name"  value="<?php  echo
$fetch['name'] ?>"
                                        required minlength="3" id=""></p>
<p>First Class Capacity : <input type="number" min='0'
                                        class="form-control"
                                        value="<?php echo $fetch['first_seat'] ?>"
                                        name="first_seat" required id="">
</p>
<p> Class Capacity : <input type="number" min='0'
                                        class="form-control"
                                        value="<?php  echo  $fetch['second_seat']
?>"
                                        name="second_seat" required id="">
</p>
<p>
<input class="btnbtn-info" type="submit" value="Edit Train"
                                        name='edit'>
</p>
</form>
<div class="modal-footer justify-content-between">
<button type="button" class="btnbtn-default"
```

```
                                        data-dismiss="modal">Close</button>
</div>
</div>
<!-- /.modal-content -->
</div>
<!-- /.modal-dialog -->
</div>
<!-- /.modal -->
<?php
                            }
                               ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</section>
</div>
<div class="modal fade" id="add">
<div class="modal-dialog modal-lg">
<div class="modal-content" align="center">
<div class="modal-header">
<h4 class="modal-title">Add New Train &#128646;
```

```
</h4>
<button type="button" class="close" data-dismiss="modal" aria-label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<div class="modal-body">
<form action="" method="post">
<table class="table table-bordered">
<tr>
<th>Train Name</th>
<td><input type="text" class="form-control" name="name" required minlength="3" id=""></td>
</tr>
<tr>
<th>First Class Capacity</th>
<td><input type="number" min='0' class="form-control" name="first_seat" required id=""></td>
</tr>
<tr>
<th>Second Class Capacity</th>
<td><input type="number" min='0' class="form-control" name="second_seat" required id="">
</td>
</tr>
<tr>
<td colspan="2">
<input class="btnbtn-info" type="submit" value="Add Train" name='submit'>
</td>
</tr>
</table>
```

```
</form>
</div>
</div>
<!-- /.modal-content -->
</div>
<!-- /.modal-dialog -->
</div>
<?php
if (isset($_POST['submit'])) {
    $name = $_POST['name'];
    $first_seat = $_POST['first_seat'];
    $second_seat = $_POST['second_seat'];
    if (!isset($name, $first_seat, $second_seat)) {
        alert("Fill Form Properly!");
    } else {
        $conn = connect();
        //Check if train exists
        $check = $conn->query("SELECT * FROM train WHERE name = '$name' ")->num_rows;
        if ($check) {
            alert("Train exists");
        } else {
            $ins = $conn->prepare("INSERT INTO train (name, first_seat, second_seat) VALUES (?,?,?)");
            $ins->bind_param("sss", $name, $first_seat, $second_seat);
            $ins->execute();
            alert("Train Added!");
            load($_SERVER['PHP_SELF'] . "$me");
        }
    }
```

```
}
if (isset($_POST['edit'])) {
   $name = $_POST['name'];
   $first_seat = $_POST['first_seat'];
   $second_seat = $_POST['second_seat'];
   $id = $_POST['id'];
   if (!isset($name, $first_seat, $second_seat)) {
      alert("Fill Form Properly!");
   } else {
      $conn = connect();
      //Check if train exists
      $check = $conn->query("SELECT * FROM train WHERE name = '$name' ")->num_rows;
      if ($check == 2) {
         alert("Train name exists");
      } else {
         $ins = $conn->prepare("UPDATE train SET name = ?, first_seat = ?, second_seat = ? WHERE id = ?");
         $ins->bind_param("sssi", $name, $first_seat, $second_seat, $id);
         $ins->execute();
         alert("Train Modified!");
         load($_SERVER['PHP_SELF'] . "$me");
      }
   }
}
if (isset($_POST['del_train'])) {
   $con = connect();
   $conn = $con->query("DELETE FROM train WHERE id = '" . $_POST['del_train'] . "'");
   if ($con->affected_rows< 1) {
```

```
        alert("Train Could Not Be Deleted. This Train Has Been Tied To Another Data!");
        load($_SERVER['PHP_SELF'] . "$me");
    } else {
        alert("Train Deleted!");
        load($_SERVER['PHP_SELF'] . "$me");
    }
}
?>
```

//user

```
<?php
if (!isset($file_access)) die("Direct File Access Denied");
$source = 'users';
$me = "?page=$source";
if (isset($_GET['status'], $_GET['id'])) {
    $id = $_GET['id'];
    $status = $_GET['status'];
    if ($status == 0) {
        $status = 0;
    } else {
        $status = 1;
    }
    $conn = connect()->query("UPDATE passenger SET status = '$status' WHERE id = '$id'");
    echo "<script>alert('Action completed!');window.location='admin.php$me';</script>";
}
?>
<div class="content">
<!-- Main content -->
```

```
<section class="content">
<div class="container-fluid">
<div class="row">
<div class="col-sm-12">
<div class="card card-success">
<div class="card-header">
<h3 class="card-title">
                        Registered Users</h3>
</div>
<div class="card-body">
<div class="table-responsive">
<table style="width: 100%;" id="example1" style="align-items: stretch;"
                            class="table table-hover table-bordered">
<thead>
<tr>
<th>#</th>
<th>Full Name</th>
<th>Email</th>
<th>Contact</th>
<th>Image</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<?php
                            $row = connect()->query("SELECT * FROM passenger ORDER BY id DESC");
                            if ($row->num_rows< 1) echo "No Records Yet";
                            $sn = 0;
```

```
while ($fetch = $row->fetch_assoc()) {
$id = $fetch['id']; ?><tr>
<td><?php echo ++$sn; ?></td>
<td><?php echo ($fetch['name']); ?></td>
<td><?php echo ($fetch['email']); ?></td>
<td><?php echo ($fetch['phone']); ?></td><td><imgsrc="<?php echo "uploads/" . ($fetch['loc']); ?>"
class="imgimg-rounded" width="80" height="80" /></td>
<td>
<?php
if ($fetch['status'] == 0) {
?>
<a href="admin.php?page=users&status=1&id=<?php echo $id; ?>">
<button
onclick="return confirm('You are about allowing this user be able to login his/her account.')"
type="submit" class="btnbtn-success">
Enable Account
</button></a>
<?php } else { ?>
<a href="admin.php?page=users&status=0&id=<?php echo $id; ?>">
<button
onclick="return confirm('You are about denying this user access to his/her account.')"
type="submit" class="btnbtn-danger">
Disable Account
</button></a>
<?php } ?>
</td>
</tr>
```

```
<?php
                                }
                                ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</section>
</div>
<div class="modal fade" id="add">
<div class="modal-dialog modal-lg">
<div class="modal-content" align="center">
<div class="modal-header">
<h4 class="modal-title">Add New Schedule &amp;#128649;
</h4>
<button type="button" class="close" data-dismiss="modal" aria-label="Close">
<span aria-hidden="true">&amp;times;</span>
</button>
</div>
<div class="modal-body">
<form action="" method="post">
```

```
<div class="row">
<div class="col-sm-6">
                Train : <select class="form-control" name="train_id" required id="">
<option value="">Select Train</option>
                    $con = connect()->query("SELECT * FROM train");
                    while ($row = $con->fetch_assoc()) {
                       echo "<option value='" . $row['id'] . "'>" . $row['name'] . "</option>";
                    }
                    ?>
</select>
</div>
<div class="col-sm-6">
                Route : <select class="form-control" name="route_id" required id="">
<option value="">Select Route</option>
<?php
                    $con = connect()->query("SELECT * FROM route");
                    while ($row = $con->fetch_assoc()) {
                       echo "<option value='" . $row['id'] . "'>" . getRoutePath($row['id']) . "</option>";
                    }
                    ?>
</select>
</div>
</div>
<div class="row">
<div class="col-sm-6">
```

```
                First Class Charge : <input class="form-control" type="number" name="first_fee" required
                    id="">
</div>
<div class="col-sm-6">
                Second Class Charge : <input class="form-control" type="number" name="second_fee" required
                    id="">
</div>
</div>
<div class="row">
<div class="col-sm-6">
                Date : <input class="form-control" onchange="check(this.value)" type="date" name="date"
                    required id="date">
</div>
<div class="col-sm-6">
                Time : <input class="form-control" type="time" name="time" required id="">
</div>
</div>
<hr>
<input type="submit" name="submit" class="btnbtn-success" value="Add Schedule"></p>
</form>
<script>
        function check(val) {
val = new Date(val);
            var age = (Date.now() - val) / 31557600000;
            var formDate = document.getElementById('date');
```

```
                if (age > 0) {
                    alert("Past/Current Date not allowed");
formDate.value = "";
                    return false;
                }
            }
</script>
</div>
</div>
<!-- /.modal-content -->
</div>
<!-- /.modal-dialog -->
</div>
<div class="modal fade" id="add2">
<div class="modal-dialog modal-lg">
<div class="modal-content" align="center">
<div class="modal-header">
<h4 class="modal-title">Add Range Schedule &#128649;
</h4>
<button type="button" class="close" data-dismiss="modal" aria-label="Close">
<span aria-hidden="true">&times;</span>
</button>
</div>
<div class="modal-body">
<form action="" method="post">
<div class="row">
<div class="col-sm-6">
                    Train : <select class="form-control" name="train_id" required id="">
```

```
<option value="">Select Train</option>
<?php
                    $con = connect()->query("SELECT * FROM train");
                    while ($row = $con->fetch_assoc()) {
                       echo "<option value='" . $row['id'] . "'>" . $row['name'] . "</option>";
                    }
                    ?>
</select>
</div>
<div class="col-sm-6">                    Route : <select class="form-control" name="route_id" required id="">
<option value="">Select Route</option>
<?php
                    $con = connect()->query("SELECT * FROM route");
                    while ($row = $con->fetch_assoc()) {
                       echo "<option value='" . $row['id'] . "'>" . getRoutePath($row['id']) . "</option>";
                    }
                    ?>
</select>
</div>
</div>
<div class="row">
<div class="col-sm-6">
                First Class Charge : <input class="form-control" type="number" name="first_fee" required>
</div>
<div class="col-sm-6">
```

Second Class Charge : <input class="form-control" type="number" name="second_fee" required>

From Date : <input class="form-control" onchange="check(this.value)" type="date"

name="from_date" required>

End Date : <input class="form-control" onchange="check(this.value)" type="date"

name="to_date" required>

 Every :

<select class="form-control" name="every">

<option value="Day">Day</option>

<option value="Monday">Monday</option>

<option value="Tuesday">Tuesday</option>

<option value="Wednesday">Wednesday</option>

<option value="Thursday">Thursday</option>

<option value="Friday">Friday</option>

<option value="Saturday">Saturday</option>

<option value="Sunday">Sunday</option>

</select>

```
                    Time : <input class="form-control" type="time" name="time" required id="">
</div>
</div>
<hr>
<input type="submit" name="submit2" class="btnbtn-success" value="Add Schedule"></p>
</form>
<script>
            function check(val) {
val = new Date(val);
                var age = (Date.now() - val) / 31557600000;
                var formDate = document.getElementById('date');
                if (age > 0) {
                    alert("You are using a past/current date!");
val.value = "";
                    return false;
                }
            }
</script>
</div>
</div>
<!-- /.modal-content -->
</div>
<!-- /.modal-dialog -->
</div>
<?php
if (isset($_POST['submit'])) {
    $route_id = $_POST['route_id'];
    $train_id = $_POST['train_id'];
```

```
    $first_fee = $_POST['first_fee'];
    $second_fee = $_POST['second_fee'];
    $date = $_POST['date'];
    $date = formatDate($date);
    // die($date);
    // $endDate = date('Y-m-d' ,strtotime( $data['automatic_until'] ));
    $time = $_POST['time'];
    if (!isset($route_id, $train_id, $first_fee, $second_fee, $date, $time)) {
        alert("Fill Form Properly!");
    } else {
        $conn = connect();
        $ins = $conn->prepare("INSERT INTO `schedule`(`train_id`, `route_id`, `date`, `time`, `first_fee`, `second_fee`) VALUES (?,?,?,?,?,?)");
        $ins->bind_param("iissii", $train_id, $route_id, $date, $time, $first_fee, $second_fee);
        $ins->execute();
        alert("Schedule Added!");
        load($_SERVER['PHP_SELF'] . "$me");
    }
}
if (isset($_POST['submit2'])) {
    $route_id = $_POST['route_id'];
    $train_id = $_POST['train_id'];
    $first_fee = $_POST['first_fee'];
    $second_fee = $_POST['second_fee'];
    $from_date = $_POST['from_date'];
    $to_date = $_POST['to_date'];
    $every = $_POST['every'];
    $time = $_POST['time'];
    if (!isset($route_id, $train_id, $first_fee, $second_fee, $date, $time)) {
```

```
    alert("Fill Form Properly!");
  } else {
    $from_date = formatDate($from_date);
    $to_date = formatDate($to_date);
    $startDate = $from_date;
    $endDate = $to_date;
    $conn = connect();
    if ($every == 'Day') {
      for ($i = strtotime($startDate); $i<= strtotime($endDate); $i = strtotime('+1 day', $i)) {
        $date = date('d-m-Y', $i);
        $ins = $conn->prepare("INSERT INTO `schedule`(`train_id`, `route_id`, `date`, `time`, `first_fee`, `second_fee`) VALUES (?,?,?,?,?,?)");
        $ins->bind_param("iissii", $train_id, $route_id, $date, $time, $first_fee, $second_fee);
        $ins->execute();
      }
    } else {
      for ($i = strtotime($every, strtotime($startDate)); $i<= strtotime($endDate); $i = strtotime('+1 week', $i)) {
        $date = date('d-m-Y', $i);
        $ins = $conn->prepare("INSERT INTO `schedule`(`train_id`, `route_id`, `date`, `time`, `first_fee`, `second_fee`) VALUES (?,?,?,?,?,?)");
        $ins->bind_param("iissii", $train_id, $route_id, $date, $time, $first_fee, $second_fee);
        $ins->execute();
      }
    }
    alert("Schedules Added!");
    load($_SERVER['PHP_SELF'] . "$me");
  }
```

```
}
if (isset($_POST['edit'])) {
   $route_id = $_POST['route_id'];
   $train_id = $_POST['train_id'];
   $first_fee = $_POST['first_fee'];
   $second_fee = $_POST['second_fee'];
   $date = $_POST['date'];
   $time = $_POST['time'];
   $id = $_POST['id'];
   if (!isset($route_id, $train_id, $first_fee, $second_fee, $date, $time)) {
      alert("Fill Form Properly!");
   } else {
      $conn = connect();
      $ins = $conn->prepare("UPDATE `schedule` SET `train_id`=?,`route_id`=?,`date`=?,`time`=?,`first_fee`=?,`second_fee`=? WHERE id = ?");
      $ins->bind_param("iissiii", $train_id, $route_id, $date, $time, $first_fee, $second_fee, $id);
      $ins->execute();
      alert("Schedule Modified!");
      load($_SERVER['PHP_SELF'] . "$me");
   }
}
if (isset($_POST['del_train'])) {
   $con = connect();
   $conn = $con->query("DELETE FROM schedule WHERE id = '" . $_POST['del_train'] . "'");
   if ($con->affected_rows< 1) {
      alert("Schedule Could Not Be Deleted. This Route Has Been Tied To Another Data!");
```

```
        load($_SERVER['PHP_SELF'] . "$me");
    } else {
        alert("Schedule Deleted!");
        load($_SERVER['PHP_SELF'] . "$me");
    }
}
?>
```

Project work on

"ONLINE ADMISSION SYSTEM "

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

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

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

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

Bachelor of Computer Science

Submitted by

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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 ADMISSION SYSTEM "** is the Bonafide work done by

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In the partial fulfillment of the requirements for the award of Degree in BACHELOR OF COMPUTER SCIENCE during the year 2022-2023.

Guide

Head of the Department

Submitted for the examination held on 18.04.2023

Examiner

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ABSTRACT

Online Admission System is aimed at developing an online admission application for our college. This system is an online system that can be accessed through any higher level organization and outside as well with proper login provided. The goal of "Online Admission System" is to automate the Academic Institute's admission structures and its related operation and functionality. The objective of the system is to provide support to the administration and students by providing a faster, transparent and easy way of keeping records and use them for further preceding.

Student admissions are playing very important role in major activities of the any higher level organizations the basic requirement of the college is students and without students university cannot survive. An inefficient admission application system may reduce the number of admitted student in the esteemed university because if the admission system is slow and having many delays in the process.

This project is to design and develop the under-graduate for our college to develop an easy to use system that will significantly quicken and simplify this process. About developing an online application through which student from different location can access any higher level organisation information and take admission using online admission system.

Students can apply for the course by filling an application form provided by online. College principal/administrator logging in may also access/search information put up by the students.

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INTRODUCTION

1. INTRODUCTION

Online admission system is a platform developed to automate and computerize the process of giving and acquiring admissions. The aim of the proposed system is to provide good user interface for easy understanding and better use of the system for the user and to provide the ability to maintain the records efficiency for the administrator. This is system helps to add the multiple record of the students easily. The system internet- based application which can be access from anytime anywhere basis.

The increasing numbers of students seeking admission in the academic institutes cause tremendous pressure on the administrative body of the institutes to manage and arrange the admission process manually. It is difficult now to conduct the process accurately in timely manner. Hence, the need for online admission is inevitable. It is a time taking process and involves huge manpower wherein the online admission system ensures accurate and very fast computerised information. Maintaining backup is also very easy using the system.

1.1 PROJECT OVERVIEW

The Online Admission System is a digital tool that helps educational institutions to manage the student enrolment process effortlessly**.** It lets admission teams capture student inquiries, check their eligibility, follow-up, collect documents, and complete the application process digitally**.** The goal of the system is to keep records and use them for reference and further proceeding. Not only this, it's purpose is also to reduce the cost of forms print, to maintain the queries and distribution of forms, to make easy to collect forms through online and listing the candidates/students.

1.2 OBJECTIVE

The main objective of the **Online Admission System** is to help the College Management and the Students solve the issue faced by them with the help of software and software requirements.

- Develop a web application.
- Create simple form submitting system.
- Store the information of the student and manage them.
- Retrieve the information when required.
- Make the user interface more appealing.
- Form validation.
- Sending confirmation messages through E-mail to the mobile of applicants.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Today in colleges, student details are entered in many documents for future references. The maintaining process of student details in separate records became tedious task. Referring to all these records and updating becomes cumbersome. There is a chance for more errors as we update in one place but not in all the places that contains the relevant record. This leads to data inconsistency. Inconsistency, mistaking information, duplication of data entry are some of the reasons for the downfall of existing system. Every time records are updated by copying the necessary information of the students from the already provide record can cause data redundancy. Unfortunately, data redundancy can cause data inconsistency, which cannot be able to use it effectively as it is stored in an inconvenient way.

Disadvantages:-

1. Require much man power i.e., much effort, much cost and hard to operate and maintain.
2. Since, all the work is done in multiple areas , it is very hard to locate a particular student record when it is required.
3. It is difficult to update a record as it is stored in more than one place which can cause data inconsistency.

2.2 PROPOSED SYSTEM

The main goal of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. Some of the goals of the system are listed below:

- Manage large number of student details.
- Manage all details of student who applied for the course
- Maintain the data effectively.
- View all the details of the students.
- Store the information.
- Activities like verification, modification, deletion of records should be easier.

ADVANTAGES OF PROPOSED SYSTEM

The aim of the proposed system is to address the limitations of the current system. The requirements for the system have been gathered from the defects recorded in the past and also based on the feedback from users of previous metrics tools.

Following are the objectives of the proposed system:

- ***Reach to geographically scattered students***. One of the important objectives of the admission system is communicate with all the students scattered geographically.
- ***Reducing time in activities***. Reduce the time taken to process the applications of students, admitting the students , verify student marks, and send call letters to selected students.
- ***Centralized data handling.*** Transfer the data smoothly to all the departments involved and handle the data centralized way.
- ***Paperless admission with reduced manpower***. Reduce the manpower needed to perform all the admission and administration task by reducing the paper works needed.
- ***Cost Reduction***. Reduce the cost involved in the admission process.
- ***Operational efficiency***. Improve the operational efficiency by improving the quality of the process.

SYSTEM REQUIREMENTS

3. SYSTEM REQUIREMENTS

3.1 HARDWARE REQUIREMENTS

PROCESSOR : Intel i3 & above

RAM : 4GB & above

HDD/SSD: 50GB & above

3.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM: Windows 7 & above

IDE: Visual Code Studio

FRONT END: HTML, CSS, PHP, JAVASCRIPT

BACK END: MySQL

SERVER: WAMP

SYSTEM OVERVIEW

4.SYSTEM OVERVIEW

4.1 MODULEDESCRIPTION

1. HOME

Main Page consists of Home link on the top right corner of the page which will linked to our college Home page.

2. COURSES OFFERED

Main Page consists of Courses link on the top right corner of the page which will have the details of the available courses.

3.CONTACT

Main Page consists of Contact link on the top right corner of the page which will have our college contact details .

4. APPLY NOW

The Apply now button in the main page will be used to start the application process once the user clicks it.

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. 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 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 pag e's content.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behaviour 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, colours, 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.

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 behaviour, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to executethe 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 Pre-processor.

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.

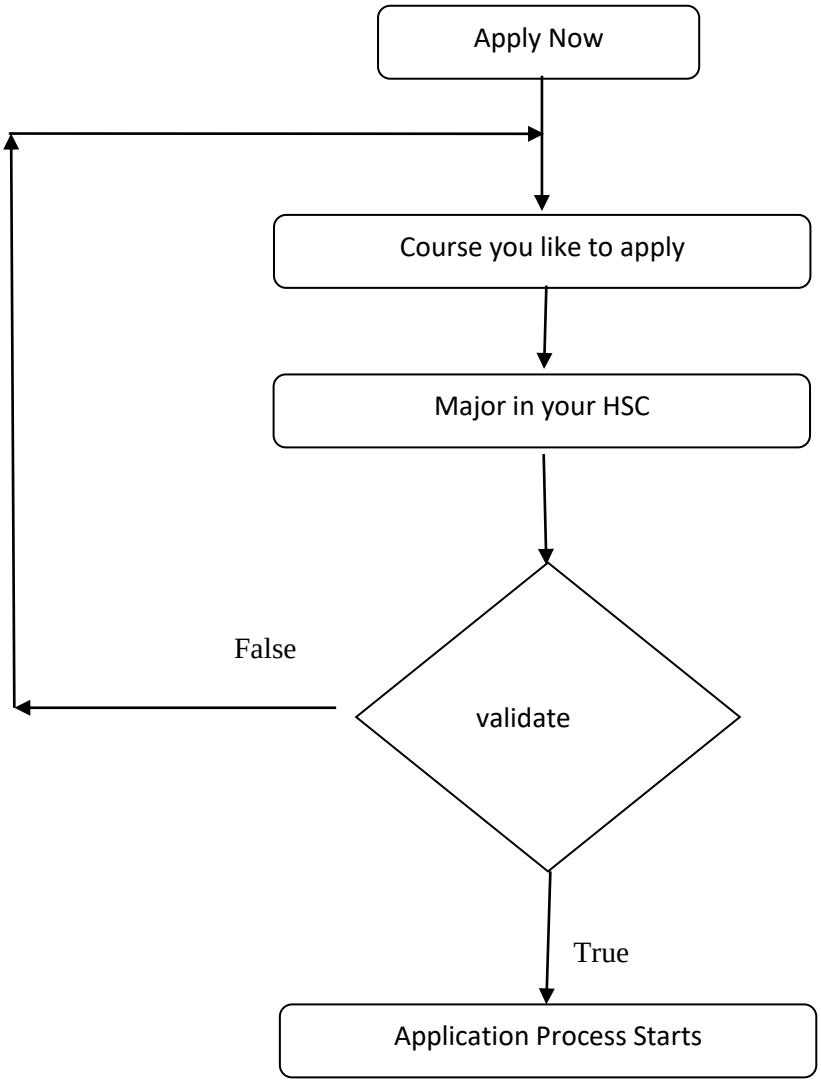
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.
Web browsers are used on a range of devices, including desktops, laptops, tablets, and smartphones

SYSTEM DESIGN

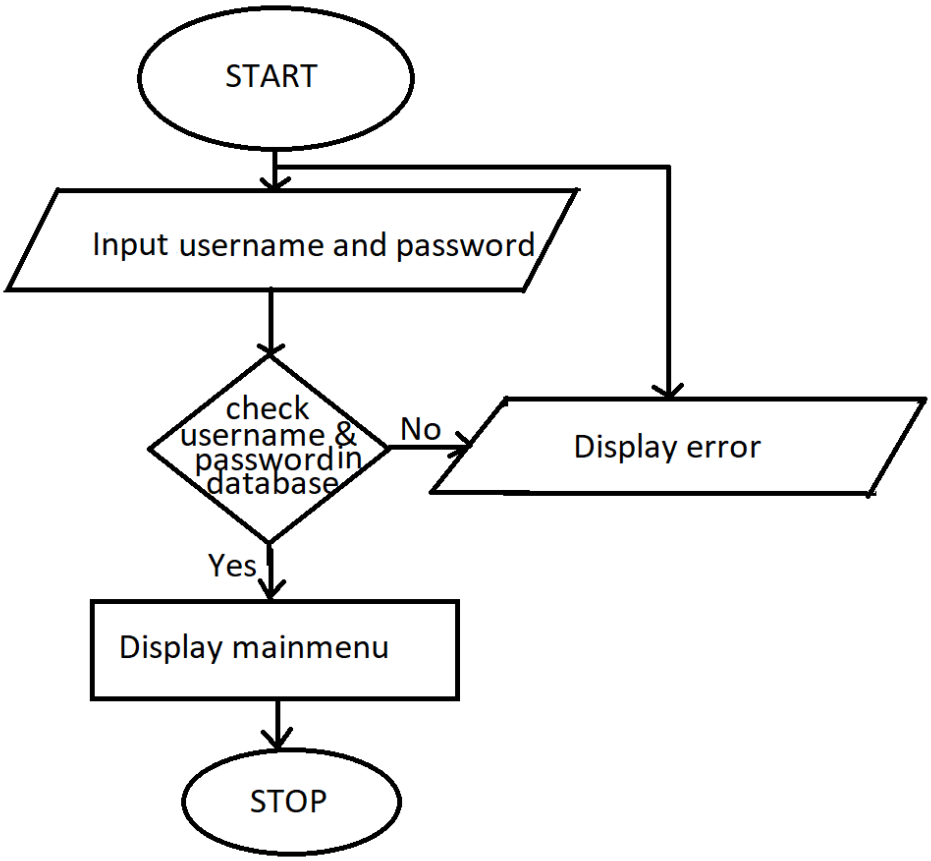
\

SYSTEM DESIGN

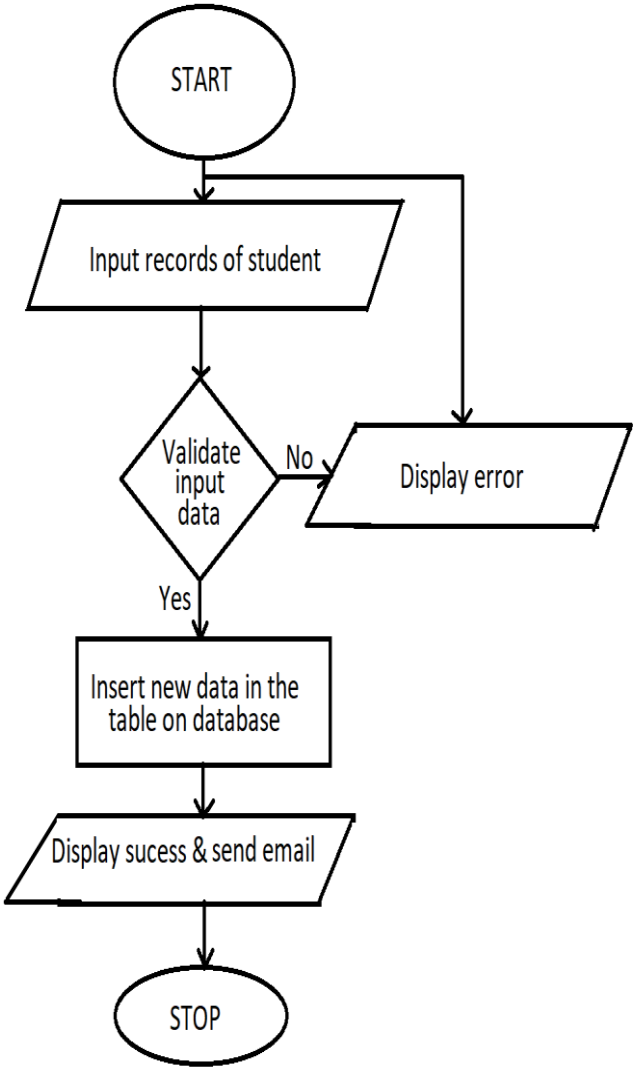
5.1 DATAFLOW DIAGRAMS:



Flow chart diagram for eligibility test



Flowchart for Login Page



Flowchart for application form

5.2 DATABASE DESIGN:

Table name: Users

Field Name	Type
Name	Varchar
D.O.B	Date
Father’s name	Varchar
Father’s Occupation	Varchar
Mother’s Name	Varchar
Mother’s Occupation	Varchar
Age	Int
Course	Varchar
Major	Varchar
Gender	Varchar
Caste	Varchar
Community	Varchar

Field Name	Type
Religion	Varchar
Nationality	Varchar
Address	Varchar
Your photo	Blob
HSC Mark Statement	Blob
Transfer Certificate	Blob
Community Certificate	Blob
Birth Certificate	Blob
Aadhaar Card	Blob

Table name: Academics

Field Name	Type
Name	Varchar
Name of the school	varchar
Register Number	Bigint
Subject 1	Bigint
Subject 2	Bigint
Subject 3	Bigint
Subject 4	Bigint
Total	Bigint

SYSTEM TESTING AND IMPLEMENTATION

6. IMPLEMENTATION AND MAINTENANCE

Implementation is an activity that is contained throughout the development phase. It is a process of bringing a developed system into operational use and turning it over to the user. The new system and its components are to be tested in a structured and planned manner. A successful system should be delivered and users should have confidence that the system would work efficiently and effectively. The more complex the system being implemented the more involved will be the system analysis and design effort required for implementation.

6.1 IMPLEMENTATION PLANS

The major activities in implementation plan are cost estimation, schedule and milestone determination, project staffing, quality control plans, and controlling and monitoring plans The implementation plan involves the following:

- Testing to confirm effectiveness.
- Detection and correction of errors

The system has two modules. They are

- User
- Administrator

Students apply for the course by filling an application form provided through online. College principal/administrator may also access/view information given up by the students by using admin login.

6.2 CHANGEOVER METHOD

If the implementation is changed from one data structure to another, the internals of the object need to be changed, that is the data definitions and the implementation of the operations. From the outside, the directory object can continue to be used in the same manner as before, because its interface is not changed.

6.3 TESTING

Software testing is a critical element of the software development cycle. The testing is essential for ensuring the Quality of the software developed and represents the ultimate view of specification, design and code generation. Software testing is defined as the process by which one detects the defects in the software. Testing is a set of activities that work towards the integration of entire computer based system.

A good test case is one that has a high probability of finding an as-yet undiscovered error. A successful test is one such uncovers or finds such errors. If testing is conducted successfully, it will uncover errors in the software. It also demonstrates that software functions are being performed according to specifications and also behavioural and performance requirements are satisfied. For this, test plans have to be prepared. The implementation of a computer system requires that test data has to be prepared and that all the elements in the system are tested in a planned and efficient manner. Nothing is complete without testing, as it is vital success of the system.

6.3.1 TESTING OBJECTIVES

There are several rules that can serve as testing objectives. They are:

- Testing is process of executing a program and finding a bug.
- A good test case is one that has a high probability of finding an undiscovered.
- A successful test is one that uncovers an undiscovered error.

If testing is conducted successfully according to the objectives as stated above, it would uncover errors in the software. Also testing demonstrates that software functions appear to the working according to the specification, that performance requirements appear to have been met.

6.3.2 UNIT TESTING

Unit testing is carried out screen-wise, each screen being identified as an object. Attention is diverted to individual modules, independently to one another to locate errors. This has enabled the detection of errors in coding and logic. This is the first level of testing. In this, codes are written such that from one module, we can move on to the next module according to the choice we enter.

6.3.3 INTEGRATION TESTING

This testing strategy combines all the modules involved in the system. After the independent modules are tested, dependent modules that use the independent modules are tested. This sequence of testing layers of dependent modules continues until the entire system is constructed.Though each module individually, they should work after linking them together. Data may be lost across interface and one module can have adverse effect on another. In the testing the programs are constructed and tested in the small segments.

6.3.4 SYSTEM TESTING

In this, the entire system was tested as a whole with all forms, code, modules and class modules. System testing is the stage of implementation, which is aimed at ensuring that the system works accurately and efficiently before live operation commences. It is a series of different tests that verifies that all system elements have been properly integrated and perform allocated functions. System testing makes logical assumptions that if all parts of the system are correct, the goal will be successfully achieved. Testing is the process of executing the program with the intent of finding errors. Testing cannot show the absence of defects, it can only show that software errors are present.

6.4 SYSTEM MAINTENANCE

Maintenance involves the software industry captive, typing up the system resources. It means restoring something to its original condition. Maintenance involves a wide range of activities including correcting, coding, and design errors, updating documentation and test data and upgrading user support. Maintenance is continued till the product is re-engineered or deployed to another platform. Maintenance is also done based on fixing the problems reported, changing the interface with other software or hardware enhancing the software

6.5 SYSTEM SECURITY MEASURES

Any system developed should be secured and protected against possible hazards. Security measures are provided to prevent unauthorized access of the database at various levels. An uninterrupted power supply should be so that the power failure or voltage fluctuations will not erase the data in the files.

6.5.1 TECHNICAL SECURITY MEASURES

This is associated with technical problems such as exception conditions detected during execution. This exception should be programmed in the system itself. System errors are some operations during the execution may cause it to fail. This is because of logical programming error. So, it is essential to handle these problems effectively.

6.5.2 INFRASTRUCTURAL SECURITY MEASURES

This is associated with computer failure, system crash, disk failure. Physical problems and catastrophes refer to an endless list of problems that includes power air conditioning failure, fire, theft, damage, overwriting disk or tape by mistake.

6.5.3 ORGANIZATIONAL SECURITY MEASURES

Some problems occur in organization due to the concurrent execution of system. Prevention of labor turnover is another security measure related to the organization.

6.5.4 PERSONAL RELATED SECURITY MEASURE

This security is concerned with offering security to the persons who are developing and using the system. This is offered by providing username and password for each and every person using the system.

CONCLUSION

7. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in the Online Admission System, but also much work remains. In This way we are going to develop college admission system, which is helpful for reduction in manual work so less manpower required. Student's record can be access within few seconds, in account section our system focuses on building an efficient and user friendly communication system for the educational institutions.

It is concluded that the application works well and satisfies the endusers. 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.

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.

The online admission system prototype which was developed is effective in a way that it will automate and make online admission instead of manual. Yet some areas in this study not explored in detail due to time constraint. Some of them are given below in future the possibilities of work to be carried out in this system

1. The payment system can be increased by using the original merchant account for credit card holders.

2. The admission system security in login can be increased by using CAPTCHA.

BIBLIOGRAPHY

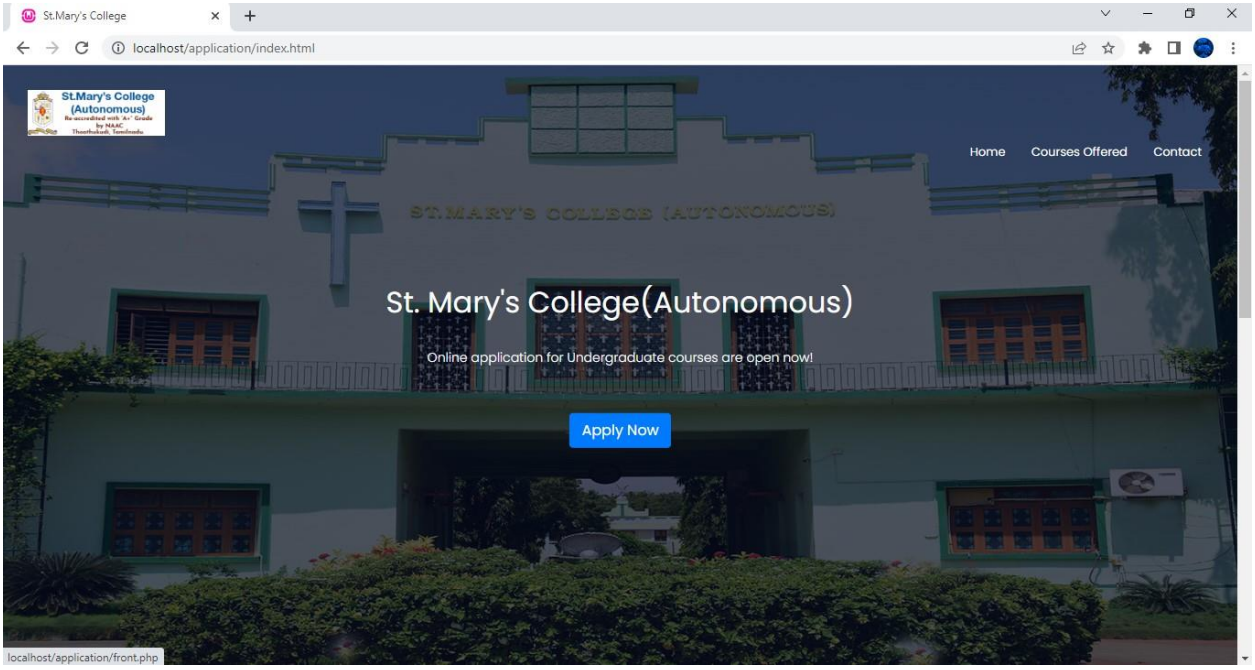
9. BIBLIOGRAPHY

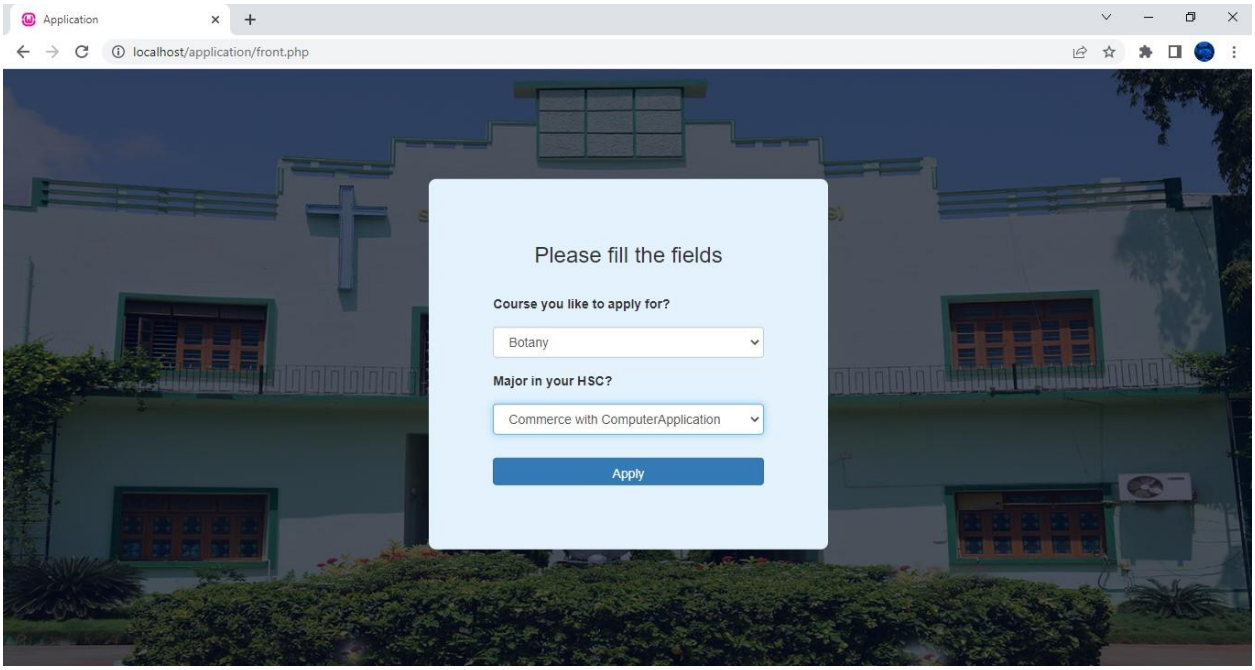
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- PHP for Absolute Beginners by Jason Lengstorf

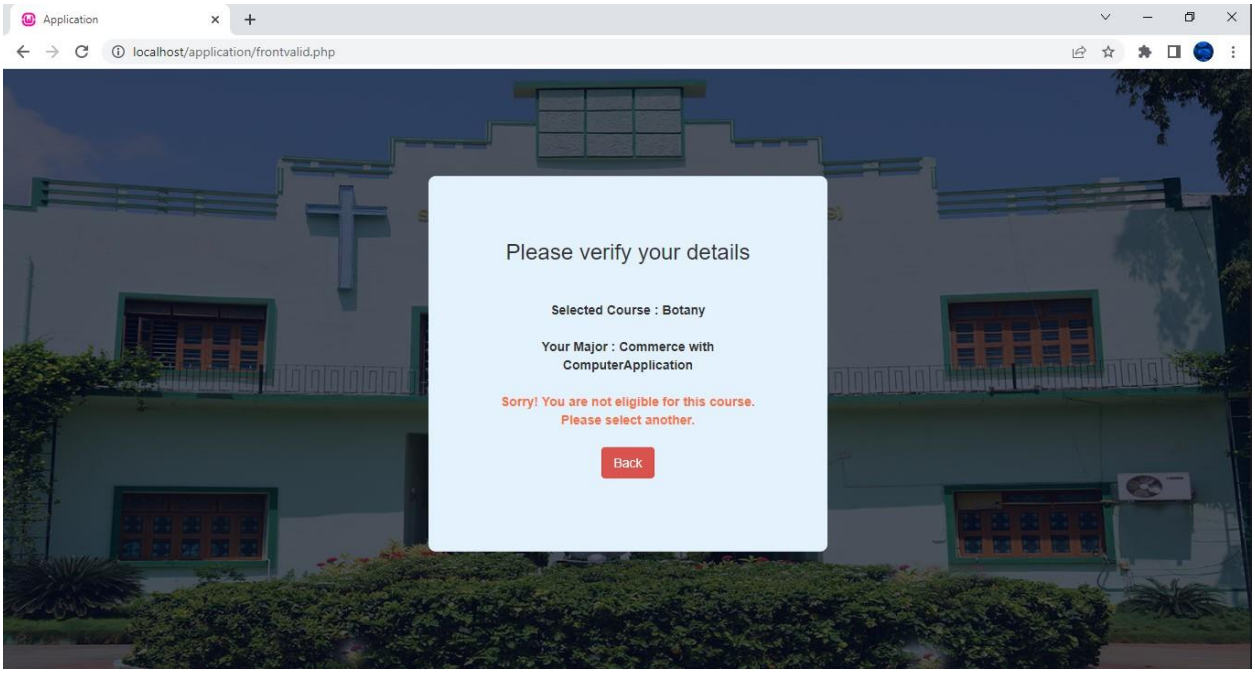
Appendix

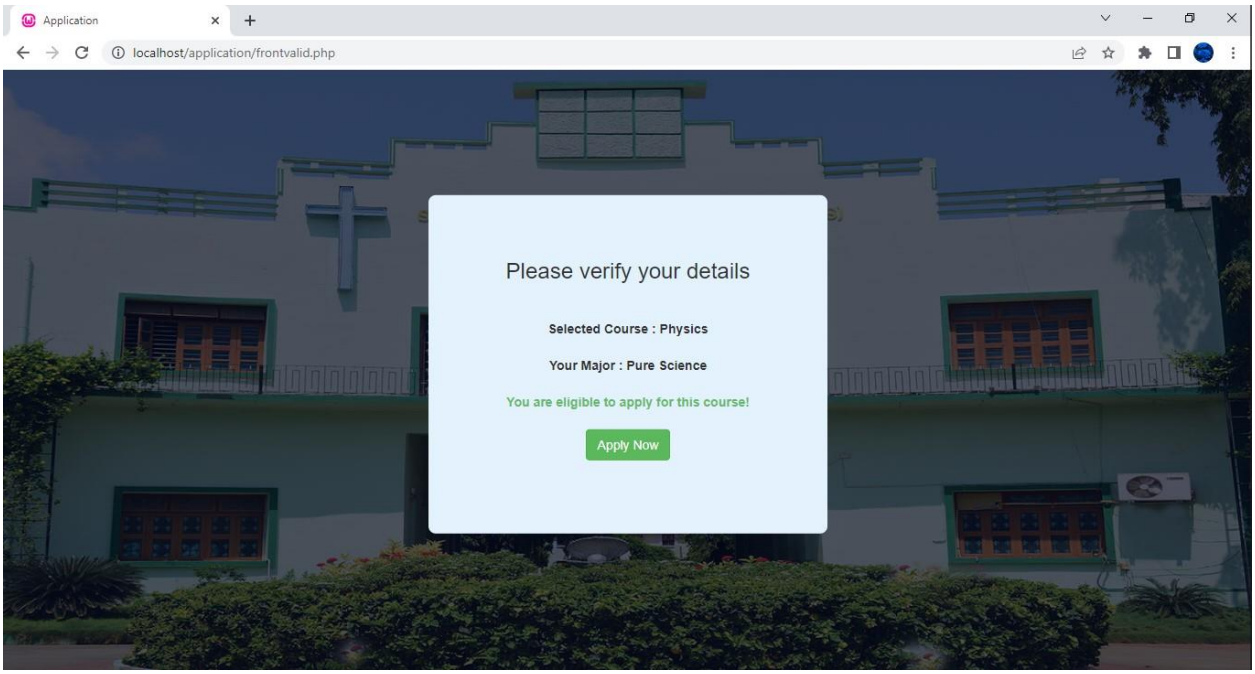
10. Appendix

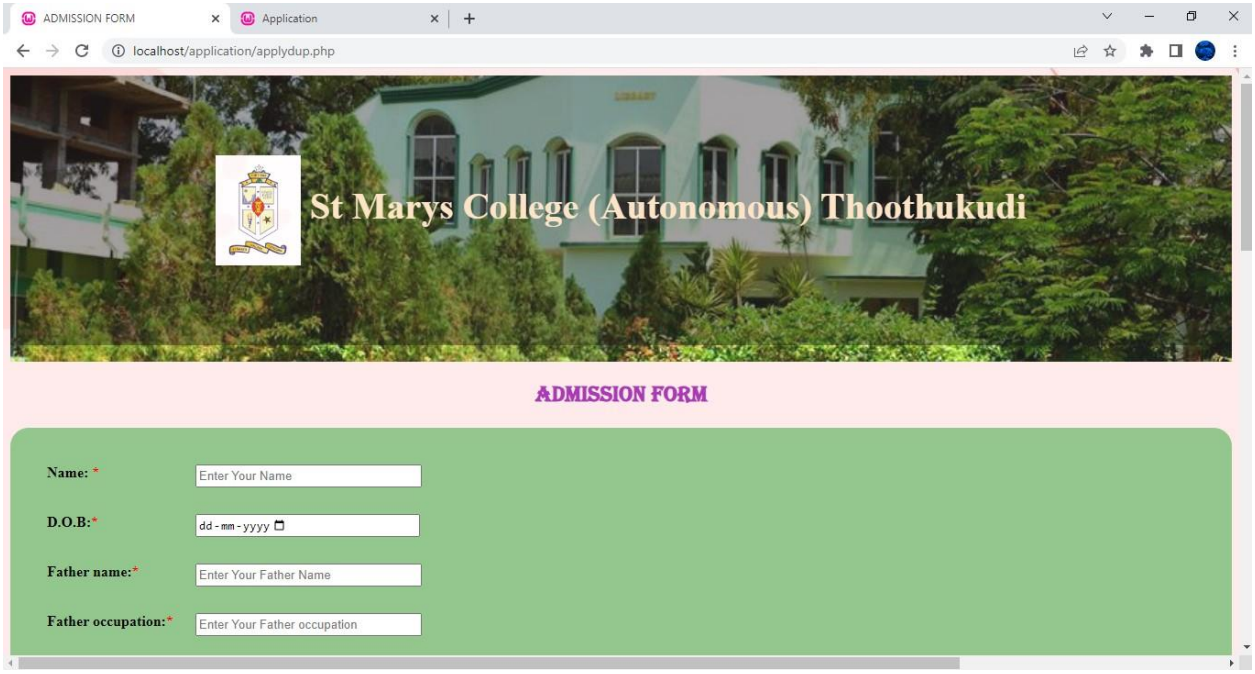
A. Screenshots

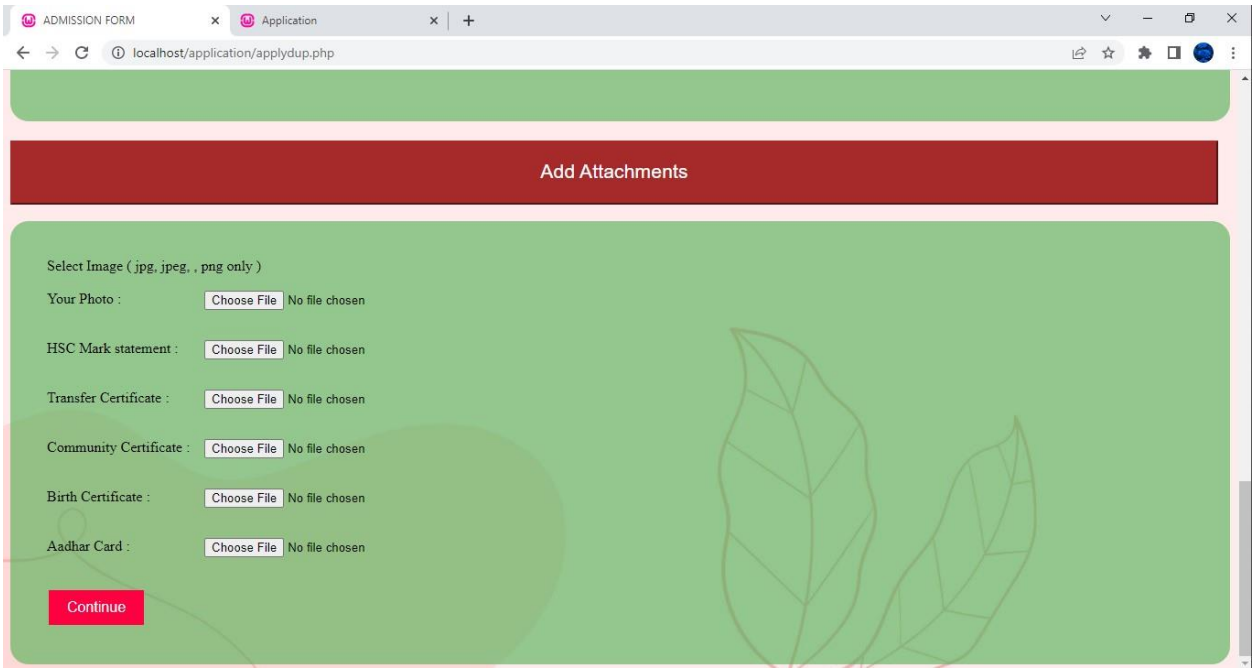


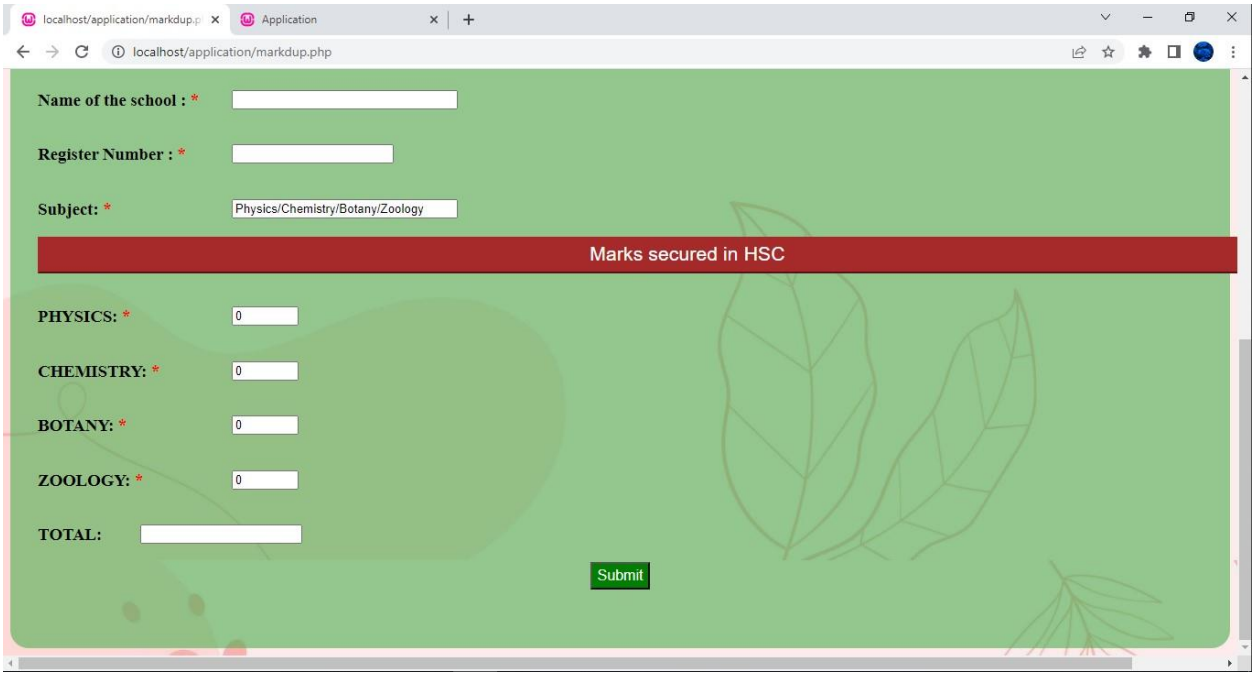


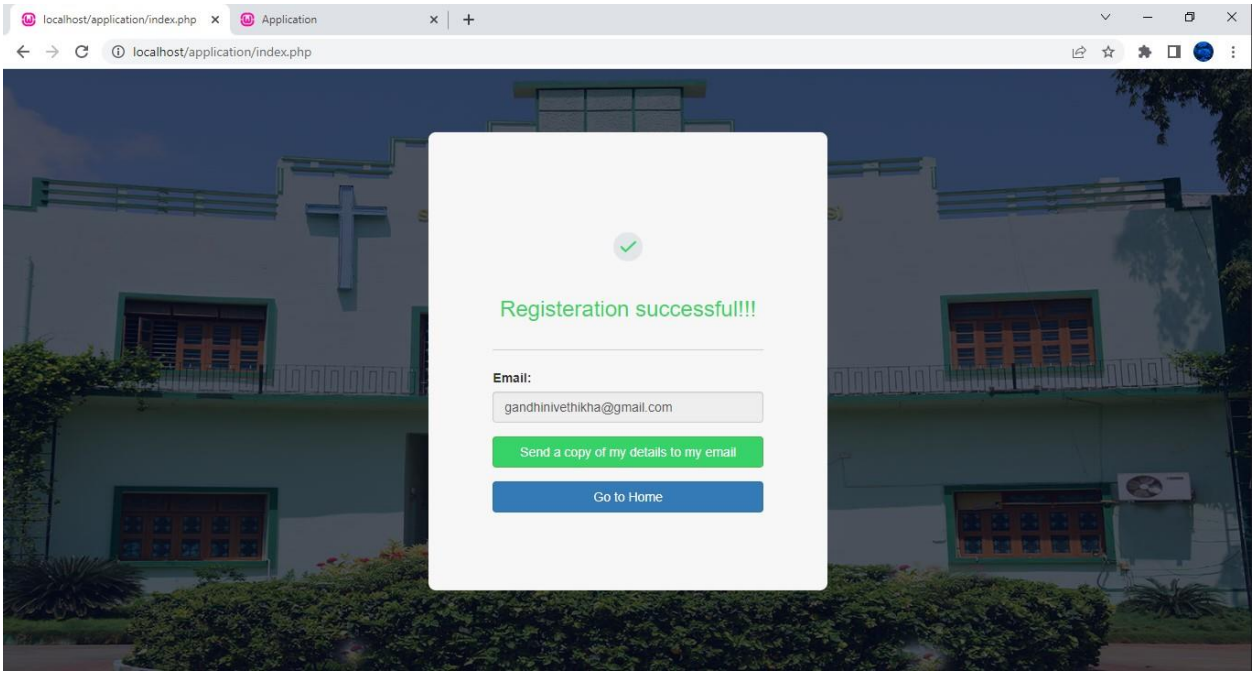

Application
localhost/application/frontvalid.php
Please verify your details
Selected Course : Botany
Your Major : Commerce with ComputerApplication
Sorry! You are not eligible for this course.
Please select another.
Back


Application
localhost/application/frontvalid.php
Please verify your details
Selected Course : Physics
Your Major : Pure Science
You are eligible to apply for this course!
Apply Now


ADMISSION FORM
Application
localhost/application/applydup.php
St Marys College (Autonomous) Thoothukudi
ADMISSION FORM
Name: *
Enter Your Name
D.O.B:*
dd-mm-yyyy
Father name:*
Enter Your Father Name
Father occupation:*
Enter Your Father occupation


ADMISSION FORM
Application
localhost/application/applydup.php
Add Attachments
Select Image (jpg, jpeg, , png only)
Your Photo :
Choose File
No file chosen
HSC Mark statement :
Choose File
No file chosen
Transfer Certificate :
Choose File
No file chosen
Community Certificate :
Choose File
No file chosen
Birth Certificate :
Choose File
No file chosen
Aadhar Card :
Choose File
No file chosen
Continue


localhost/application/markdup.p
Application
localhost/application/markdup.php
Name of the school : *
Register Number : *
Subject: *
Physics/Chemistry/Botany/Zoology
Marks secured in HSC
PHYSICS: *
0
CHEMISTRY: *
0
BOTANY: *
0
ZOOLOGY: *
0
TOTAL:
Submit


localhost/application/index.php
Application
localhost/application/index.php
Registeration successful!!!
Email:
gandhinivethikha@gmail.com
Send a copy of my details to my email
Go to Home

B. Sample Coding

Code for Index page:

```
<html>
<head>
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>St.Mary's College</title>
        <link rel="stylesheet" href="style.css">
        <linkhref="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,600,700&display=swap" rel="stylesheet">
        <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
        <linkrel="stylesheet"href=https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css>
</head>
<body>
<!-------- Header ---------->
<section class="header">
<nav>
<a href="index.html"><img src="images/logo.png"></a>
<div class="nav-links" id="navLinks">
<i class="fa fa-close" onclick="hideMenu()"></i>
<ul>
<li><a href="index.html">Home</a></li>
<li><a href="coursesoffered.html">Courses Offered</a></li>
<li><a href="contact.html">Contact</a></li>
</ul>
</div>
<i class="fa fa-bars" onclick="showMenu()"></i>
</nav>
```

```
<div class="text-box"><h2>St. Mary's College(Autonomous)</h2>
<p>Online application for Undergraduate courses are open now!<br></p>
<a href="front.php" class="btn btn-outline-primary">Apply Now</a>
</div>
</section>
<!-------- footer ----------><section class="footer">
<div class="row">
<div class="footer-col">
<a href="index.html"><img src="images/logo.png" class="footer-logo"></a>
</div>

<div class="footer-col">
<h1>Quick Links</h1>
<p><a href="index.html"><i class="fa fa-home"></i></a>Home</p>
<p><a href="coursesoffered.html"><i class="fa fa-users"></i></a>Courses Offered</p>
<p><a href="Certified Courses.html"><i class="fa fa-folder-open"></i></a>Certified Courses</p>
<p><a href="activity.html"><i class="fa fa-paper-plane"></i></a>Activity</p>
<p><a href="ourstaff.html"><i class="fa fa-pencil-square"></i></a>Our Staffs</p>
<p><a href="ourstudents.html"><i class="fa fa-pencil-square"></i></a>Our Students</p>
<p><a href="contact.html"><i class="fa fa-address-book"></i></a>Contact</p>
</div>
<div class="footer-col">
<h1>Quick Contact</h1>
<p><i class="fa fa-phone-square"></i> 0461- 2320946</p>
<p><i class="fa fa-envelope"></i> smctuty@gmail.com</p>
<p><i class="fa fa-home"></i> www.stmaryscollege.edu.in</p>
</div>
<div class="footer-col">
<h1>Follow Us On</h1>
</div>
</div>
<hr>
</div>
```

```
</section>
<!----JavaScript for toggle menu---->
<script>
        var navLinks = document.getElementById("navLinks");
            function showMenu() {
            navLinks.style.right = "0";
        }
function hideMenu() {
            navLinks.style.right = "-200px";
        }
</script>
</body>
</html>
```

Code for eligibility checking:

```
<?php
require_once 'db.php';
?>
<html>
<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>Application</title>
<link rel="stylesheet" type="text/css" href="css/bootstrap.css" />
<link rel="stylesheet" href="mystyle.css">
</head>
```

```
<body>
<div class="front-container">
<div class="center-element">
<div class="row">
<div class="col-md-4">
<div class="container">
<div class="table-responsive">
<!--<table>
<thead>
<tr class="table-danger">
<th scope="col">#</th>
<th scope="col">course</th>
<th scope="col">Major</th>
</tr>
</thead>
<tbody>
<tr class="table-danger">
<th scope="row">1</th>
<td>Tamil</td>
<td>Otto</td>
</tr>
<tr class="table-danger">
<th scope="row">2</th>
<td>Jacob</td>
<td>Thornton</td>
</tr>
<tr class="table-danger">
<th scope="row">3</th>
<td>Larry</td>
<td>the Bird</td>
</tr>
</tbody>
```

```
</table>-->
</div>
</div>
</div>
<div class="col-md-4">
<form method="post" action="frontvalid.php">
<h3 class="front-h3">Please fill the fields</h3>
<div class="form-group">
<label for="course">Course you like to apply for?</label>
<select name="course" class="form-control" id="course">
<option>--Select--</option>
<option>Zoology</option>
<option>Botany</option>
<option>Microbiology</option>
<option>Computer Science</option>
<option>Maths</option>
<option>Physics</option>
<option>Chemistry</option>
<option>Psychology</option>
<option>English</option>
<option>Economics</option>
<option>History</option>
<option>Commerce</option>
<option>Business Administration</option>
</select>
</div>
<div class="form-group">
<label for="hsc">Major in your HSC?</label>
<select name="hsc" class="form-control" id="hsc">
<option>--Select--</option>
<option>Maths Biology</option>
<option>Maths Computerscience</option>
```

```
<option>Pure Science</option>
<option>Commerce with BusinessMaths</option>
<option>Commerce with ComputerApplication</option>
<option>BusinessMaths with ComputerScience</option>
<option>History</option>
</select>
</div>
<input type="submit" class="btn btn-primary front-submit" name="apply" value="Apply">
</form>
</div>
<div class="col-md-4"></div>
</div>
</div>
</div>
</body>
</html>
```

Code for application form:

```
<?php
SESSION_START();
require_once 'db.php';
include 'header.php';
$crs = $_SESSION['course'];
$hs = $_SESSION['hsc'];
?>
<center>
<html>
<head>
<style>
```

```
 .error {
       color: red;
     } .container {
       border-radius: 20px;
       background-color: #f2f2f2;
       background: rgba(76, 175, 80, 0.6);
       padding: 40px;
     }.butto {
       background-color: #ff0040;
       border: none;
       color: white;
       padding: 10px 20px;
       text-align: center;
       text-decoration: none;
       display: inline-block;
       font-size: 16px;
       margin: 3px 2px;
       transition-duration: 0.4s;
       cursor: pointer;
     }.input-box{
 background-color: #d1d1d1;
}
</style>
<title>ADMISSION FORM</title>
</head>
<body background="pink.jpg">
<font color="#af38b8" face="Algerian">
<h2> ADMISSION FORM</h2>
</font>
<h4>
<form method="post" action="markdup.php">
<div class="container">
<center>
```

<label style="float: left;"> Name: *</label><input name="name" type="text" id="name" size="30" align="right" style="display: grid; position: absolute; height:25; left: 210px; grid-template-columns: 1fr 2fr;" pattern="[A-Za-z]{1,}" title="Name must contain only alphabetes" size="40" required=""
placeholder="Enter Your Name"><class="form-control" value="" maxlength="50" required="">

<label style="float: left;">D.O.B:*</label><input type="date" name="dob" id="dob" min="1998-01-01" max="2005-12-31" size="30" style="float:center;display: grid; height:25;left: 210px; position: absolute;grid-template-columns: 1fr 2fr;" required />
<class="form-control" value="" maxlength="50" required="">
<span
class="text-danger">

<label style="float: left;">Father name:*</label><input type="text"
name="father_name" size="30" pattern="[A-Za-z]{1,}" title="Name must contain only alphabetes"
size="40" style="display: grid; position: absolute; height:25; left: 210px; grid-template-columns: 1fr 2fr;" placeholder="Enter Your Father Name" required /><class="form-control" value="" maxlength="50" required="">

<?php if (isset($fname_error))
echo $fname_error; ?>

<label style="float: left;">Father occupation:*</label><input type="text"
name="fatheroccu" size="30" style="display: grid; position: absolute; height:25;left: 210px; grid-template-columns: 1fr 2fr;" pattern="[A-Za-z]{1,}" title="Occupation must contain only alphabetes" size="40" placeholder="Enter Your Father occupation" required><class="form-control" value="" maxlength="50" required="">


```
<label style="float: left;">Mother name:<span class='error'>*</label><input type="text"
            name="mother_name" size="30"
            style="display: grid; position: absolute;  height:25; left:  210px; grid-template-columns: 1fr 2fr;"
            pattern="[A-Za-z ]{1,}" title="Name must contain only alphabetes"
            placeholder="Enter Your Mother name" required><class="form-control" value="" maxlength="50"
            required=""><br>
<span class="text-danger">
<?php if (isset($mname_error))
              echo $mname_error; ?>
</span></span>
<label style="float: left;">Mother occupation:<span class='error'>*</label><input type="text"
             name="motheroccu" size="30"style="display: grid; position: absolute; height:25; left: 210px; grid-template-columns: 1fr 2fr;" pattern="[A-Za-z ]{1,}" title="Name must contain only alphabetes"
placeholder="Enter Your mother occupation" required><class="form-control" value="" maxlength="50"
            required=""><br>
</span><br><br>
<label style="float: left;">Age:<span class='error'>*</label><input name="age" type="number"
             id="age" size="30"
             style="display: grid; position: absolute; width:130; height:25; left:  210px; grid-template-columns: 1fr 2fr;"
             min="18" max="24" title="Please enter valid age" placeholder="Enter Your  age" maxlength="50"
             required></span><br><br><br>

<label style="float: left;">Course:<span class='error'>*</label><input name="course" class="input-box" type="text"id="course" style="display: grid; position: absolute; height:25; left:  210px; grid-template-columns: 1fr 2fr;" value="<?php echo $crs ?>" size="30" readonly></span>
```

```
<label style="float: left;">Major:<span class='error'>*</label><input name="major" class="input-box" type="text"
                id="major"  style="display: grid; position: absolute; height:25; left:  210px; grid-template-columns:  1fr  2fr;"  value="<?php  echo  $hs  ?>"  size="30"  readonly></span><br><br><br><br>
<label style="float: left;">Gender:<span class='error'>*</label></span>
<div style="float: left;">
<div style="  position: absolute;height:25; left: 210px;">
<input type="radio" name="gender" value="Female" required="required">Female
<input type="radio" name="gender" value="Other" required="required">Transgender
</div>
</div>
<label style="float: left;">Caste:<span class='error'>*</label><input name="caste" type="text"
                id="caste"  size="30"  style="display: grid; position: absolute; height:25; left: 210px; grid-template-columns: 1fr 2fr;"
                pattern="[A-Za-z ]{1,}" title=" Name must contain only alphabetes"
                placeholder="Enter Your  caste" required></span><br><br><br>
<label style="float: left;">Community:<span class='error'>*</label></span>
<div style="float: left;">
<div style=" position: absolute; height:25;left: 210px;grid-template-columns: 1fr 2fr;">
<input type="radio" name="community" value="sc" required="required">SC
<input type="radio" name="community" value="st" required="required">ST
<input type="radio" name="community" value="bc" required="required">BC
        <input type="radio" name="community" value="mbc" required="required">MBC
<input type="radio" name="community" value="bcm"required="required">BCM
<input type="radio" name="community" value="dnc" required="required">DNC
<input type="radio" name="community" value="others">Others
</div>
</div>
<label style="float: left;">Religion:<span class='error'>*</label>
<div style="float: left;">
<div
                 style=" display: grid; position: absolute; height:25; left: 210px;grid-template-columns: 1fr 2fr;">
```

```
<select name="religion" required>
<option>--Choose--</option>
<option> Hinduism</option>
<option>Christianity</option>
<option>Islam</option>
<option>Others</option>
</select>
</div>
</div>
</span>
<label style="float: left;">Nationality:<span class='error'>*</label><input name="nationality"
                type="text" id="nationality"style="display: grid; position: absolute; height:25; left: 210px; grid-template-columns: 1fr 2fr;" pattern="[A-Za-z ]{1,}" title=" Name must contain only alphabetes" placeholder="indian" size="30" required></span>
<label style="float: left;">Address:<span class='error'>*</label><textarea id="address"
                name="address" rows="5" cols="30"
style="display: grid; position: absolute; left:  210px; grid-template-columns: 1fr 2fr;"
pattern="[A-Za-z ]{1,}" title=" Name must contain only alphabetes"
                placeholder="Enteryouraddress" required></textarea></span><br>
<label style="float: left;">pincode:<span class='error'>*</label><input name="pincode"
                type="text" id="pincode" size="30"
                style="display: grid; position: absolute; height:25; left:  210px; grid-template-columns: 1fr 2fr;" required></span><br><br><br>
<label style="float: left;">Email Id:<span class='error'>*</label><input type="email"
                name="email" size="30"
                style="display: grid; position: absolute; height:25; left:  210px; grid-template-columns: 1fr 2fr;"><class="form-control"
                value="" maxlength="30" required=""><br>
<span class="text-danger">
<?php if (isset($email_error))
                    echo $email_error; ?>
</span></span><br><br><br>
```

```
<label style="float: left;">Mobile No:<span class='error'>*</label><input type="text"
name="mobile" size="30"
                style="display: grid; position: absolute; height:25; left:  210px; grid-template-columns: 1fr 2fr;"
                pattern="[0-9]{10}" title="Please enter exactly 10 digits"
                placeholder="Enter your mobile number" required>
<class= "form-control" value="" maxlength="50" required=""><br>
<span class="text-danger">
<?php if (isset($mobile_error))
                    echo $mobile_error; ?>
</span></span><br><br>
</div>
</center>
<input name="attach" type="button" id="attach"
 style="height:70px;width:1320px;font-size:16pt;font-size:16pt;background-color:brown; border-color:brown; color:white;align:left"
 value="Add Attachments" /><br><br>
<div class="container">
<div class="form-row">
<div class="form-group col-md-7">
<label for="itemImageFile">Select Image ( <span class="blueText">jpg</span>, <span class="blueText">jpeg</span>,
<span class="blueText"></span>, <span class="blueText">png</span> only )</label><br><br>
<label style="float: left;">Your Photo :</label><input type="file" class="form-control-file btn btn-dark"
    id="photo" name="photo" accept=".jpg,.jpeg," onchange="validateFileSize()" maxlength="20000" required
    style="display: grid; position: absolute; height:25; left:  220px; grid-template-columns: 1fr 2fr;"><br><br><br>
<label style="float: left;">HSC Mark statement :</label><input type="file" class="form-control-file btn btn-dark" id="hsc" name="hsc" accept=".pdf" maxlength="20000" required style="display: grid; position: absolute; height:25; left:  220px; grid-template-columns: 1fr 2fr;">
```

```
<label style="float: left;">Transfer Certificate :</label><input type="file"
    class="form-control-file btn btn-dark" id="tc" name="tc" accept=".jpg,.jpeg" maxlength="20000" required
    style="display: grid; position: absolute; height:25; left: 220px; grid-template-columns: 1fr 2fr;"><br><br><br>
<label style="float: left;">Community Certificate :</label><input type="file"
    class="form-control-file btn btn-dark" id="cc" name="cc" accept=".jpg,.jpeg" maxlength="20000" required
    style="display: grid; position: absolute; height:25; left: 220px; grid-template-columns: 1fr 2fr;"><br><br><br>
<label style="float: left;">Birth Certificate :</label><input type="file" class="form-control-file btn btn-dark"
    id="bc" name="bc" accept=".jpg,.jpeg" maxlength="20000" required
    style="display: grid; position: absolute; height:25; left: 220px; grid-template-columns: 1fr 2fr;"><br><br><br>
<label style="float: left;">Aadhar Card :</label><input type="file" class="form-control-file btn btn-dark" id="ac"
    name="ac" accept=".jpg,.jpeg" maxlength="20000" required
    style="display: grid; position: absolute; height:25; left: 220px; grid-template-columns: 1fr 2fr;"><br><br><br>
<input type="submit" name="continue" class="butto" id="continue" value="Continue">
</div>
</div>
</div>
</form>
</body>
</html>
```

Code for sending email:

```
<?php
SESSION_START();
require_once "db.php";
$uemail = $_SESSION['mail'];
if (isset($_POST['submit']))
{
	$sname = mysqli_real_escape_string($conn, $_POST['name1']);
	$sclname = mysqli_real_escape_string($conn, $_POST['school']);
	$reg = mysqli_real_escape_string($conn, $_POST['regno']);
	$subject = mysqli_real_escape_string($conn, $_POST['subject']);
	$m1 = mysqli_real_escape_string($conn, $_POST['mark1']);
	$m2 = mysqli_real_escape_string($conn, $_POST['mark2']);
	$m3 = mysqli_real_escape_string($conn, $_POST['mark3']);
	$m4 = mysqli_real_escape_string($conn, $_POST['mark4']);
	$total = mysqli_real_escape_string($conn, $_POST['total']);
	  if (mysqli_query($conn,"update users set school='" .$sclname. "' ,regno='" .$reg.
"',subject='" .$subject. "',
m1='" .$m1. "',m2='" .$m2. "',m3='" .$m3. "',m4='" .$m4. "',total='" .$total. "'
  where name='" .$sname. "' "))
	  {
	  }
}
 mysqli_close($conn);
?>
<!doctype html>
<html>
<head>
<meta charset="UTF-8" name="viewport" content="width=device-width, initial-scale=1" />
<link rel="stylesheet" type="text/css" href="css/bootstrap.css" />
<link rel="stylesheet" type="text/css" href="emailsuccess.css" />
```

```
</head>
</style>
<body>
<div class="front-container">
<div class="center-element">
<div class="row">
<div class="col-md-4"></div>
<div class="col-md-4">
<form method="POST" action="send_email.php">
<div class="img-div">
<img src="success-gif-1.gif" class="email-img"></img>
</div>
<h3 class="front-h3">Registeration successful!!!</h3>
<hr style="border-top:1px solid #ccc;" />
<div class="form-group">
<label>Email:</label>
<input type="email" class="form-control" name="email" value="<?php echo $uemail ?>" required="required" readonly />
</div>
<div class="form-group tcenter">
<button name="send" class="btn btn-success">Send a copy of the details to my email</button>
</div>
<div class="form-group tcenter">
<a class="btn btn-primary" href="index.html">Go to Home</a>
</div>
</form>
<br />
<?php
        if (isset($_SESSION['status'])) {
          if ($_SESSION['status'] == "ok") {
            ?>
```

```
<div class="alert alert-info">
<?php
            echo $_SESSION['result']
              ?>
</div>
<?php
        } else {
          ?>
<div class="alert alert-danger">
<?php
            echo $_SESSION['result']
              ?>
</div>
<?php
        }
        unset($_SESSION['result']);
        unset($_SESSION['status']);
      }
      ?>
</div>
<div class="col-md-4"></div>
</div>
</div>
</div></body>
</html>
```

"Coding is like poetry should be short and concise" - Santosh Kalwar

Project work on

"BLOOD BANK MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

St.Mary's College (Autonomous), Thoothukudi

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

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

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

Bachelor of Computer Science



Submitted by

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DEPARTMENT OF COMPUTER SCIENCE

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

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

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Head of the Department

Submitted for the examination held on 18.04.2023

Examiner

Principal

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

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

ABSTRACT

This project is aimed to developing an online Blood Donation Information**.** Blood Bank Management System is a browser-based system that is designed to store, process, retrieve and analyse information concerned with the administrative within a blood bank. This project aims at maintaining all the information pertaining to blood donors, receivers, different blood groups available in each blood bank and help them manage in a better way. our client is not interested in blood stocking instead we are stocking blood donor's information. The donors who are interested in donating blood has to register in the database. There is no storage of blood so no complications in the database. It is developed in a manner that is easily manageable, time saving and relieving one from manual works. Admin is the main authority who can do addition, deletion, and modification if required. Through this website any person who is interested in donating the blood can register himself in the same way if any organization wants to register itself with this site that can also register. This proposed Blood Bank Management System gives a reliable platform for both donors and receivers.

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INTRODUCTION

INTRODUCTION

Blood transfusion safety remains an important public health concern. The availability of blood products of all blood types and the provision of its safety ensure public trust of its excellent healthcare system. However, lack of availability of these blood products and provision of unsafe blood products still impact morbidity and mortality in the Sultanate. Through the use of online blood bank management system, blood transfusion safety is expected to be enhanced or improved. Risks on improper blood donor's documentation, and misplaced records can be minimized or totally avoided. Also, processes involving blood bag collection, storage, and inventory will be systematized and organized, hence, improving the healthcare management.

- To ensure hospital to have good supply or inventories of blood bags.
- To check the availability of blood bags anytime.
- To manage the information of its blood donor.
- To inform donors of their blood result after their donation.
- To allow good documentation about the donor and its blood donation activities.
- Support fast searching to find match blood bags for the right person.

1.1. PROJECT OVERVIEW

BLOOD BANK MANAGEMENT SYSTEM is a website where users can log in as a donor and also as a receiver. Blood Bank Management System as an information management system that contributes to the management of donor records, receiver records, hospital records and admin records. Their system allowed an authorized blood bank administrator to sign in with a password to manage easily the records of donors and receivers who need blood. The system provided many features including the central database, quick access to the system content through the login, includes the search code to find donors on a given basis, and the ease of adding and updating donor data. The main aim of the system was to complete the process of the blood bank.

1.2. OBJECTIVE

The main objective of the **BLOOD BANK MANAGEMENT SYSTEM** is to help the people who needs blood in emergency and to associate some donors who are willing to donate their blood to needy people and save their lives. Blood donors and patients or recipients of blood donation are not system users, their registration or information will be encoded by the blood bank receptionists.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

There is a significant difference in the level of blood transfusion safety between manual-based and online blood bank systems. There is an increased level of blood transfusion safety in using online blood bank management systems while there is an increased risk when using manual-based one. Internet connectivity is needed for the online blood management system. Internet speed may affect the perception of the systems users with regards to the system effectiveness and efficiency. Blood transfusion should be performed by medical or professional doctors only. The over-all safety depends on the success of the medical operation.

DISADVANTAGES:

- Server interactions.
- Manual document and data entry.
- Logistic issues.
- Surgical delay may result in outdating and discard of units.
- Blood/component shortage.

2.2. PROPOSED SYSTEM

The 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 hospital. This Website will provide a common ground for all the three parties (i.e. Recipient, Donor and hospitals) and will ensure the fulfillment of demand for blood requested by recipient and/or blood bank.

ADVANTAGES:

- Administrators can find and manage the donor details on the system easily.
- Recipients can now store all the details in the blood bank management system. Therefore, they can get rid of the manual procedures.
- Unique identification number to the donor at the time of the blood donation camp.
- The system is systematized, and organized in managing blood donor records and blood donation activities.
- The main advantage of a blood bank management system is easy and effective information retrieval. Hence, the staff can view precise information quickly.

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 10 & above

IDE: Notepad

FRONT END: HTML, CSS, JavaScript

BACK END: PHP

DATABASE: MySQL

SERVER SIDE: WAMP

SYSTEM OVERVIEW

4. SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION:

1. RECEIVERS

Receivers can login to see the available bloods and they can request the required blood. They can edit their profile. New receivers must register before login.

2. DONORS

Donors can see the blood samples and they can donate the blood to the receivers. They can edit their profile. New donors must register before login.

3.HOSPITALS

Hospitals can manage the donors and the receivers details. They can edit their profile. New hospitals must register before login.

4.ADMIN

Admin can manage the receivers, donors, hospitals details.

4.2 SOFTWARE DESCRIPTION

NOTEPAD:

Notepad++ is a free and open-source text and source code editor for use with Microsoft Windows. It supports tabbed editing, which allows working with multiple open files in a single window. The product's name comes from the C postfix increment operator. Notepad++ was developed by Don Ho in September 2003. Ho first used JEXT (a Java-based text editor) at his company but, dissatisfied with its poor performance, he began to develop a text editor written in C++ with Scintilla.

Notepad++ was first released on SourceForge on 25 November 2003, as a Windows-only application. It features syntax highlighting, code folding and limited autocompletion for programming, scripting, and markup languages, but not intelligent code completion or syntax checking.

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 stands for 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 technologies 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.

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 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.

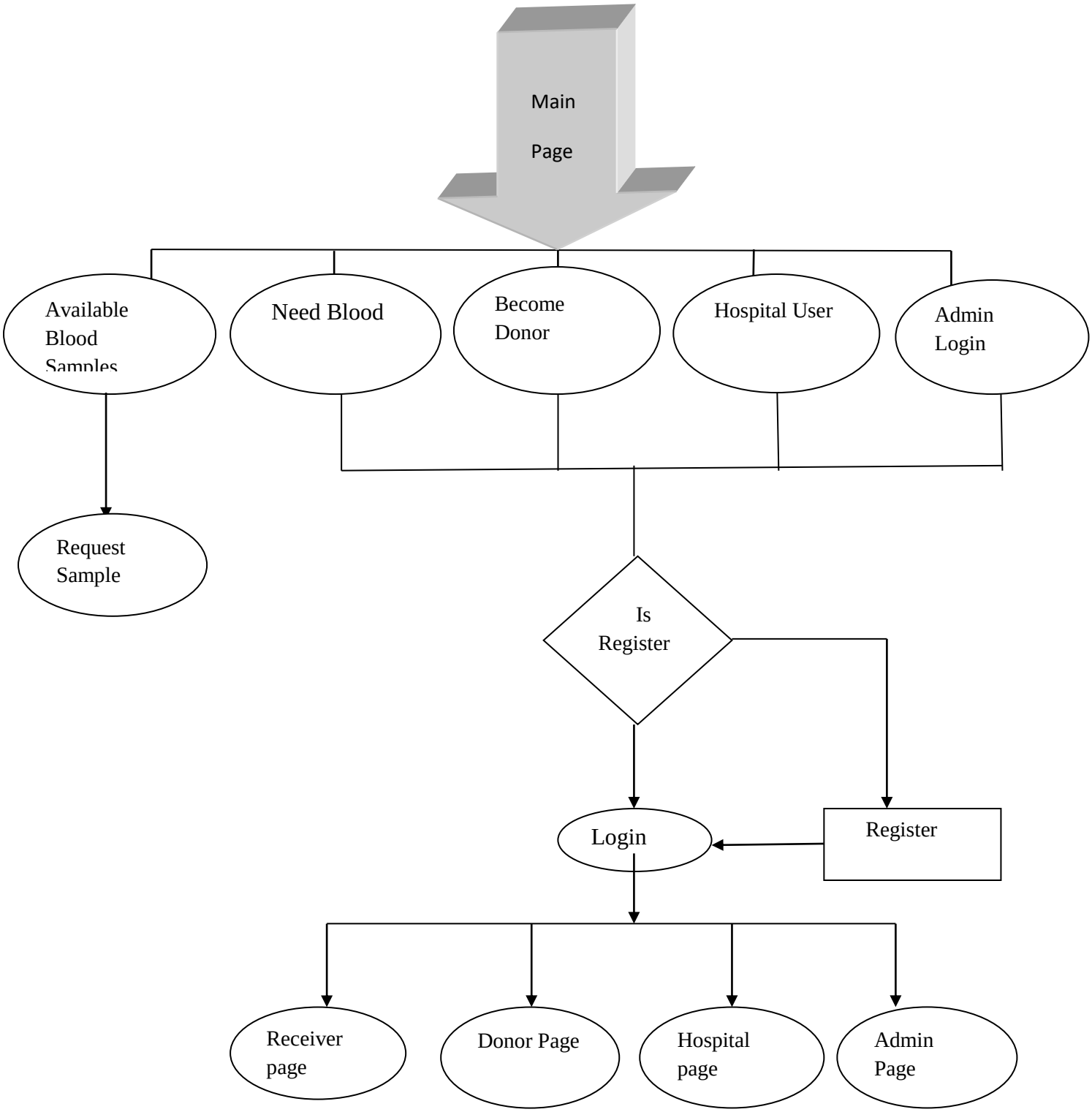
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just a website that provides links to other websites. However, to connect to a website's server and display it web pages, a user must have a web browser installed.

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:admin_login

Field Name	Type	Description
Id	INT	Unique ID
Username	VARCHAR	Name of admin
Password	VARCHAR	Admin password

Table name:bloodinfo

Field Name	Type	Description
Bid	INT	Blood ID
Hid	INT	Hospital ID
Bg	VARCHAR	Bloodgroup

Table name:bloodrequest

Field Name	Type	Description
Reqid	INT	Request ID
Hid	INT	Hospital ID
Rid	INT	Receiver ID
Bg	VARCHAR	Bloodgroup
Status	VARCHAR	Status of blood request

Table name:donor_bloodinfo

Field Name	Type	Description
Bid	INT	Blood ID
Did	INT	Donor ID
Bg	VARCHAR	Bloodgroup

Table name:donors

Field Name	Type	Description
Did	INT	Donor ID
Dname	VARCHAR	Donor Name
Demail	VARCHAR	Donor Email
dpassword	VARCHAR	Donor Password
Dphone	VARCHAR	Donor Phone
Dbg	VARCHAR	Donor Bloodgroup
Dcity	VARCHAR	Donor City
Dage	INT	Donor Age
Dstate	VARCHAR	Donor State
Ddistrict	VARCHAR	Donor District

Table name:hospitals

Field Name	Type	Description
Id	INT	Hospital ID
Hname	VARCHAR	Hospital Name
Hemail	VARCHAR	Hospital Email
hpassword	VARCHAR	Hospital Password
Hphone	VARCHAR	Hospital Phone
Hstate	VARCHAR	Hospital State
Hdistrict	VARCHAR	Hospital District

Table name:receivers

Field Name	Type	Description
Id	INT	Receiver ID
Rname	VARCHAR	Receivers Name
Remail	VARCHAR	Receiver Email
rpassword	VARCHAR	Receiver Password
Rphone	VARCHAR	Receiver Phone
Rbg	VARCHAR	Receiver Bloodgroup
Rstate	VARCHAR	Receiver State
Rdistrict	VARCHAR	Receiver District

5.3 INPUT DESIGN:

Input design is the process of converting user-originated inputs to a computer-based format. Input design is the 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 wed 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 result and the information that are generated by thesystem for many end users;output is the main reason for developing the system and the basis on which they are evaluated 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 in design and development,

2. Works as expected,

3. Can be implemented with the same characteristics,

4. Satisfies the meet 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

It 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 test

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 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 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 purpose of these literature reviews was to collect information on how an information system helped the management of blood banks. Based on the reviews, it was found out that web-based blood bank systems provide convenience, efficiency and security to the system users and hospitals compared to the manual systems. It was found out that manual systems have many disadvantages that disappoint and dissatisfy users. Indeed, online blood bank applications make work easy, and ensures fast retrieval of data when needed.

It is a fast-paced and efficient way to communicate without any security threats as the data entered will be verified and frequently updated thereby increasing the probability of saving one's life.

It is concluded that the application works well and satisfies the 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 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.

Future 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.

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9. BIBLIOGRAPHY

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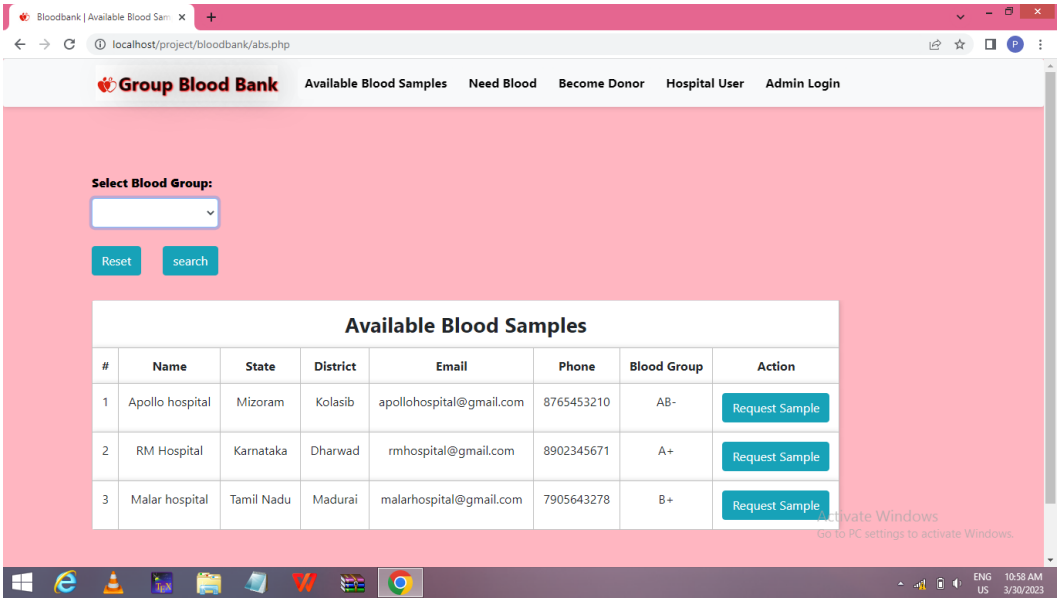
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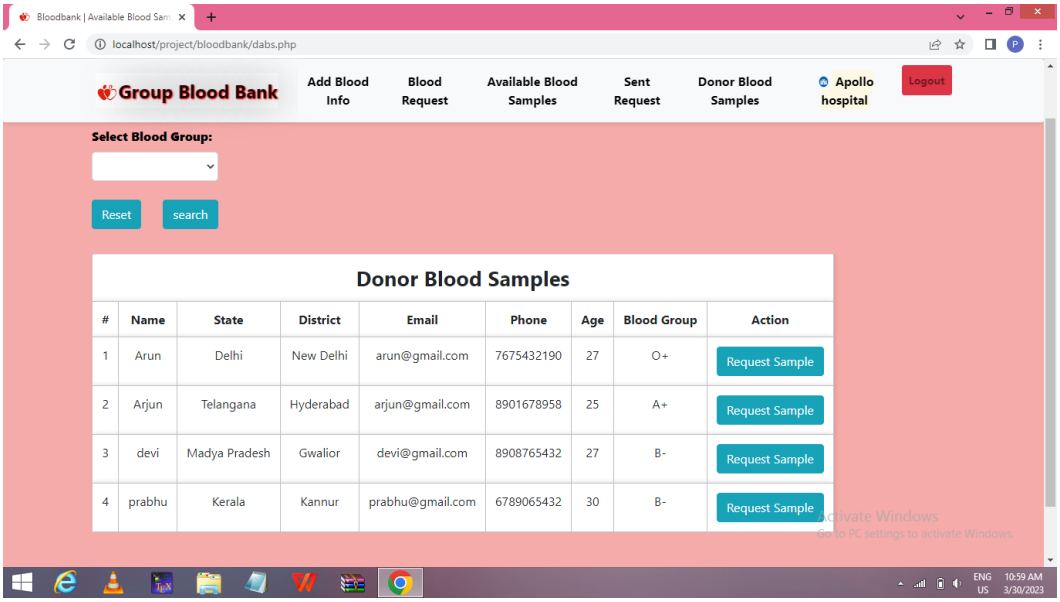
APPENDIX

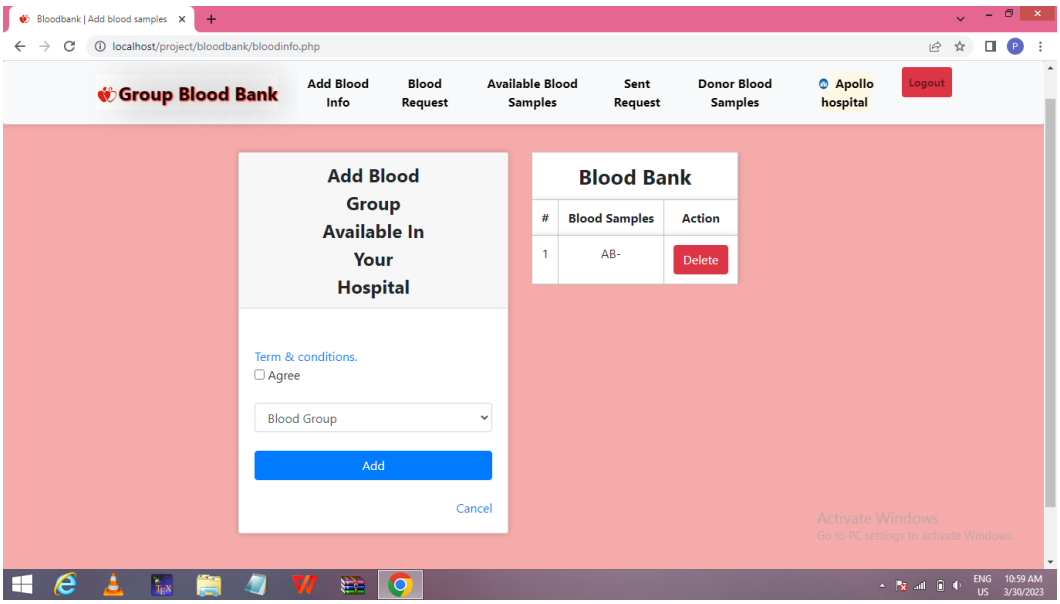
10. APPENDIX

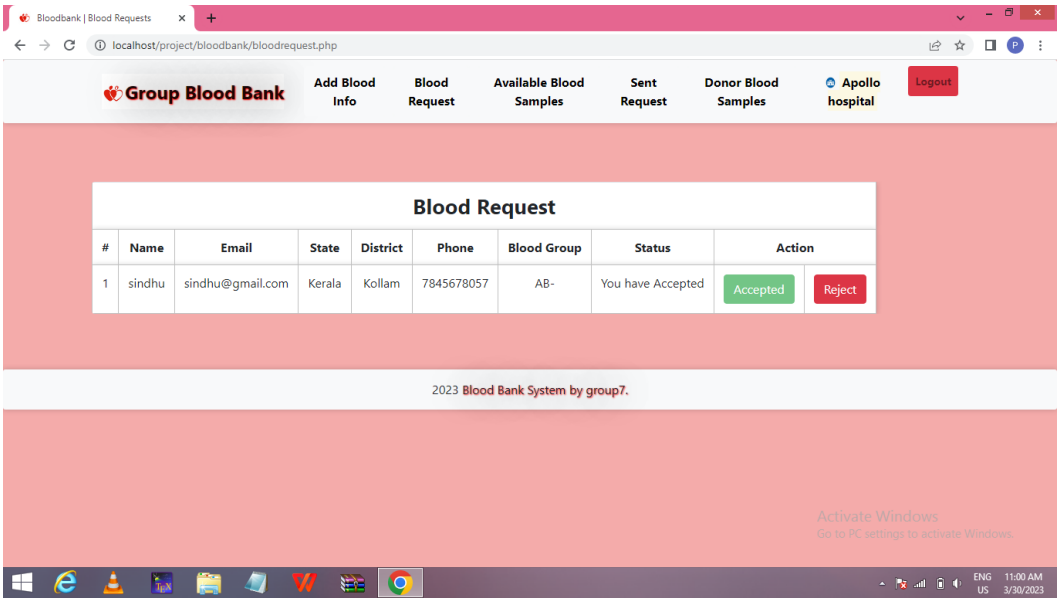
A.SCREENSHOTS:

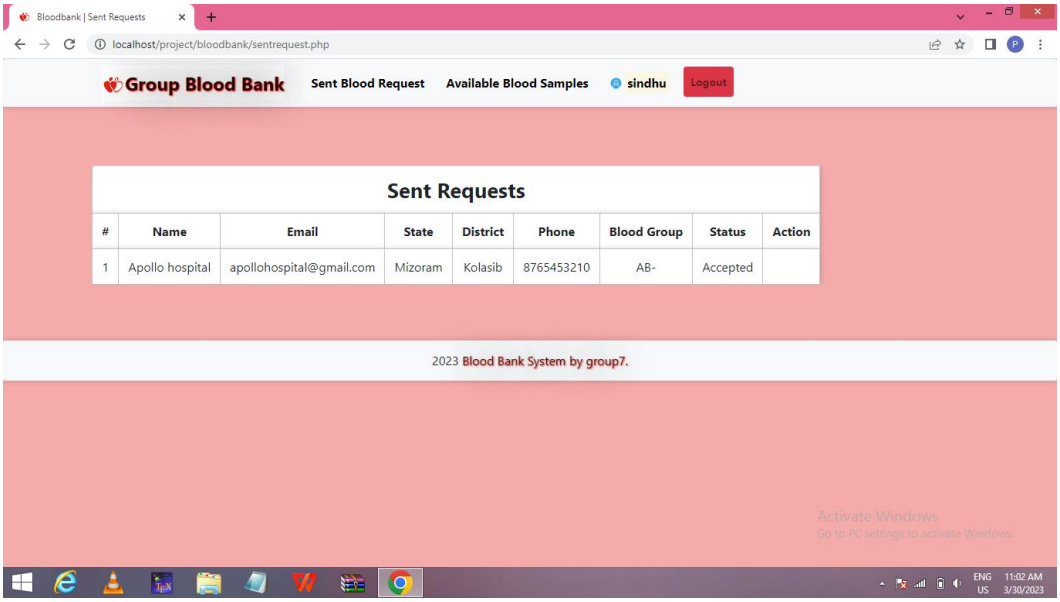


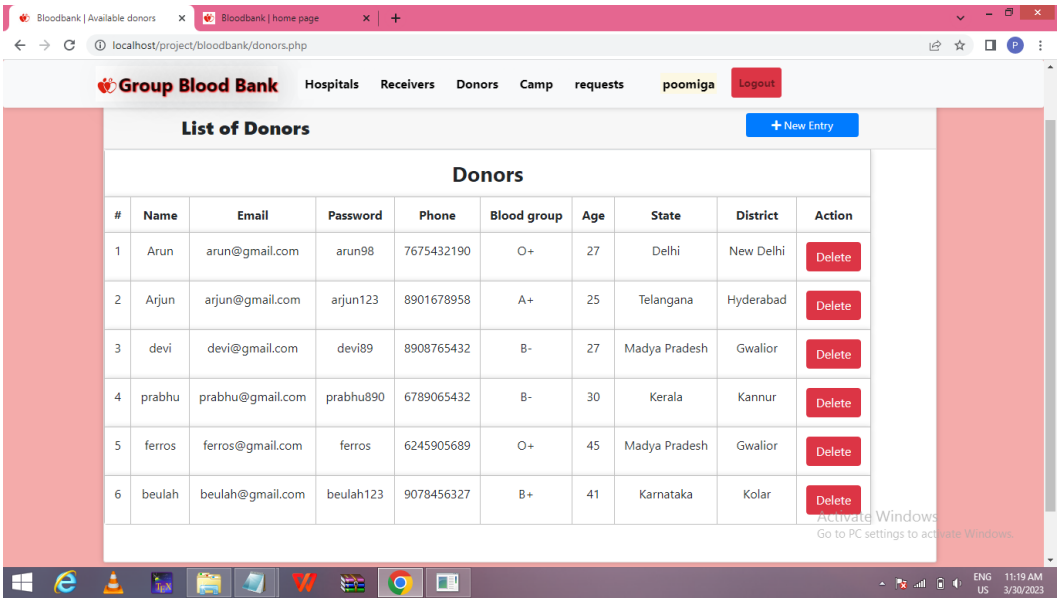



Bloodbank | Available Blood Sam
localhost/project/bloodbank/dabs.php
Group Blood Bank
Add Blood Info
Blood Request
Available Blood Samples
Sent Request
Donor Blood Samples
Apollo hospital
Logout
Select Blood Group:
Reset
search
Donor Blood Samples
Name State District Email Phone Age Blood Group Action
1 Arun Delhi New Delhi arun@gmail.com 7675432190 27 O+ Request Sample
2 Arjun Telangana Hyderabad arjun@gmail.com 8901678958 25 A+ Request Sample
3 devi Madya Pradesh Gwalior devi@gmail.com 8908765432 27 B- Request Sample
4 prabhu Kerala Kannur prabhu@gmail.com 6789065432 30 B- Request Sample
Activate Windows
Go to PC settings to activate Windows.
ENG US 10:59 AM 3/30/2023


Bloodbank | Add blood samples
localhost/project/bloodbank/bloodinfo.php
Group Blood Bank
Add Blood Info
Blood Request
Available Blood Samples
Sent Request
Donor Blood Samples
Apollo hospital
Logout
Add Blood Group Available In Your Hospital
Term & conditions.
Agree
Blood Group
Add
Cancel
Blood Bank
Blood Samples Action
1 AB- Delete
Activate Windows
Go to PC settings to activate Windows.
ENG US 10:59 AM 3/30/2023


Bloodbank | Blood Requests
localhost/project/bloodbank/bloodrequest.php
Group Blood Bank
Add Blood Info
Blood Request
Available Blood Samples
Sent Request
Donor Blood Samples
Apollo hospital
Logout
Blood Request
Name Email State District Phone Blood Group Status Action
1 sindhu sindhu@gmail.com Kerala Kollam 7845678057 AB- You have Accepted Accepted Reject
2023 Blood Bank System by group7.
Activate Windows
Go to PC settings to activate Windows.
ENG US 11:00 AM 3/30/2023


Bloodbank | Sent Requests
localhost/project/bloodbank/sentrequest.php
Group Blood Bank
Sent Blood Request
Available Blood Samples
sindhu
Logout
Sent Requests
Name Email State District Phone Blood Group Status Action
1 Apollo hospital apollohospital@gmail.com Mizoram Kolasib 8765453210 AB- Accepted
2023 Blood Bank System by group7.
Activate Windows
Go to PC settings to activate Windows.
ENG US 11:02 AM 3/30/2023



B.SAMPLE CODING

//header.php

<nav class="navbar navbar-expand-sm navbar-light bg-light sticky-top">

<img src="image/favicon.jpg" width="30" height="30" class="rounded-circle">Group Blood Bank

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#collapsibleNavbar">

</button>

```
<div class="collapse navbar-collapse" id="collapsibleNavbar">


<?php
if (isset($_SESSION['id']))
{
?>


<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link btn btn-light" href="receivers.php"><span style="color:black; font-weight:bolder">Receivers</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="receiverinfo.php"><span style="color:black; font-weight:bolder">Add Receivers</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="hospitals.php"><span style="color:black; font-weight:bolder">Hospitals</span></a>
```

```
</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="hospitalinfo.php"><span style="color:black;
font-weight:bolder">Add Hospitals</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="donors.php"><span style="color:black; font-
weight:bolder">Donors</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="donorinfo.php"><span style="color:black;
font-weight:bolder">Add Donors</span></a>

</li>

<li class="nav-item">

<a href="aprofile.php?id=<?php echo $_SESSION['id']; ?>"
class="nav-link btn font-weight-bold">
<img src="image/user.jpg" width="15" height="15" class="rounded-circle">
<mark>
```

```
<?php echo $_SESSION['username'];
?>
</mark>
</a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-danger btn-sm font-weight-bold"
href="logout.php">Logout</a>

</li>

</ul>


<?php
}
elseif (isset($_SESSION['hid']))
{
?>


<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link btn btn-light" href="bloodinfo.php"><span style="color:black;
font-weight:bolder">Add Blood Info</span></a>
```

```
</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="bloodrequest.php"><span style="color:black; font-weight:bolder">Blood Request</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="abs.php"><span style="color:black; font-weight:bolder">Available Blood Samples</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="dsentrequest.php"><span style="color:black; font-weight:bolder">Sent Request</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="dabs.php"><span style="color:black; font-weight:bolder">Donor Blood Samples</span></a>

</li>
```

```
<li class="nav-item">

<a href="hprofile.php?id=<?php echo $_SESSION['hid']; ?>"
class="nav-link btn font-weight-bold">
<img src="image/hospital.png" width="15" height="15" class="rounded-circle">
<mark>
<?php echo $_SESSION['hname'];
?>
</mark>
</a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-danger btn-sm font-weight-bold"
href="logout.php">Logout</a>

</li>

</ul>


<?php
}
elseif (isset($_SESSION['rid']))
{
?>
```

```
<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link btn btn-light" href="sentrequest.php"><span style="color:black;
font-weight:bolder">Sent Blood Request</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="abs.php"><span style="color:black; font-
weight:bolder">Available Blood Samples</span></a>

</li>

<li class="nav-item">

<a href="rprofile.php?id=<?php echo $_SESSION['rid']; ?>"
class="nav-link btn font-weight-bold" href="#">
<img src="image/user.png" width="15" height="15" class="rounded-circle">
<mark>
<?php echo ' '.$_SESSION['rname']; ?></mark></a>

</li>

<li class="nav-item">
```

```
<a class="nav-link btn btn-danger btn-sm font-weight-bold"
href="logout.php">Logout</a>

</li>

</ul>


<?php
}
elseif (isset($_SESSION['did']))
{
?>


<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link btn btn-light" href="dbloodinfo.php"><span style="color:black;
font-weight:bolder">Add Blood Info</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="dbloodrequest.php"><span style="color:black;
font-weight:bolder">Blood Request</span></a>

</li>
```

```
<li class="nav-item">

<a href="dprofile.php?id=<?php echo $_SESSION['did']; ?>"
class="nav-link btn font-weight-bold" href="#">
<img src="image/user.png" width="15" height="15" class="rounded-circle">
<mark>
<?php echo ' '.$_SESSION['dname']; ?></mark></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-danger btn-sm font-weight-bold"
href="logout.php">Logout</a>

</li>

</ul>


<?php
}
else
{
?>


<ul class="navbar-nav ml-auto">
```

```
<li class="nav-item">

<a class="nav-link btn btn-light" href="abs.php"><span style="color:black; font-weight:bolder">Available Blood Samples</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="rRegister.php"><span style="color:black; font-weight:bolder">Need Blood</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="dRegister.php"><span style="color:black; font-weight:bolder">Become Donor</span></a>

</li>

<li class="nav-item">

<a class="nav-link btn btn-light" href="hRegister.php"><span style="color:black; font-weight:bolder">Hospital User</span></a>

</li>

<li class="nav-item">
```

```
<a class="nav-link btn btn-light" href="adminLogin.php"><span style="color:black;
font-weight:bolder">Admin Login</span></a>
</li>

</ul>


<?php
}
?>

</div>

</div>

</nav>


//abs.php

<?php
session_start();

require 'file/connection.php';

if(isset($_GET['search']))
{

$searchKey = $_GET['search'];
```

```
$sql = "select bloodinfo.*, hospitals.* from bloodinfo, hospitals where
bloodinfo.hid=hospitals.id && bg LIKE '%$searchKey%'";

}
else
{

$sql = "select bloodinfo.*, hospitals.* from bloodinfo, hospitals where
bloodinfo.hid=hospitals.id";

}

$result = mysqli_query($conn, $sql);
?>



<html>

<head>
<style>
body{
margin:0;
padding:0;
background-image:url(image/red.jpg);
}
</style>
</head>
<?php $title="Bloodbank | Available Blood Samples";
?>
```

```
<?php require 'head.php';
?>

<body>

<?php require 'header.php';
?>

<div class="container cont">


<?php require 'message.php'; ?>


<div class="row col-lg-8 col-md-8 col-sm-12 mb-3">

<form method="get" action="" style="margin-top:-20px; ">

<label class="font-weight-bolder"><span style="color:white; font-
weight:bolder">Select Blood Group:</span></label>

<select name="search" class="form-control">

<option><?php echo @$_GET['search']; ?></option>

<option value="A+">A+</option>

<option value="A-">A-</option>
```

```
<option value="B+">B+</option>

<option value="B-">B-</option>

<option value="AB+">AB+</option>

<option value="AB-">AB-</option>

<option value="O+">O+</option>

<option value="O-">O-</option>

</select><br>

<a href="abs.php" class="btn btn-info mr-4"> Reset</a>

<input type="submit" name="submit" class="btn btn-info" value="search">

</form>

</div>


<table class="table table-responsive table-striped rounded mb-5">

<tr><th colspan="8" class="title">Available Blood Samples</th></tr>

<tr>
<th>#</th>
```

```
<th>Name</th>

<th>State</th>

<th>District</th>
<th>Email</th>

<th>Phone</th>

<th>Blood Group</th>

<th>Action</th>

</tr>


<div>

<?php

if ($result) {

$row =mysqli_num_rows( $result);

if ($row) { //echo "<b> Total ".$row." </b>";

}
else echo '<b style="color:white;background-color:red;padding:7px;border-radius:
15px 50px;">Nothing to show.</b>';
```

```
}

?>

</div>


<?php while($row = mysqli_fetch_array($result))
{
?>


<tr>

<td><?php echo ++$counter;?></td>

<td><?php echo $row['hname'];?></td>

<td><?php echo ($row['hstate']); ?></td>

<td><?php echo ($row['hdistrict']); ?></td>

<td><?php echo ($row['hemail']); ?></td>

<td><?php echo ($row['hphone']); ?></td>

<td><?php echo ($row['bg']); ?></td>


<?php $bid= $row['bid'];?>
```

```
<?php $hid= $row['hid'];?>

<?php $bg= $row['bg'];?>

<form action="file/request.php" method="post">

<input type="hidden" name="bid" value="<?php echo $bid; ?>">

<input type="hidden" name="hid" value="<?php echo $hid; ?>">

<input type="hidden" name="bg" value="<?php echo $bg; ?>">


<?php if (isset($_SESSION['hid']))
{
?>

<td><a href="javascript:void(0);" class="btn btn-info hospital">Request
Sample</a></td>

<?php
}
else
{
(isset($_SESSION['rid']))
?>

<td><input type="submit" name="request" class="btn btn-info" value="Request
Sample"></td>
```

```
<?php
}
?>


</form>

</tr>


<?php
}
?>

</table>

</div>

<?php require 'footer.php'
?>

</body>


<script type="text/javascript">

$('.hospital').on('click', function()
{
```

```
alert("Hospital user can't request for blood.");

}
);

</script>




//bloodinfo.php

<?php

require 'file/connection.php';

session_start();

if(!isset($_SESSION['hid']))

{

header('location:hLogin.php');

}

else
{
```

```
?>


<html>

<?php $title="Bloodbank | Add blood samples";
?>

<?php require 'head.php'; ?>

<head>
<style>
body {
margin:0;
padding:0;
background-image:url(image/red.jpg);
}
</style>
</head>

<body>

<?php require 'header.php'; ?>


<div class="container cont">


<?php require 'message.php'; ?>
```

Add blood group available in your hospital

<form action="file/infoAdd.php" method="post">

<a data-toggle="collapse" href="#collapseExample" role="button" aria-expanded="false" aria-controls="collapseExample" title="click to see">Term & conditions.

If you have a blood sample tested by your doctor's, nurse, or trained phlebotomist , at a pathology collection centre, clinic or hospital. Blood samples are most commonly taken from the inside of the elbow where the veins are usually closer to the surface. If before the needle is inserted, the area had been cleaned with an antiseptic cloth and blood sample is transferred into tubes containing the correct preservatives then add your blood group available in your hospital to your blood bank.

<input type="checkbox" name="condition" value="agree" required> Agree


```
<select class="form-control" name="bg" required="">

<option disabled selected>Blood Group</option>

<option>A-</option>

<option>A+</option>

<option>B-</option>

<option>B+</option>

<option>AB-</option>

<option>AB+</option>

<option>O-</option>

<option>O+</option>

</select><br>

<input type="submit" name="add" value="Add" class="btn btn-primary btn-
block"><br>

<a href="index.php" class="float-right" title="click here">Cancel</a>

</form>
```

```
</div>

</div>

</div>


<?php
if(isset($_SESSION['hid']))
{

$hid=$_SESSION['hid'];

$sql = "select * from bloodinfo where hid='$hid'";

$result = mysqli_query($conn, $sql);

}

?>

<div class="col-lg-4 col-md-5 col-sm-6 col-xs-7 mb-5">

<table class="table table-striped table-responsive">

<th colspan="4" class="title">Blood Bank</th>

<tr>

<th>#</th>
```

```
<th>Blood Samples</th>

<th>Action</th>

</tr>

<div>

<?php

if ($result)
{

$row =mysqli_num_rows( $result);

if ($row)
{
//echo "<b> Total ".$row." </b>";

}
else echo '<b style="color:white;background-color:red;padding:7px;border-radius:
15px 50px;">Nothing to show.</b>';

}

?>

</div>
```

```
<?php while($row = mysqli_fetch_array($result))
{
?>

<tr>

<td><?php echo ++$counter; ?></td>


<td><?php echo $row['bg'];?></td>

<td><a href="file/delete.php?bid=<?php echo $row['bid'];?>" class="btn btn-
danger">Delete</a></td>

</tr>

<?php
}
?>

</table>

</div>


</div>

</div>
```

```
<?php
require 'footer.php' ?>

</body>

<?php
}
?>



//dregister.php

<?php

session_start();

?>



<html>

<?php $title="Bloodbank | Register";
?>

<?php require 'head.php';
?>

<head>
<style>
```

```
body {
margin:0;
padding:0;
background-image:url(image/red.jpg);
}
</style>
</head>
<body>

<?php include 'header.php'; ?>


<div class="container cont">


<?php require 'message.php'; ?>


<div class="row justify-content-center">

<div class="col-lg-6 col-md-5 col-sm-6 col-xs-7 mb-5">

<div class="card rounded">

<ul class="nav nav-tabs justify-content-center bg-light" style="padding: 20px">

<li class="nav-item">

<a class="nav-link active" data-toggle="tab" href="#donors">Donors</a>
</li>
```

```
</ul>

<div class="tab-pane container active" id="donors">

<form action="file/donorReg.php" method="post" enctype="multipart/form-data">

<input type="text" name="dname" placeholder="Donor Name" class="form-control mb-3" required pattern="[A-Za-z]{1,20}" title="Name should be in uppercase and lowercase letters without any whitespace">

<select name="dbg" class="form-control mb-3" required>

<option disabled="" selected="">Donor Blood Group</option>

<option value="A+">A+</option>

<option value="A-">A-</option>

<option value="B+">B+</option>

<option value="B-">B-</option>

<option value="AB+">AB+</option>

<option value="AB-">AB-</option>

<option value="O+">O+</option>
```

```
<option value="O-">O-</option>

</select>
<input type="number" name="dage" placeholder="Donor Age" class="form-control mb-3" required min="18" max="65" title="age limit is 18 to 65">
<select name="dstate" class="form-control mb-3" id="inputState" required>
                <option value="SelectState">Select State</option>
                <option value="Andra Pradesh">Andra Pradesh</option>
                <option value="Arunachal Pradesh">Arunachal Pradesh</option>
                <option value="Assam">Assam</option>
                <option value="Bihar">Bihar</option>
                <option value="Chhattisgarh">Chhattisgarh</option>
                <option value="Goa">Goa</option>
                <option value="Gujarat">Gujarat</option>
                <option value="Haryana">Haryana</option>
                <option value="Himachal Pradesh">Himachal Pradesh</option>
                <option value="Jammu and Kashmir">Jammu and Kashmir</option>
                <option value="Jharkhand">Jharkhand</option>
                <option value="Karnataka">Karnataka</option>
                <option value="Kerala">Kerala</option>
                <option value="Madya Pradesh">Madya Pradesh</option>
                <option value="Maharashtra">Maharashtra</option>
                <option value="Manipur">Manipur</option>
                <option value="Meghalaya">Meghalaya</option>
                <option value="Mizoram">Mizoram</option>
                <option value="Nagaland">Nagaland</option>
                <option value="Orissa">Orissa</option>
                <option value="Punjab">Punjab</option>
                <option value="Rajasthan">Rajasthan</option>
```

```
                <option value="Sikkim">Sikkim</option>
                <option value="Tamil Nadu">Tamil Nadu</option>
                <option value="Telangana">Telangana</option>
                <option value="Tripura">Tripura</option>
                <option value="Uttaranchal">Uttaranchal</option>
                <option value="Uttar Pradesh">Uttar Pradesh</option>
                <option value="West Bengal">West Bengal</option>
                <option disabled style="background-color:#aaa; color:#fff">UNION
Territories</option>
                <option value="Andaman and Nicobar Islands">Andaman and Nicobar
Islands</option>
                <option value="Chandigarh">Chandigarh</option>
                <option value="Dadar and Nagar Haveli">Dadar and Nagar
Haveli</option>
                <option value="Daman and Diu">Daman and Diu</option>
                <option value="Delhi">Delhi</option>
                <option value="Lakshadeep">Lakshadeep</option>
                <option value="Pondicherry">Pondicherry</option>
              </select>



  <select name="ddistrict" class="form-control mb-3" id="inputDistrict" required>
    <option value="">-- select District -- </option>
  </select>
```

```
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js" integrity="sha384-ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIPm49" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.1/js/bootstrap.min.js" integrity="sha384-smHYKdLADwkXOn1EmN1qk/HfnUcbVRZyYmZ4qpPea6sjB/pTJ0euyQp0Mk8ck+5T" crossorigin="anonymous"></script>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js" integrity="sha384-ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIPm49" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.1/js/bootstrap.min.js" integrity="sha384-smHYKdLADwkXOn1EmN1qk/HfnUcbVRZyYmZ4qpPea6sjB/pTJ0euyQp0Mk8ck+5T" crossorigin="anonymous"></script>
<script>
var AndraPradesh = ["Anantapur","Chittoor","East Godavari","Guntur","Kadapa","Krishna","Kurnool","Prakasam","Nellore","Srikakulam","Visakhapatnam","Vizianagaram","West Godavari"];
```

```
var ArunachalPradesh = ["Anjaw","Changlang","Dibang Valley","East Kameng","East Siang","Kra Daadi","Kurung Kumey","Lohit","Longding","Lower Dibang Valley","Lower Subansiri","Namsai","Papum Pare","Siang","Tawang","Tirap","Upper Siang","Upper Subansiri","West Kameng","West Siang","Itanagar"];
var Assam = ["Baksa","Barpeta","Biswanath","Bongaigaon","Cachar","Charaideo","Chirang","Darrang","Dhemaji","Dhubri","Dibrugarh","Goalpara","Golaghat","Hailakandi","Hojai","Jorhat","Kamrup Metropolitan","Kamrup (Rural)","Karbi Anglong","Karimganj","Kokrajhar","Lakhimpur","Majuli","Morigaon","Nagaon","Nalbari","Dima Hasao","Sivasagar","Sonitpur","South Salmara Mankachar","Tinsukia","Udalguri","West Karbi Anglong"];
var Bihar = ["Araria","Arwal","Aurangabad","Banka","Begusarai","Bhagalpur","Bhojpur","Buxar","Darbhanga","East Champaran","Gaya","Gopalganj","Jamui","Jehanabad","Kaimur","Katihar","Khagaria","Kishanganj","Lakhisarai","Madhepura","Madhubani","Munger","Muzaffarpur","Nalanda","Nawada","Patna","Purnia","Rohtas","Saharsa","Samastipur","Saran","Sheikhpura","Sheohar","Sitamarhi","Siwan","Supaul","Vaishali","West Champaran"];
var Chhattisgarh = ["Balod","Baloda Bazar","Balrampur","Bastar","Bemetara","Bijapur","Bilaspur","Dantewada","Dhamtari","Durg","Gariaband","Janjgir Champa","Jashpur","Kabirdham","Kanker","Kondagaon","Korba","Koriya","Mahasamund","Mungeli","Narayanpur","Raigarh","Raipur","Rajnandgaon","Sukma","Surajpur","Surguja"];
var Goa = ["North Goa","South Goa"];
var Gujarat = ["Ahmedabad","Amreli","Anand","Aravalli","Banaskantha","Bharuch","Bhavnagar","Botad","Chhota Udaipur","Dahod","Dang","Devbhoomi Dwarka","Gandhinagar","Gir Somnath","Jamnagar","Junagadh","Kheda","Kutch","Mahisagar","Mehsana","Morbi",
```

"Narmada","Navsari","Panchmahal","Patan","Porbandar","Rajkot","Sabarkantha","Surat","Surendranagar","Tapi","Vadodara","Valsad"];
var Haryana = ["Ambala","Bhiwani","Charkhi Dadri","Faridabad","Fatehabad","Gurugram","Hisar","Jhajjar","Jind","Kaithal","Karnal","Kurukshetra","Mahendragarh","Mewat","Palwal","Panchkula","Panipat","Rewari","Rohtak","Sirsa","Sonipat","Yamunanagar"];
var HimachalPradesh = ["Bilaspur","Chamba","Hamirpur","Kangra","Kinnaur","Kullu","Lahaul Spiti","Mandi","Shimla","Sirmaur","Solan","Una"];
var JammuKashmir = ["Anantnag","Bandipora","Baramulla","Budgam","Doda","Ganderbal","Jammu","Kargil","Kathua","Kishtwar","Kulgam","Kupwara","Leh","Poonch","Pulwama","Rajouri","Ramban","Reasi","Samba","Shopian","Srinagar","Udhampur"];
var Jharkhand = ["Bokaro","Chatra","Deoghar","Dhanbad","Dumka","East Singhbhum","Garhwa","Giridih","Godda","Gumla","Hazaribagh","Jamtara","Khunti","Koderma","Latehar","Lohardaga","Pakur","Palamu","Ramgarh","Ranchi","Sahebganj","Seraikela Kharsawan","Simdega","West Singhbhum"];
var Karnataka = ["Bagalkot","Bangalore Rural","Bangalore Urban","Belgaum","Bellary","Bidar","Vijayapura","Chamarajanagar","Chikkaballapur","Chikkamagaluru","Chitradurga","Dakshina Kannada","Davanagere","Dharwad","Gadag","Gulbarga","Hassan","Haveri","Kodagu","Kolar","Koppal","Mandya","Mysore","Raichur","Ramanagara","Shimoga","Tumkur","Udupi","Uttara Kannada","Yadgir"];
var Kerala = ["Alappuzha","Ernakulam","Idukki","Kannur","Kasaragod","Kollam","Kottayam","Kozhikode","Malappuram","Palakkad","Pathanamthitta","Thiruvananthapuram","Thrissur","Wayanad"];
var MadhyaPradesh = ["Agar Malwa","Alirajpur","Anuppur","Ashoknagar","Balaghat","Barwani","Betul","Bhind","Bhopal","Burhanpur","Chhatarpur","Chhindwara","Damoh","Datia","Dewas","Dhar","

```
Dindori","Guna","Gwalior","Harda","Hoshangabad","Indore","Jabalpur","Jhabua","Katni","Khandwa","Khargone","Mandla","Mandsaur","Morena","Narsinghpur","Neemuch","Panna","Raisen","Rajgarh","Ratlam","Rewa","Sagar","Satna",
"Sehore","Seoni","Shahdol","Shajapur","Sheopur","Shivpuri","Sidhi","Singrauli","Tikamgarh","Ujjain","Umaria","Vidisha"];
var Maharashtra =
["Ahmednagar","Akola","Amravati","Aurangabad","Beed","Bhandara","Buldhana","Chandrapur","Dhule","Gadchiroli","Gondia","Hingoli","Jalgaon","Jalna","Kolhapur","Latur","Mumbai City","Mumbai
Suburban","Nagpur","Nanded","Nandurbar","Nashik","Osmanabad","Palghar","Parbhani","Pune","Raigad","Ratnagiri","Sangli","Satara","Sindhudurg","Solapur","Thane","Wardha","Washim","Yavatmal"];
var Manipur = ["Bishnupur","Chandel","Churachandpur","Imphal East","Imphal West","Jiribam","Kakching","Kamjong","Kangpokpi","Noney","Pherzawl","Senapati","Tamenglong","Tengnoupal","Thoubal","Ukhrul"];
var Meghalaya = ["East Garo Hills","East Jaintia Hills","East Khasi Hills","North Garo Hills","Ri Bhoi","South Garo Hills","South West Garo Hills","South West Khasi Hills","West Garo Hills","West Jaintia Hills","West Khasi Hills"];
var Mizoram =
["Aizawl","Champhai","Kolasib","Lawngtlai","Lunglei","Mamit","Saiha","Serchhip",
"Aizawl","Champhai","Kolasib","Lawngtlai","Lunglei","Mamit","Saiha","Serchhip"];
var Nagaland =
["Dimapur","Kiphire","Kohima","Longleng","Mokokchung","Mon","Peren","Phek","Tuensang","Wokha","Zunheboto"];
var Odisha =
["Angul","Balangir","Balasore","Bargarh","Bhadrak","Boudh","Cuttack","Debagarh",
"Dhenkanal","Gajapati","Ganjam","Jagatsinghpur","Jajpur","Jharsuguda","Kalahandi","Kandhamal","Kendrapara","Kendujhar","Khordha","Koraput","Malkangiri","Mayurbhanj","Nabarangpur","Nayagarh","Nuapada","Puri","Rayagada","Sambalpur","Subarnapur","Sundergarh"];
```

```
var Punjab = ["Amritsar","Barnala","Bathinda","Faridkot","Fatehgarh
Sahib","Fazilka","Firozpur","Gurdaspur","Hoshiarpur","Jalandhar","Kapurthala","Lud
hiana","Mansa","Moga","Mohali","Muktsar","Pathankot","Patiala","Rupnagar","Sangr
ur","Shaheed Bhagat Singh Nagar","Tarn Taran"];
var Rajasthan =
["Ajmer","Alwar","Banswara","Baran","Barmer","Bharatpur","Bhilwara","Bikaner","
Bundi","Chittorgarh","Churu","Dausa","Dholpur","Dungarpur","Ganganagar","Hanu
mangarh","Jaipur","Jaisalmer","Jalore","Jhalawar","Jhunjhunu","Jodhpur","Karauli","
Kota","Nagaur","Pali","Pratapgarh","Rajsamand","Sawai
Madhopur","Sikar","Sirohi","Tonk","Udaipur"];
var Sikkim = ["East Sikkim","North Sikkim","South Sikkim","West Sikkim"];
var TamilNadu =
["Ariyalur","Chennai","Coimbatore","Cuddalore","Dharmapuri","Dindigul","Erode","
Kanchipuram","Kanyakumari","Karur","Krishnagiri","Madurai","Nagapattinam","Na
makkal","Nilgiris","Perambalur","Pudukkottai","Ramanathapuram","Salem","Sivagan
ga","Thanjavur","Theni","Thoothukudi","Tiruchirappalli","Tirunelveli","Tiruppur","Ti
ruvallur","Tiruvannamalai","Tiruvarur","Vellore","Viluppuram","Virudhunagar"];
var Telangana = ["Adilabad","Bhadradri
Kothagudem","Hyderabad","Jagtial","Jangaon","Jayashankar","Jogulamba","Kamared
dy","Karimnagar","Khammam","Komaram
Bheem","Mahabubabad","Mahbubnagar","Mancherial","Medak","Medchal","Nagarku
rnool","Nalgonda","Nirmal","Nizamabad","Peddapalli","Rajanna Sircilla","Ranga
Reddy","Sangareddy","Siddipet","Suryapet","Vikarabad","Wanaparthy","Warangal
Rural","Warangal Urban","Yadadri Bhuvanagiri"];
var Tripura = ["Dhalai","Gomati","Khowai","North Tripura","Sepahijala","South
Tripura","Unakoti","West Tripura"];
var UttarPradesh = ["Agra","Aligarh","Allahabad","Ambedkar
Nagar","Amethi","Amroha","Auraiya","Azamgarh","Baghpat","Bahraich","Ballia","B
alrampur","Banda","Barabanki","Bareilly","Basti","Bhadohi","Bijnor","Budaun","Bul
andshahr","Chandauli","Chitrakoot","Deoria","Etah","Etawah","Faizabad","Farrukhab
```

```
ad","Fatehpur","Firozabad","Gautam Buddha
Nagar","Ghaziabad","Ghazipur","Gonda","Gorakhpur","Hamirpur","Hapur","Hardoi",
"Hathras","Jalaun","Jaunpur","Jhansi","Kannauj","Kanpur Dehat","Kanpur
Nagar","Kasganj","Kaushambi","Kheri","Kushinagar","Lalitpur","Lucknow","Mahara
jganj","Mahoba","Mainpuri","Mathura","Mau","Meerut","Mirzapur","Moradabad","M
uzaffarnagar","Pilibhit","Pratapgarh","Raebareli","Rampur","Saharanpur","Sambhal","
Sant Kabir
Nagar","Shahjahanpur","Shamli","Shravasti","Siddharthnagar","Sitapur","Sonbhadra",
"Sultanpur","Unnao","Varanasi"];
var Uttarakhand  =
["Almora","Bageshwar","Chamoli","Champawat","Dehradun","Haridwar","Nainital","
Pauri","Pithoragarh","Rudraprayag","Tehri","Udham Singh Nagar","Uttarkashi"];
var WestBengal = ["Alipurduar","Bankura","Birbhum","Cooch Behar","Dakshin
Dinajpur","Darjeeling","Hooghly","Howrah","Jalpaiguri","Jhargram","Kalimpong","K
olkata","Malda","Murshidabad","Nadia","North 24 Parganas","Paschim
Bardhaman","Paschim Medinipur","Purba Bardhaman","Purba
Medinipur","Purulia","South 24 Parganas","Uttar Dinajpur"];
var AndamanNicobar = ["Nicobar","North Middle Andaman","South Andaman"];
var Chandigarh = ["Chandigarh"];
var DadraHaveli = ["Dadra Nagar Haveli"];
var DamanDiu = ["Daman","Diu"];
var Delhi = ["Central Delhi","East Delhi","New Delhi","North Delhi","North East
Delhi","North West Delhi","Shahdara","South Delhi","South East Delhi","South West
Delhi","West Delhi"];
var Lakshadweep = ["Lakshadweep"];
var Puducherry = ["Karaikal","Mahe","Puducherry","Yanam"];


$("#inputState").change(function(){
  var StateSelected = $(this).val();
```

```
var optionsList;
var htmlString = "";

switch (StateSelected) {
  case "Andra Pradesh":
     optionsList = AndraPradesh;
     break;
  case "Arunachal Pradesh":
     optionsList = ArunachalPradesh;
     break;
  case "Assam":
     optionsList = Assam;
     break;
  case "Bihar":
     optionsList = Bihar;
     break;
  case "Chhattisgarh":
     optionsList = Chhattisgarh;
     break;
  case "Goa":
     optionsList = Goa;
     break;
  case  "Gujarat":
     optionsList = Gujarat;
     break;
  case "Haryana":
     optionsList = Haryana;
     break;
  case "Himachal Pradesh":
     optionsList = HimachalPradesh;
```

```
    break;
case "Jammu and Kashmir":
    optionsList = JammuKashmir;
    break;
case "Jharkhand":
    optionsList = Jharkhand;
    break;
case  "Karnataka":
    optionsList = Karnataka;
    break;
case "Kerala":
    optionsList = Kerala;
    break;
case  "Madya Pradesh":
    optionsList = MadhyaPradesh;
    break;
case "Maharashtra":
    optionsList = Maharashtra;
    break;
case  "Manipur":
    optionsList = Manipur;
    break;
case "Meghalaya":
    optionsList = Meghalaya ;
    break;
case  "Mizoram":
    optionsList = Mizoram;
    break;
case "Nagaland":
    optionsList = Nagaland;
```

```
    break;
case  "Orissa":
    optionsList = Orissa;
    break;
case "Punjab":
    optionsList = Punjab;
    break;
case  "Rajasthan":
    optionsList = Rajasthan;
    break;
case "Sikkim":
    optionsList = Sikkim;
    break;
case  "Tamil Nadu":
    optionsList = TamilNadu;
    break;
case  "Telangana":
    optionsList = Telangana;
    break;
case "Tripura":
    optionsList = Tripura ;
    break;
case  "Uttaranchal":
    optionsList = Uttaranchal;
    break;
case  "Uttar Pradesh":
    optionsList = UttarPradesh;
    break;
case "West Bengal":
    optionsList = WestBengal;
```

```
        break;
    case  "Andaman and Nicobar Islands":
        optionsList = AndamanNicobar;
        break;
    case "Chandigarh":
        optionsList = Chandigarh;
        break;
    case  "Dadar and Nagar Haveli":
        optionsList = DadraHaveli;
        break;
    case "Daman and Diu":
        optionsList = DamanDiu;
        break;
    case  "Delhi":
        optionsList = Delhi;
        break;
    case "Lakshadeep":
        optionsList = Lakshadeep ;
        break;
    case  "Pondicherry":
        optionsList = Pondicherry;
        break;
}


  for(var i = 0; i < optionsList.length; i++){
    htmlString = htmlString+"<option value="'+ optionsList[i] +"'>"+ optionsList[i]
+"</option>";
  }
  $("#inputDistrict").html(htmlString);
```

```
});
</script>
<input type="tel" name="dphone" placeholder="Donor Phone Number" class="form-control mb-3" required pattern="[0,6-9]{1}[0-9]{9,11}" title="Mobile no. must start from 0,6,7,8 or 9 and must have 10 to 12 digit">

<input type="email" name="demail" placeholder="Donor Email Id" class="form-control mb-3" required>

<input type="password" name="dpassword" placeholder="Donor Password" class="form-control mb-3" required minlength="6">

<input type="submit" name="dregister" value="Register" class="btn btn-primary btn-block mb-4">

</form>



<a href="dLogin.php" class="text-center mb-4" title="Click here">Already have account?</a>

</div>

</div>
</div>

</div>
```

```
</div>

</div>

<?php require 'footer.php' ?>

</body>

</html>
```

“Any fool can write code that a computer can understand.

Good Programmers write code that human can understand”

-Marti Fowler

Project Work on

"PHP AND MYSQL LEARNING TUTORIAL APP"

Project Submitted to the

Department of Computer Science

St.Mary's College (Autonomous),Thoothukudi

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

Affiliated to

Manonmaniam Sundaranar University,Tirunelveli

For the Partial Fulfilment of the requirements for the award of degree in

Bachelor of Computer Science



Submitted by

1.Catlina.C 20AUCS10

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4.Swetha.D 20AUCS44

Under the Supervision and Guidance of

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

BONAFIDE CERTIFICATE

DEPARTMENT OF COMPUTER SCIENCE

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with A$^+$ Grade by NAAC)

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

This is to certify that the project report entitled **"PHP AND MYSQL LEARNING TUTORIAL APPLICATION"** is the Bonafide work done by

1. Catlina.C	20AUCS10
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3. Priya Dharshini.K	20AUCS32
4. Swetha.D	20AUCS44

In the partial fulfilment of the requirements for the award of Degree in **BACHELOR OF COMPUTER SCIENCE** during the year 2022-2023.

Guide **Head of the Department**

Submitted for the examination held on 18.04.2023

Examiner

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

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

ABSTRACT

Modern handheld devices such as smart phones and PDAs have become increasingly powerful in recent years dramatic breakthroughs in processing power along with the number of extra features included in these devices have opened the doors to a wide range of commercial possibilities. In particular most cell phones regularly include cameras, processors comparable to PC's from only a few years ago, and internet access. However, even with all these added abilities, there are few applications that allow much passing of the environmental information and location based services.

As mobile devices become more like PCs they will come to replace objects we tend to carry around such as books, cheque book, credit cards, cameras, planners, mp3 players, etc. In short, we will beusing them toaccomplish our daily tasks. One application that falls into this category is the PHP AND MYSQL TUTORIAL LEARNING APP developed for the Android phones. The prime objective of this application is to create a full-fledged android application which could help the students to gain more knowledge about PHP and MYSQL languages in offline. This application is designed in such a way that it is portable, so that the user might be able to use it anytime and everywhere. Our application contains separate tutorials for both PHP and MYSQL languages, basic examples, interview questions based on these languages, a quiz with timer and how to install the WAMPSERVERsoftware.

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INTRODUCTION

1. INTRODUCTION

The**PHP AND MYSQL LEARNING TUTORIAL APP**is a mobile application which gives you brief tutorials on these both programming languages to the user who hasinstalled this application. This mobile application also contains contents, sample source codes, interview questions with answers and quiz.

This application conducts a quiz for the user to checktheir knowledgegained from the tutorials, the quiz is conducted in the form of multiple choice questions.

The user has to complete the quiz within the given time. After the completion of the quiz the application generates reports based on the performance of the user.The basic examples provided in this application also helps the user to enrich their knowledge programmatically

1.1 PROJECT OVERVIEW

In today's world, Smart phones have changed our lives and have become an indispensable part of our lives because of itsspecialty to simplify our routine work and thereby saving our time. A Smartphone with an Android OS offers excellent functionality to the users offering a distinct experience.

Android is a Linux based operating system and it was bought by Google in 2007.There are tons of application available and one of the prime reason for this vast number is android being an open source. On the other hand, android based device like mobile, tab are very user friendly.

The main motive of this project is to use those smart phones for making the availability of the notes of the lectures and conduct quiz using your smart phone.

1.2 OBJECTIVE

The main objective of the**PHP AND MYSQL LEARNING TUTORIAL APPLICATION**is to provide a platformforthe usersto learn and improve their skills in PHP and MYSQL languages.This tutorial application offers interactive features such as quiz to reinforce learning**.**

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

Although there many different types of learning tutorial applicationavailable in the market, the major applications arevery outdatedand are not used by many users due to the information outdated in it. Not many learning tutorial applications have a user interface which is easy to use andvery poor user experience which makes the application lose it'sideology.

DISADVANTAGES:

- Limited Interaction
- Limited Department
- Limited Personalization
- Limited Feedback
- Limited Motivation
- Limited Community

2.2 PROPOSED SYSTEM

This project will provide the userthe facility of interactive learning. The **PHP AND MYSQL LEARNING TUTORIAL APP**enables the user to gain a wide knowledge about the languages and test theirknowledge with the quiz present in the application. This application also contains basic examples of both the languages and it sample outputs. This application has its speciality where it can be viewedon any device and also offers a secure environment users with an easy to use interface.

ADVANTAGES:

- Convenience
- Interactive Learning
- Self-Paced Learning
- Cost-effective
- Learning on-the-go
- Rich Multimedia

SYSTEM REQUIREMENTS

3. SYSTEM REQUIRMENTS

3.1 HARDWARE REQUIREMENTS

For Developer to develop, test the project:

Processor: Intel Core I3 or higher

RAM: 8 GB or higher

Hard Disk:500 GB or higher

3.2 SOFTWARE REQUIREMENTS

Operating System: Windows 10

Tools: Android Studio or API 30 or higher.

Platform: Android SDK Framework

Technologies Used: Java

Network: Internet Connectivity Required(optional)

For Mobile Device:

Smartphone with Android OS version 10(Quince Tart) or higher.

SYSTEM OVERVIEW

4.SYSTEM OVERVIEW

4.1 MODULE DESCRIPTION

1. **COURSE CATALOG**

The application should offer a range of courses,tutorials in different topics related to

2. **LEARNING DASHBOARD**

The learning dashboard helps users to track theirprogress, view completed courses, and access their favourite tutorials.The dashboard can provide an overview of the user's learning journey.

3. **Quiz**

Interactive quizzes can be integrated into the tutorials
to help users test their knowledge and reinforce their learning.

4. **Coding challenges**

Coding challenges can be included to give usershands-on experience with Android development. These challengesshould be designed for users of all levels of expertise.

5. **Progress tracking**

Users should be able to track their progress as they complete courses and tutorials. This feature can also help users stay motivated and focused on their learning goals.

4.2 SOFTWARE DESCRIPTION

Android Studio:

Android studio is the official Integrated Development Environment (IDE) for designing, coding, debugging and executing applications for Google's Smartphone operatingsystem,Android. It has all keywords inbuilt for ease in back end programming and also design statements, for ease in designing as well. The version of Android Studio used to design the application is 1.4.1.to 3.1 as we are working on studios

Java Development Kit (JDK):

Android applications require Java programming for its backend programming; it needs a JAVA environment to support its functions, executions and syntax.

Java:

Java is a popular programming language.Java is used to develop mobile apps, web apps, desktop apps, games and much more.

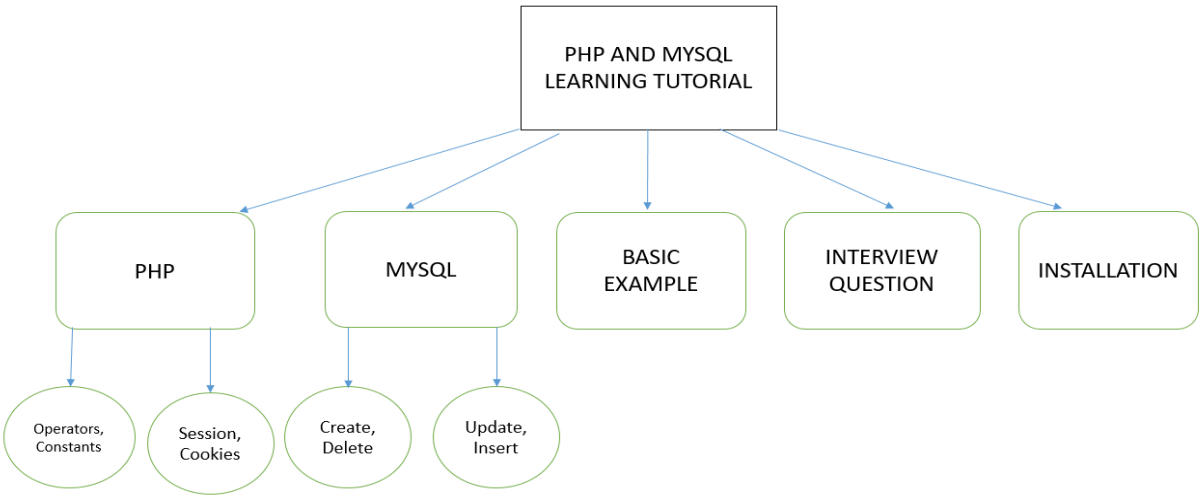
Extensible Markup Language (Xml):

The front end design of the application involves xml statements for the Relative layouts, Radio buttons, Radio Group, buttons, text boxes and text views.

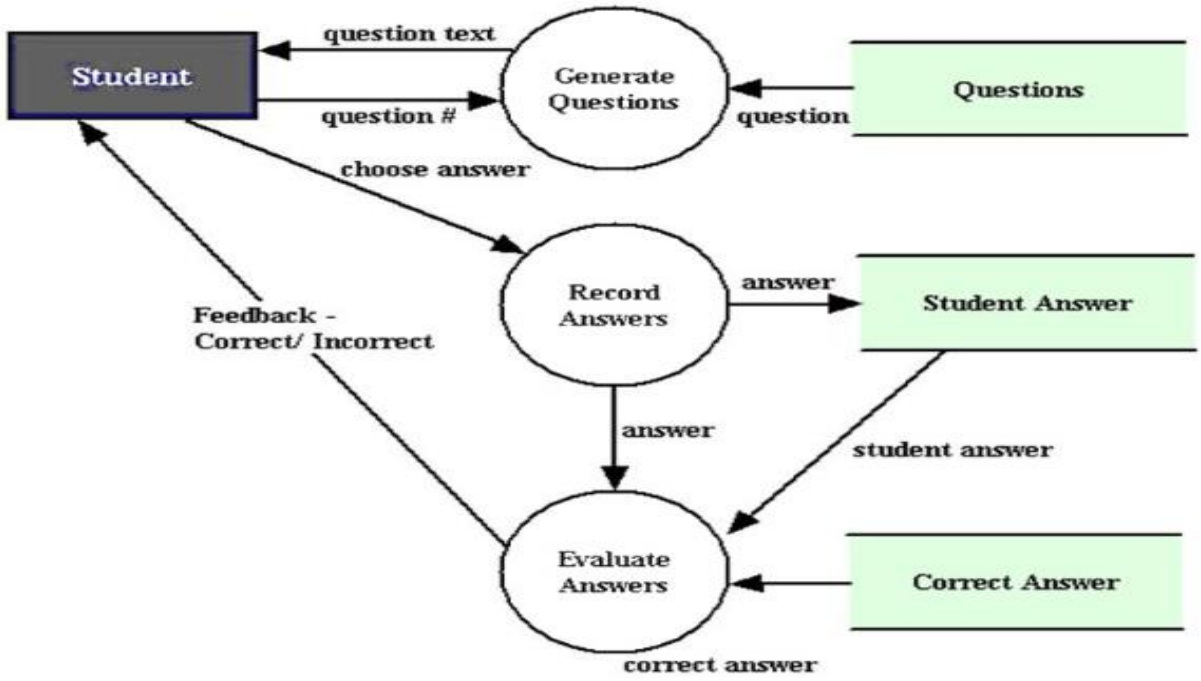
SYSTEM DESIGN

5.SYSTEM DESIGN

5.1 MINDMAP:



5.2 DATAFLOWDIAGRAM:



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 asystem.

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 informationthat 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 stakeholderswith 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, boughtor reused. Production involves the hardware fabricationprocesses of forming, removing, joining, and finishing; the software realizationprocesses of coding and testing, or the operational procedure development processes for operators' roles.If implementation involves a production process, a manufacturing system that uses the established technical andmanagement processes may be required.The purpose ofthe

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

It 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 designspecifications 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:

- 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, withoutdependencies 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 describesoftware engineering activities Maintenance activities involve makingenhancements to software products, adapting to new environments, andcorrecting problems Software product enhancements may involveproviding new functional capabilities, improving user displays andnodes of inter upgrading external documents and internal documentationor upgrading the performance characteristics of a system.

CONCLUSION

7. CONCLUSION

The Evidence gathered in this report reflects ongoing progress toward more openness in the**PHP AND MYSQL LEARNING TUTORIAL APP**, 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 property 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. In future, video tutorials can be included in this application, referral links can also be added to the application which provides access to other tutorial sites.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.

BIBILIOGRAPHY

9.BIBILIOGRAPHY

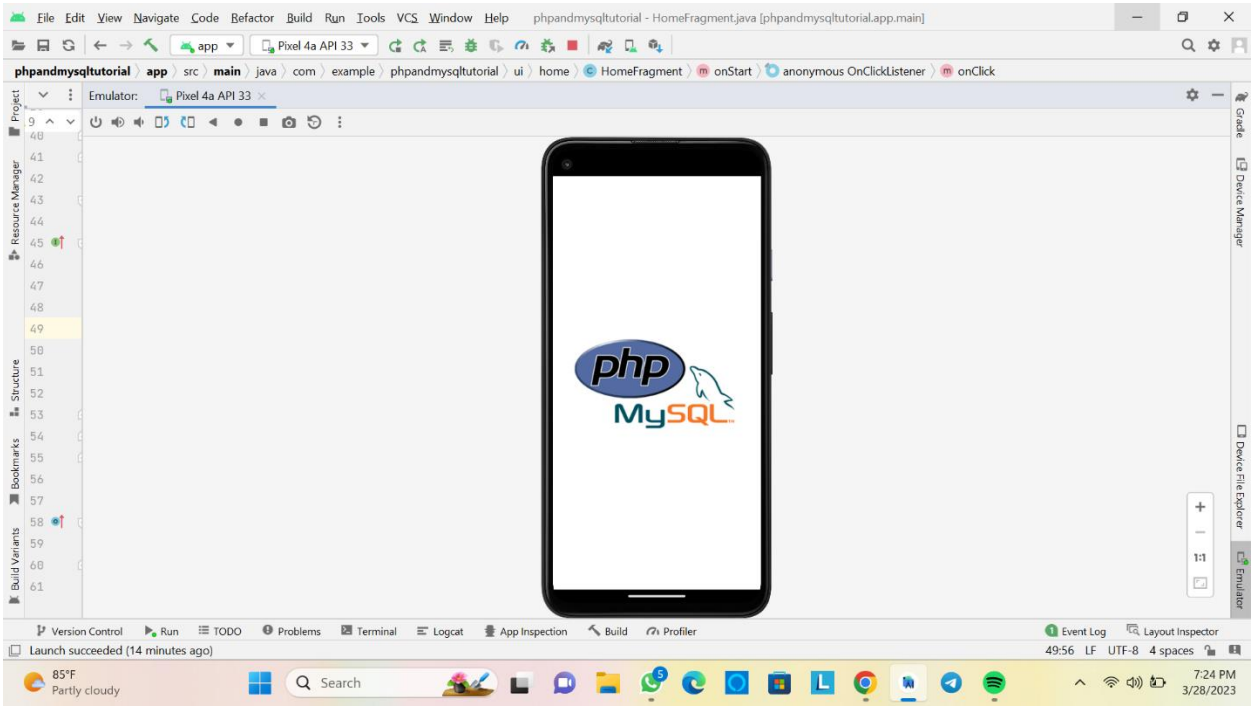
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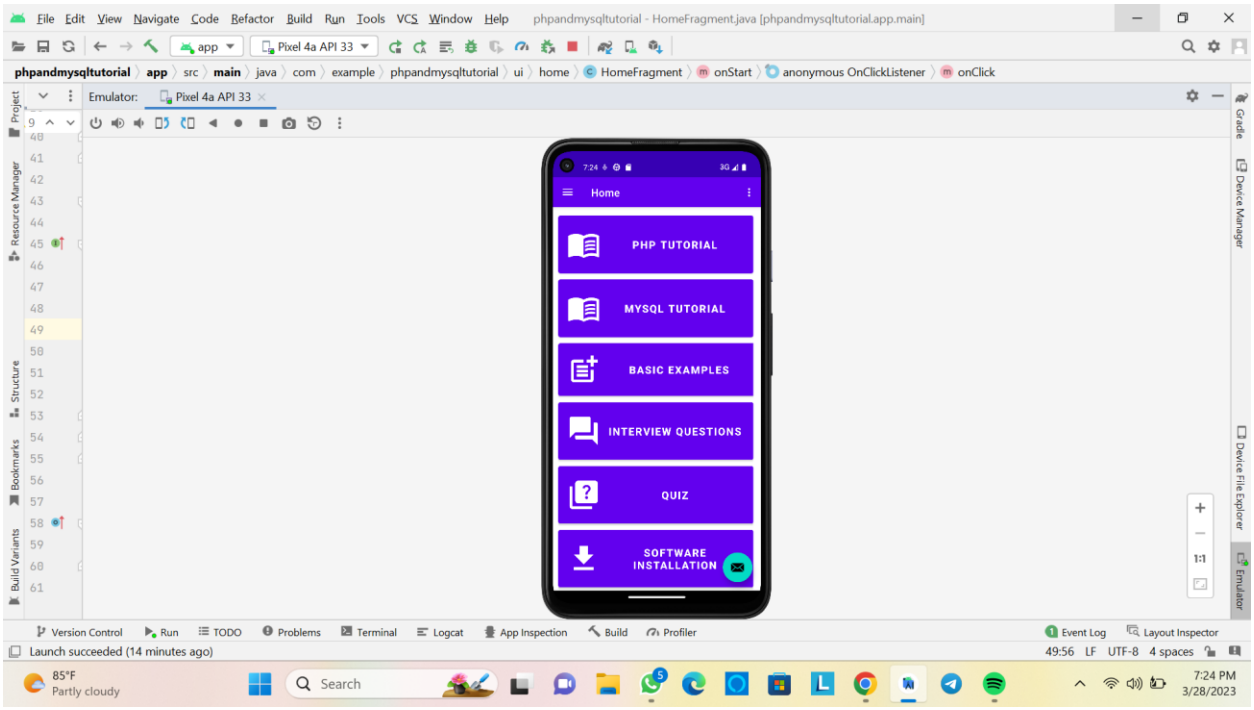
1. https://bit.ly/3flAUnK
2. http://w3schools.com
3. http://developer.android.com
4. www.stackoverflow.com
5. https://www.interviewbit.com
6. https://www.edureka.com
7. https://www.abhiandroid.com

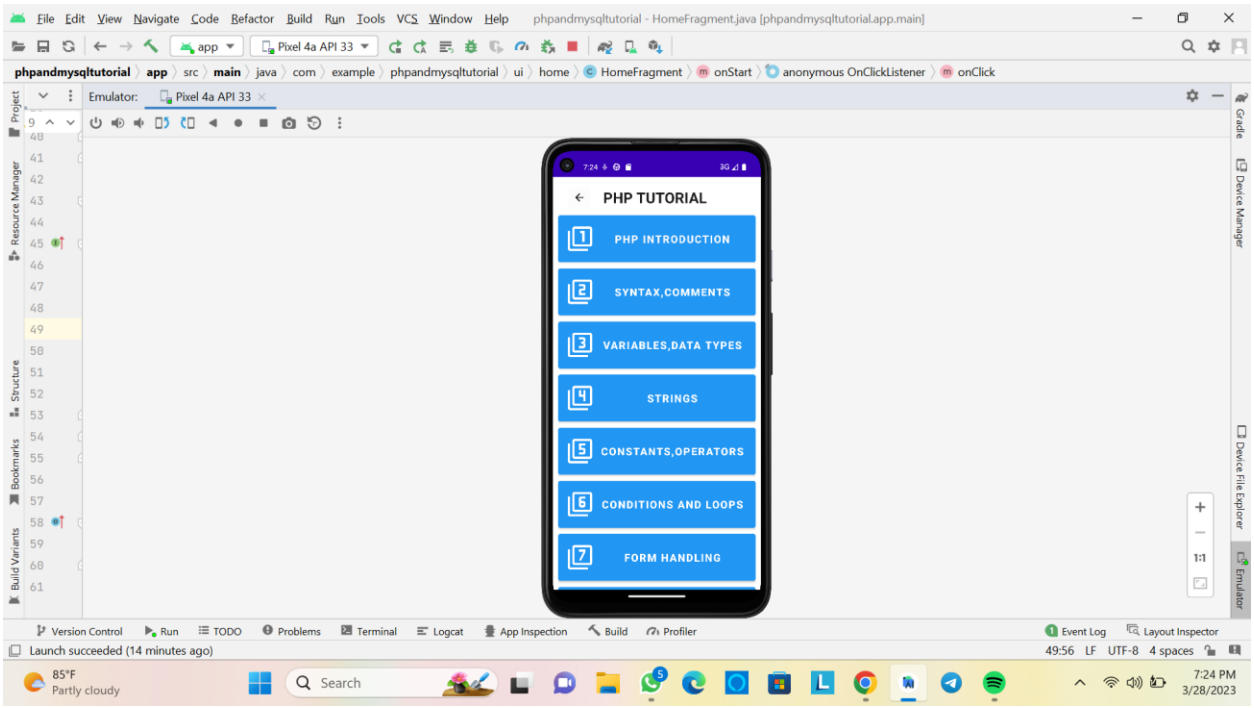
APPENDIX

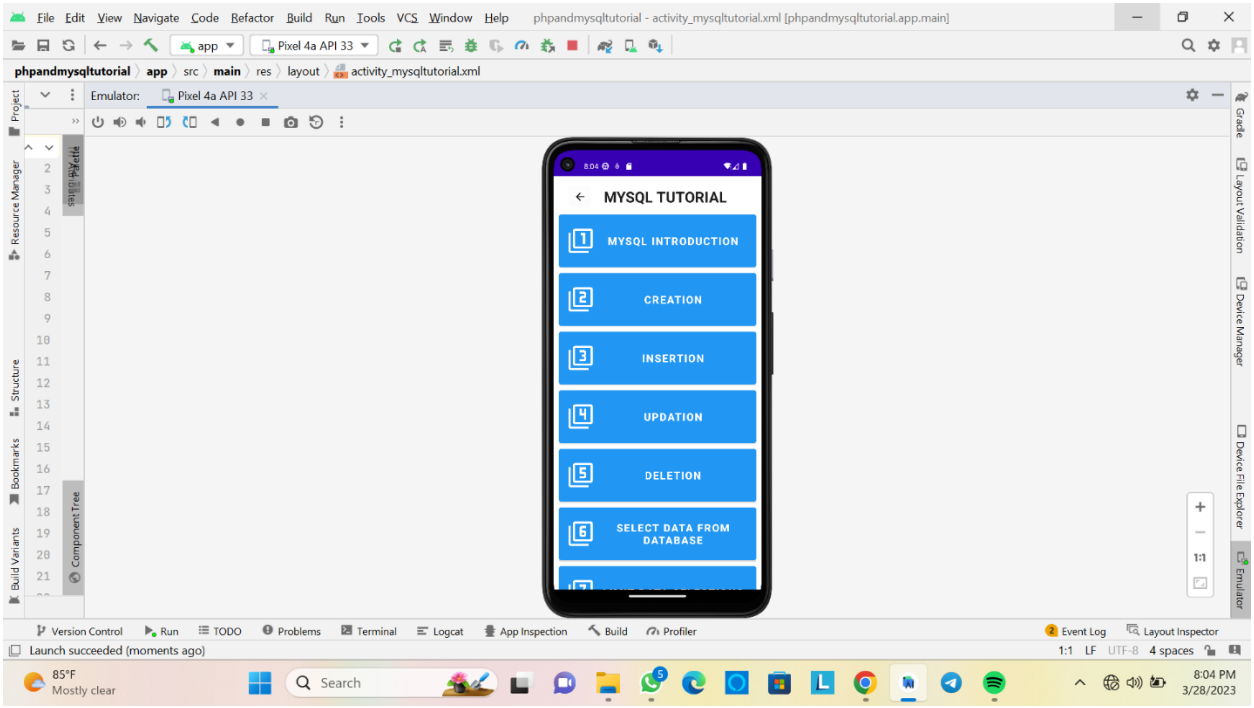
10. APPENDIX

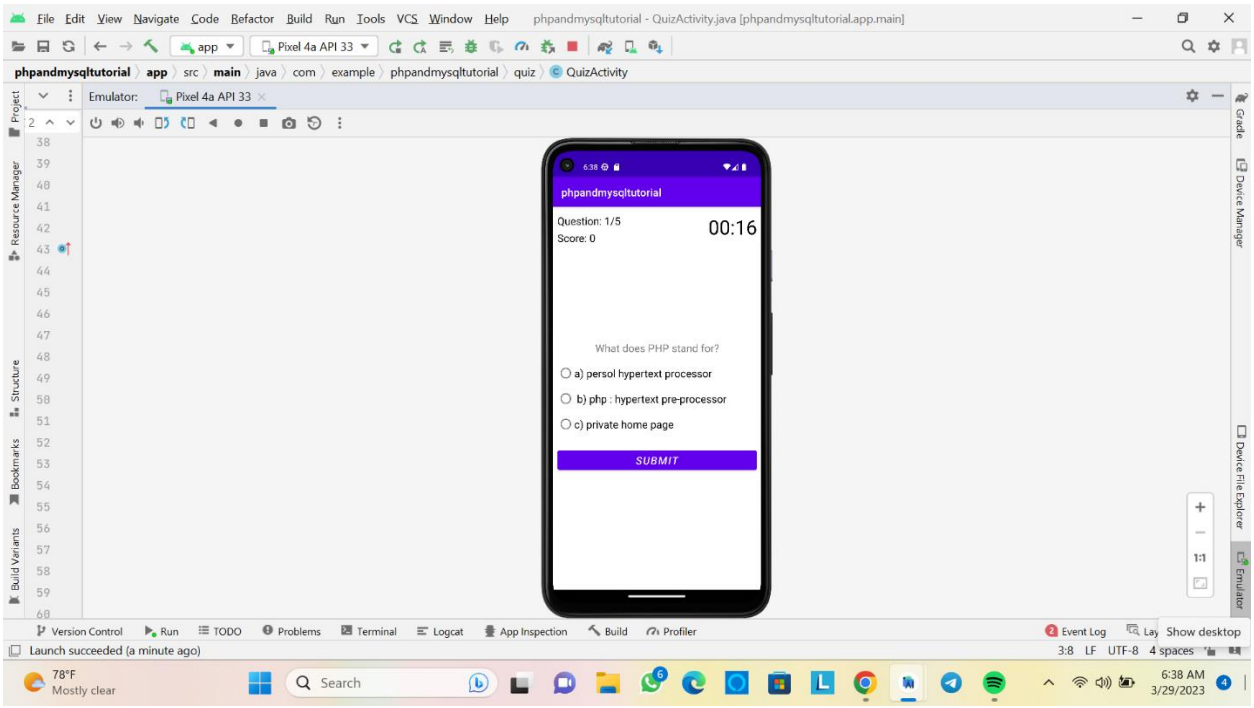
A.SCREENSHOTS

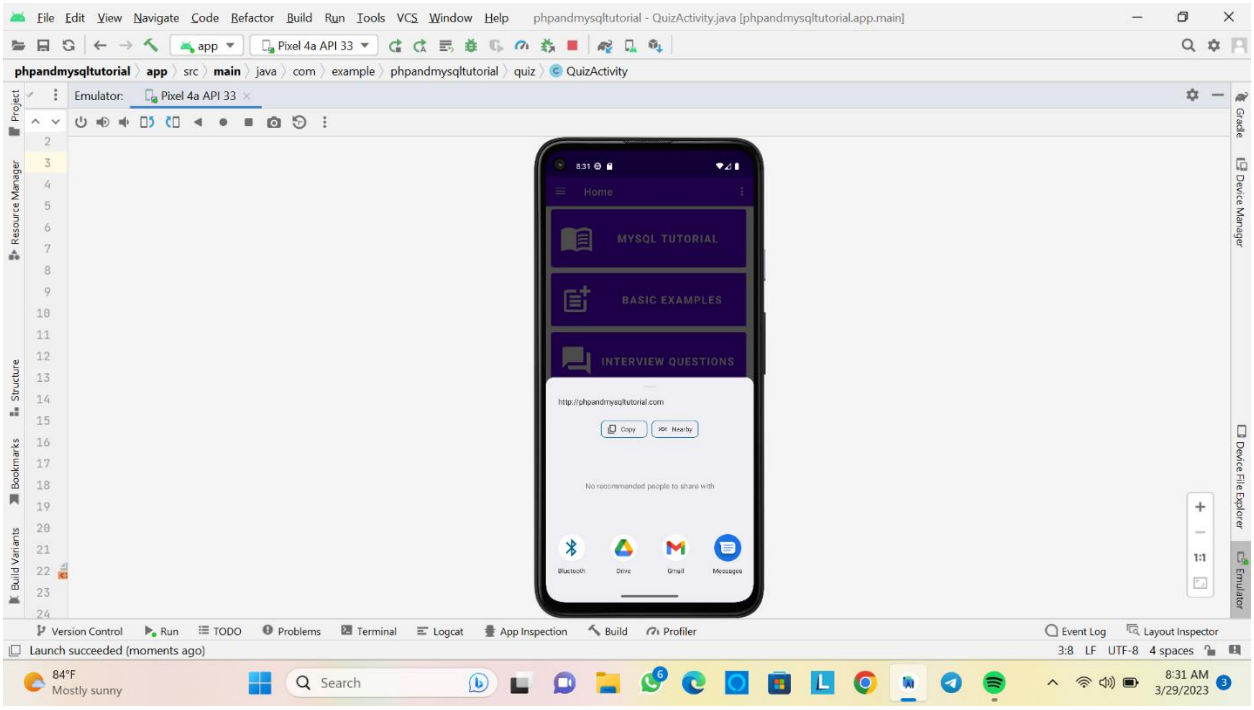





File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
phpandmysqltutorial - HomeFragment.java [phpandmysqltutorial.app.main]
Pixel 4a API 33
phpandmysqltutorial app src main java com example phpandmysqltutorial ui home HomeFragment onStart anonymous OnClickListener onClick
Emulator: Pixel 4a API 33
PHP TUTORIAL
1 PHP INTRODUCTION
2 SYNTAX,COMMENTS
3 VARIABLES,DATA TYPES
4 STRINGS
5 CONSTANTS,OPERATORS
6 CONDITIONS AND LOOPS
7 FORM HANDLING
Version Control Run TODO Problems Terminal Logcat App Inspection Build Profiler Event Log Layout Inspector
Launch succeeded (14 minutes ago)
49:56 LF UTF-8 4 spaces
85°F Partly cloudy
Search
7:24 PM 3/28/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
phpandmysqltutorial - activity_mysqltutorial.xml [phpandmysqltutorial.app.main]
Pixel 4a API 33
phpandmysqltutorial app src main res layout activity_mysqltutorial.xml
Emulator: Pixel 4a API 33
MYSQL TUTORIAL
1 MYSQL INTRODUCTION
2 CREATION
3 INSERTION
4 UPDATION
5 DELETION
6 SELECT DATA FROM DATABASE
Version Control Run TODO Problems Terminal Logcat App Inspection Build Profiler Event Log Layout Inspector
Launch succeeded (moments ago)
1:1 LF UTF-8 4 spaces
85°F Mostly clear
Search
8:04 PM 3/28/2023





B.SAMPLE CODING

//activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayoutxmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
<ImageView
android:id="@+id/imageView2"
android:layout_width="328dp"
android:layout_height="275dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:srcCompat="@drawable/download" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

//MainActivity.java

```
packagecom.example.phpandmysqltutorial;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.view.Window;
import android.view.WindowManager;
public class MainActivity extends AppCompatActivity {
private static intSPLASH_TIMEOUT=3000;
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
requestWindowFeature(Window.FEATURE_NO_TITLE);

getSupportActionBar().hide();this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,WindowManager.LayoutParams.FLAG_FULLSCREEN);
```

```
        setContentView(R.layout.activity_main);
new Handler().postDelayed(new Runnable() {
            @Override
public void run() {
                Intent homeIntent= new Intent(MainActivity.this,MainActivity2.class);
                startActivity(homeIntent);
                finish();}
        },SPLASH_TIMEOUT);
    }
}
```

//activity_main2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.drawerlayout.widget.DrawerLayoutxmlns:android="http://schemas.andr
oid.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:id="@+id/drawer_layout"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:fitsSystemWindows="true"
tools:openDrawer="start">
<include
android:id="@+id/app_bar_main"
        layout="@layout/app_bar_main"
android:layout_width="match_parent"
android:layout_height="match_parent" />
<com.google.android.material.navigation.NavigationView
android:id="@+id/nav_view"




android:layout_width="wrap_content"
android:layout_height="match_parent"
android:layout_gravity="start"
android:fitsSystemWindows="true
app:headerLayout="@layout/nav_header_main"
app:menu="@menu/activity_main_drawer" />
</androidx.drawerlayout.widget.DrawerLayout>
```

//MainActivity2.java

```
package com.example.phpandmysqltutorial;
import android.os.Bundle;
import android.view.View;
import android.view.Menu;
import com.google.android.material.snackbar.Snackbar;
import com.google.android.material.navigation.NavigationView;
import androidx.navigation.NavController;
import androidx.navigation.Navigation;
import androidx.navigation.ui.AppBarConfiguration;
import androidx.navigation.ui.NavigationUI;
import androidx.drawerlayout.widget.DrawerLayout;
import androidx.appcompat.app.AppCompatActivity;
import com.example.phpandmysqltutorial.databinding.ActivityMain2Binding;

public class MainActivity2 extends AppCompatActivity {
private AppBarConfigurationmAppBarConfiguration;
private ActivityMain2Binding binding;
   @Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
binding = ActivityMain2Binding.inflate(getLayoutInflater());
       setContentView(binding.getRoot());
setSupportActionBar(binding.appBarMain.toolbar);
binding.appBarMain.fab.setOnClickListener(new View.OnClickListener() {




@Override
public void onClick(View view) {
Snackbar.make(view, "Replace with your own action",
Snackbar.LENGTH_LONG).setAction("Action", null).show();
          }
       });
DrawerLayout drawer = binding.drawerLayout;
NavigationViewnavigationView = binding.navView;
mAppBarConfiguration= new AppBarConfiguration.Builder(
R.id.nav_home, R.id.nav_gallery, R.id.nav_slideshow).setOpenableLayout(drawer)
.build();
```

```
NavControllernavController = Navigation.findNavController(this,
R.id.nav_host_fragment_content_main);
NavigationUI.setupActionBarWithNavController(this, navController,
mAppBarConfiguration);
NavigationUI.setupWithNavController(navigationView, navController);
    } @Override
public booleanonCreateOptionsMenu(Menu menu) {
getMenuInflater().inflate(R.menu.main_activity2, menu);
return true;
    }
 @Override
public booleanonSupportNavigateUp() {
NavControllernavController = Navigation.findNavController(this,
R.id.nav_host_fragment_content_main);
return NavigationUI.navigateUp(navController, mAppBarConfiguration)
super.onSupportNavigateUp();
    }
}
```

//fragment_home.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
xmlns:android="http://schemas.android.com/apk/res/android
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:contentDescription="@string/app_name"
tools:ignore="ScrollViewCount">
<FrameLayout
android:id="@+id/frame"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:scrollIndicators="right"
android:scrollbarStyle="insideInset"
android:scrollbars="vertical">
<LinearLayout
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
```

```
android:paddingLeft="10dp"
android:paddingTop="10dp"
android:paddingRight="10dp"
android:paddingBottom="10dp">
<Button
android:id="@+id/button3"
android:layout_width="match_parent"
android:layout_height="120dp"
android:text="php tutorial"
android:textAlignment="center"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_menu_book_24"
app:iconSize="@android:dimen/notification_large_icon_height" />




<Button
android:id="@+id/button4"
android:layout_width="match_parent"
android:layout_height="120dp"
android:text="mysql tutorial"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_menu_book_24"
app:iconSize="@android:dimen/notification_large_icon_height" />

<Button
android:id="@+id/button5"
android:layout_width="384dp"
android:layout_height="111dp"
android:text="basic examples"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_post_add_24"
app:iconGravity="start"
app:iconSize="@android:dimen/notification_large_icon_height" />

<Button
```

```
android:id="@+id/button6"
android:layout_width="match_parent"
android:layout_height="120dp"
android:text="interview questions"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_question_answer_24"
app:iconSize="@android:dimen/notification_large_icon_height" />

<Button
android:id="@+id/button7"
android:layout_width="match_parent"
android:layout_height="120dp"
android:text="Quiz"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_quiz_24"
app:iconSize="@android:dimen/notification_large_icon_height" />

<Button
android:id="@+id/button8"
android:layout_width="match_parent"
android:layout_height="120dp"
android:text="software installation"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_file_download_24"
app:iconSize="@android:dimen/notification_large_icon_height" />

<Button
android:id="@+id/button9"
android:layout_width="match_parent"
android:layout_height="120dp"
android:text="share"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_share_24"
app:iconSize="@android:dimen/notification_large_icon_height" />
</LinearLayout>

</FrameLayout>
</ScrollView>
```

//homefragment.java

```
packagecom.example.phpandmysqltutorial.ui.home;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import androidx.annotation.NonNull;
import androidx.fragment.app.Fragment;
import com.example.phpandmysqltutorial.mysqltutorial;
import com.example.phpandmysqltutorial.phptutorial.phptutorial;
import com.example.phpandmysqltutorial.R;
import com.example.phpandmysqltutorial.quiz.MainActivity;


public class HomeFragment extends Fragment {
   Activity context;
public View onCreateView(@NonNullLayoutInflaterinflater,
                         ViewGroup container, Bundle savedInstanceState) {
context = getActivity();
View root = inflater.inflate(R.layout.fragment_home, container, f   false);
return root;
  }
public void onStart() {
super.onStart();
       Button btn = (Button) context.findViewById(R.id.button3);
       Button btn1 = (Button) context.findViewById(R.id.button4);
       Button btn6 = (Button) context.findViewById(R.id.button7);
       Button btn8 = (Button) context.findViewById(R.id.button9);

btn.setOnClickListener(new View.OnClickListener() {
          @Override
public void onClick(View v) {
              Intent intent = new Intent(context, phptutorial.class);
              startActivity(intent);
          }
       });
       btn1.setOnClickListener(new View.OnClickListener() {
```

```
        @Override
public void onClick(View v) {

 Intent intent = new Intent(context, mysqltutorial.class);
            startActivity(intent);
        }
    });

    btn6.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent intent = new Intent(context, MainActivity.class);
            startActivity(intent);
        }
    });

    btn8.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
Intent intent=new Intent(Intent.ACTION_SEND);
intent.setType("text/plain");
            String Body="Download this app";
            String Sub="http://phpandmysqltutorial.com";
intent.putExtra(Intent.EXTRA_TEXT,Body);
intent.putExtra(Intent.EXTRA_TEXT,Sub);
            startActivity(Intent.createChooser(intent,"Share using"));
        }
    });
  }

  @Override
public void onDestroyView() {
super.onDestroyView();
  }
}
```

//activity_phptutorial.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollViewxmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"
android:layout_height="match_parent"
android:contentDescription="@string/app_name"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
tools:ignore="ScrollViewCount">

<LinearLayout
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:orientation="vertical"
android:paddingTop="10dp"
android:paddingBottom="10dp"
android:paddingLeft="10dp"
android:paddingRight="10dp">

<androidx.appcompat.widget.Toolbar
android:id="@+id/toolbar3"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:background="@color/white"
android:minHeight="?attr/actionBarSize"
android:textAlignment="center"
android:theme="?attr/actionBarTheme">

<ImageButton
android:id="@+id/imageButton3"
android:layout_width="48dp"
android:layout_height="48dp"
android:layout_gravity="start"
android:backgroundTint="#FDFCFC"
android:contentDescription="@string/app_name"
android:minHeight="48dp"
app:srcCompat="@drawable/ic_back_24" />

<TextView
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_gravity="center"
android:text="   PHP TUTORIAL"
```

```
android:textColor="#1E1D1D"
android:textSize="28dp"
android:textStyle="bold" />

</androidx.appcompat.widget.Toolbar>

<Button
android:id="@+id/button10"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="php introduction"
android:textAlignment="center"
android:textColor="#FDFCFC"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_1_24" />

<Button
android:id="@+id/button11"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="syntax,comments"
android:textSize="20sp"
android:textStyle="bold”
app:icon="@drawable/ic_baseline_filter_2_24" />

<Button
android:id="@+id/button12"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="variables,data types"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_3_24" />

<Button
android:id="@+id/button13"
android:layout_width="match_parent"
android:layout_height="100dp"
```

```
android:backgroundTint="#2196F3"
android:text="strings"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_4_24" />

<Button
android:id="@+id/button14"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="constants,operators"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_5_24" />

<Button
android:id="@+id/button15"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="CONDITIONS AND LOOPS"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_6_24" />

<Button
android:id="@+id/button16"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="form handling"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_7_24" />

<Button
android:id="@+id/button2"
android:layout_width="match_parent"
android:layout_height="120dp"
android:backgroundTint="#2196F3"
android:text="file handling"
```

```
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_8_24" />

<Button
android:id="@+id/button"
android:layout_width="match_parent"
android:layout_height="100dp"
android:backgroundTint="#2196F3"
android:text="sessions and cookies"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_9_24" />

</LinearLayout>

</ScrollView>
```

//phptutorial.java

```
package com.example.phpandmysqltutorial.phptutorial;
import androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;
import com.example.phpandmysqltutorial.MainActivity2;
import com.example.phpandmysqltutorial.R;


public class phptutorial extends AppCompatActivity {

privateButton mbtn,mbtn1,mbtn2,mbtn3,mbtn4,mbtn5;

   @Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
       setContentView(R.layout.activity_phptutorial)
```

```
ImageButtonimageButton=findViewById(R.id.imageButton3);
      Button mbtn=findViewById(R.id.button10);
      Button mbtn1=findViewById(R.id.button11);
      Button mbtn2=findViewById(R.id.button12);
      Button mbtn3=findViewById(R.id.button13);
      Button mbtn4=findViewById(R.id.button14);
      Button mbtn5=findViewById(R.id.button15);
imageButton.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {

Intent home=new Intent(phptutorial.this, MainActivity2.class);
home.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK|
Intent.FLAG_ACTIVITY_NEW_TASK);
            startActivity(home);
        }
      });
mbtn.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent homeIntent=new Intent(phptutorial.this, phpintroduction.class);
            startActivity(homeIntent);
        }
      });
      mbtn1.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent i=new Intent(phptutorial.this, syntaxandcomments.class);
            startActivity(i);
        }
      });

      mbtn2.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent i=new Intent(phptutorial.this, variablesstringsanddatatypes.class);
            startActivity(i);
        }
      });

mbtn3.setOnClickListener(new View.OnClickListener() {
        @Override
```

```
public void onClick(View v) {
            Intent i=new Intent(phptutorial.this, strings.class);
            startActivity(i);
          }

 });
      mbtn4.setOnClickListener(new View.OnClickListener() {
          @Override
public void onClick(View v) {
            Intent m=new Intent(phptutorial.this, consonants.class);
            startActivity(m);
          }
       });
      mbtn5.setOnClickListener(new View.OnClickListener() {
          @Override
public void onClick(View v) {
            Intent m=new Intent(phptutorial.this, condtionalandloops.class);
            startActivity(m);
          }
       });
     }
}
```

//activity_mysqltutorial.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollViewxmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:contentDescription="@string/app_name"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
tools:ignore="ScrollViewCount">

<LinearLayout
android:layout_width="match_parent"
android:layout_height="wrap_content"
```

```
android:orientation="vertical"
android:paddingTop="10dp"
android:paddingBottom="10dp"
android:paddingLeft="10dp"
android:paddingRight="10dp">
<androidx.appcompat.widget.Toolbar
android:id="@+id/too4"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:background="@color/white"
android:minHeight="?attr/actionBarSize"
android:textAlignment="center"
android:theme="?attr/actionBarTheme">

<ImageButton
android:id="@+id/imageButton4"
android:layout_width="48dp"
android:layout_height="48dp"
android:layout_gravity="start"
android:backgroundTint="#FDFCFC"
android:contentDescription="@string/app_name"
android:minHeight="48dp"
app:srcCompat="@drawable/ic_back_24" />

<TextView
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_gravity="center"
android:text="   MYSQL TUTORIAL"
android:textColor="#1E1D1D"
android:textSize="28dp"
android:textStyle="bold" />

</androidx.appcompat.widget.Toolbar>

<Button
android:id="@+id/button20"
android:layout_width="match_parent"


android:layout_height="110dp"
android:backgroundTint="#2196F3"
```

```
android:text="MYSQL introduction"
android:textAlignment="center"
android:textColor="#FDFCFC"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_1_24" />

<Button
android:id="@+id/button21"
android:layout_width="match_parent"
android:layout_height="110dp"
android:backgroundTint="#2196F3"
android:text="CREATION"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_2_24" />

<Button
android:id="@+id/button22"
android:layout_width="match_parent"
android:layout_height="110dp"
android:backgroundTint="#2196F3"
android:text="INSERTION"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_3_24" />

<Button
android:id="@+id/button23"
android:layout_width="match_parent"
android:layout_height="110dp"
android:backgroundTint="#2196F3"
android:text="UPDATION"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_4_24" />

<Button
android:id="@+id/button24"
android:layout_width="match_parent"
android:layout_height="110dp"
android:backgroundTint="#2196F3"
```

```
android:text="DELETION"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_5_24" />

<Button
android:id="@+id/button25"
android:layout_width="match_parent"
android:layout_height="110dp"
android:backgroundTint="#2196F3"
android:text="SELECT DATA FROM DATABASE"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_6_24" />

<Button
android:id="@+id/button26"
android:layout_width="match_parent"
android:layout_height="110dp"
android:backgroundTint="#2196F3"
android:text="LIMIT DATA SELECTIONS"
android:textSize="20sp"
android:textStyle="bold"
app:icon="@drawable/ic_baseline_filter_7_24" />

</LinearLayout>
</ScrollView>
```

//mysqltutorial.java

```
packagecom.example.phpandmysqltutorial;

import androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;

import com.example.phpandmysqltutorial.MainActivity2;
import com.example.phpandmysqltutorial.R;
```

```
public class phptutorial extends AppCompatActivity {
private Button mbtn,mbtn1,mbtn2,mbtn3,mbtn4,mbtn5;
   @Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
      setContentView(R.layout.activity_mysqltutorial);
ImageButtonimageButton=findViewById(R.id.imageButton3);
      Button mbtn=findViewById(R.id.button10);
      Button mbtn1=findViewById(R.id.button11);
      Button mbtn2=findViewById(R.id.button12);
      Button mbtn3=findViewById(R.id.button13);
      Button mbtn4=findViewById(R.id.button14);
      Button mbtn5=findViewById(R.id.button15);
imageButton.setOnClickListener(new View.OnClickListener() {
         @Override
public void onClick(View v) {
            Intent home=new Intent(phptutorial.this, MainActivity2.class);
home.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK|
Intent.FLAG_ACTIVITY_NEW_TASK);
            startActivity(home);
         }
      });
mbtn.setOnClickListener(new View.OnClickListener() {
         @Override
public void onClick(View v) {
            Intent homeIntent=new Intent(mysqltutorial.this,
mysqlintroduction.class);
            startActivity(homeIntent);
         }

   });
      mbtn1.setOnClickListener(new View.OnClickListener() {
         @Override
public void onClick(View v) {
            Intent i=new Intent(mysqltutorial.this, creation.class);
            startActivity(i);
         }
      });

      mbtn2.setOnClickListener(new View.OnClickListener() {
         @Override
public void onClick(View v) {
```

```
            Intent i=new Intent(mysqltutorial.this, insertion.class);
            startActivity(i);
        }
    });
    mbtn3.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent i=new Intent(phptutorial.this, updation.class);
            startActivity(i);
        }
    });
    mbtn4.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent m=new Intent(phptutorial.this, deletion.class);
            startActivity(m);
        }
    });
    mbtn5.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
            Intent m=new Intent(phptutorial.this, selectdatafromdatabase.class);
            startActivity(m);
        }
    });
  }}
```

//activity_quiz.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayoutxmlns:android="http://schema
s.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".quiz.QuizActivity">
<RelativeLayout
android:layout_width="409dp"
android:layout_height="729dp"
android:layout_marginStart="1dp"
android:layout_marginTop="1dp"
```

```
android:layout_marginEnd="1dp"
android:layout_marginBottom="1dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
android:padding="16dp">
<TextView
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Questions: 1/n"
android:textColor="@color/black"
android:textSize="20sp"
android:id="@+id/textQuestionNo"/>
<TextView
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Score: 0"
android:textColor="@color/black"
android:textSize="20sp"
android:layout_below="@+id/textQuestionNo"
android:id="@+id/textScore"/>
<TextView
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="00:20"
android:layout_alignParentEnd="true"
android:textSize="37sp"
android:textColor="@color/black"
android:id="@+id/textTimer"/>

<TextView
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:text="Questions will be here...."
android:layout_above="@+id/radiogroup"
android:layout_marginBottom="10dp"
android:textSize="20sp"
android:textAlignment="center"
android:id="@+id/question"/>
<RadioGroup
android:id="@+id/radiogroup"
```

```
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_centerInParent="true">

<RadioButton
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Option 1"
android:textSize="20sp"
android:id="@+id/radio"/>

<RadioButton
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Option 2"
android:textSize="20sp”

android:id="@+id/radio2"/>

<RadioButton
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Option 3"
android:textSize="20sp"
android:id="@+id/radio3"/>
</RadioGroup>

<Button
android:id="@+id/next"
android:layout_width="match_parent"
android:layout_height="wrap_content"
android:layout_below="@+id/radiogroup"
android:layout_marginTop="20dp"
android:text="Next"
android:textColor="@color/white"
android:textSize="20sp"
android:textStyle="italic" />
</RelativeLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

//QuizActivity.java

```
packagecom.example.phpandmysqltutorial.quiz;
import androidx.appcompat.app.AppCompatActivity;
importandroid.annotation.SuppressLint;
import android.content.res.ColorStateList;
import android.graphics.Color;
import android.os.Bundle;
import android.os.CountDownTimer;
import android.view.View;
import android.widget.Button;
import android.widget.RadioButton;
importandroid.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;
import com.example.phpandmysqltutorial.R;
import java.util.ArrayList;
import java.util.List;

public class QuizActivityextends AppCompatActivity {
private TextView tvQuestion, tvScore, tvQuestionNo, tvTimer;
private RadioGroupradioGroup;
private RadioButtonrb1, rb2, rb3;
private Button btnnext;
inttotalQuestions;
intqCounter= 0;
int score = 0;
ColorStateListdfRbColor;
boolean answered;

CountDownTimercountDownTimer;
private QuestionModelcurrentQuestion;
private List<QuestionModel>questionsList;

   @SuppressLint("MissingInflatedId")
   @Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
      setContentView(R.layout.activity_quiz2);

questionsList= new ArrayList<>();
tvQuestion= findViewById(R.id.question);
tvQuestionNo= findViewById(R.id.textQuestionNo);
tvScore= findViewById(R.id.textScore);
```

```
tvTimer= findViewById(R.id.textTimer);
radioGroup= findViewById(R.id.radiogroup);
rb1 = findViewById(R.id.radio);
rb2 = findViewById(R.id.radio2);
rb3 = findViewById(R.id.radio3);
btnnext= findViewById(R.id.next);

dfRbColor= rb1.getTextColors();
dfRbColor= rb2.getTextColors();
dfRbColor= rb3.getTextColors();

addQuestions();
totalQuestions= questionsList.size();
showNextQuestion();

btnnext.setOnClickListener(new View.OnClickListener() {
        @Override
public void onClick(View v) {
if (answered == false) {
if (rb1.isChecked() || rb2.isChecked() || rb3.isChecked()) {
checkAnswer();
                } else {
Toast.makeText(QuizActivity.this, "Please select an option",
Toast.LENGTH_SHORT).show();
                }
            } else {
showNextQuestion();
            }
        }
    });
  }

private void checkAnswer() {
answered = true;
RadioButtonrbSelected = findViewById(radioGroup.getCheckedRadioButtonId());
intanswerNo = radioGroup.indexOfChild(rbSelected) + 1;
if (answerNo == currentQuestion.getCorrectAnsNo()) {
score++
tvScore.setText("Score: " + score);
      }
rb1.setTextColor(Color.RED);
rb2.setTextColor(Color.RED);
```

```
rb3.setTextColor(Color.RED);
switch (currentQuestion.getCorrectAnsNo()) {
case 1:
rb1.setTextColor(Color.GREEN);
break;
case 2:
rb2.setTextColor(Color.GREEN);
break;
case 3:
rb3.setTextColor(Color.GREEN);
break;
        }
if (qCounter<totalQuestions) {
btnnext.setText("Next");
        } else {
btnnext.setText("Finish");
        }
    }
private void showNextQuestion() {
radioGroup.clearCheck();
rb1.setTextColor(dfRbColor);
rb2.setTextColor(dfRbColor);
rb3.setTextColor(dfRbColor);
if (qCounter<totalQuestions) {
            timer();
currentQuestion= questionsList.get(qCounter);
tvQuestion.setText(currentQuestion.getQuestion());
rb1.setText(currentQuestion.getOption1());
rb2.setText(currentQuestion.getOption2());
rb3.setText(currentQuestion.getOption3());

qCounter++;
btnnext.setText("Submit");
tvQuestionNo.setText("Question: " + qCounter+ "/" + totalQuestions);
answered = false;
        } else {
            finish();
        }
    }
private void timer() {
countDownTimer= new CountDownTimer(20000, 1000) {
            @Override
```

```
public void onTick(long l) {
tvTimer.setText("00:" + l / 1000);
            }
            @Override
public void onFinish() {
showNextQuestion();
            }
        }.start();
    }

private void addQuestions() {
questionsList.add(new QuestionModel("What does PHP stand for?", "a) persol
hypertext processor", " b) php : hypertext pre-processor  ", "c) private home page",
2));
    }
}
```

Programming isn't about what you know; it's about what you can figure out.

~Chris Pine

Project work on

"VEHICLE PARKING MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi
(Re-accredited with A+ Grade by NAAC)

Affiliated to

Manonmaniam Sundaranar University, Tirunelveli

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

Bachelor of Computer Science



Submitted by

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This is to certify that the project report entitled **"VEHICLE PARKING MANAGEMENT SYSTEM"** is the Bonafide work done by

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In the partial fulfilment of the requirements for the award of Degree in BACHELOR OF COMPUTER SCIENCE during the year 2022-2023.

Guide

Head of the Department

Submitted for the examination held on 18.04.2023

Examiner

Principal
St. Mary's College (Autonomous)
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We also thank all our friends for the team spirit which helped us to complete this project work successfully.

ABSTRACT

The project entitled **VEHICLE PARKING MANAGEMENT SYSTEM** using automatic parking allocation, the major motivation of this project is to park the vehicles in a neat order. Time will be wasted so Criticism and inconvenience are more likely to happen. So, automated parking allocation is an important solution. It can arrange the passage of vehicles inside our college parking area without any confusion. It can help physically challenged people to park the vehicles conveniently. This project can provide information about the future need to allot more space. This project helps us to park the vehicles conveniently and more comfortable in our college campus.

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CONTENT

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INTRODUCTION

1.INTRODUCTION

The manual vehicle parking in our college is solved by automated vehicle parking system. The vehicle parking area has many slots for parking. So to park a vehicle one has to look for all the space. Moreover this involves many manual labourers. Instead of vehicle caught in towing, the vehicle can park on comfortably.

1.1.PROJECT OVERVIEW :

VEHICLE PARKING MANAGEMENT SYSTEMis for managing the records of the vehicles. It's easy for Admin to retrieve the data of the vehicle that has been parked through registration.

Parking Management system has the record of vehicle owner and about the vehicle.These features are hereby very necessary nowadays to secure your vehicle and also to evaluate the fee structure for every vehicles entry. Design a project of parking monitoring and control system to count the number of automobiles entering and provide information about free parking spaces.

1.2.OBJECTIVE :

The objective of this project is to build a Vehicle Parking management system using an automated allocation rather than manual allocation. The system that will maintain a list of vehicles within the parking lot, and determine if the parking lot is full or not. Using this System the admin can get the user additional details.

SYSTEM ANALYSIS

2. SYSTEM ANALYSIS

2.1. EXISTING SYSTEM :

The existing system of vehicle parking management ismanually done by administrators. It includes manual labourers monitoring the vehicles and allocating the vehicles based on their decisions. In the existing system the parked vehicles in unrestricted areas cannot be monitored and also it has more workload for the authorized person, but in the case of Proposed System, the user can register the site and send the their information so that they can be allocated automatically.

Disadvantages :

* Improper vehicle parking by user.
* Manual monitoring is difficult.
* It may be a bit confusing for unfamiliar users.
* There may be a fear of breakdown (How do I get my car out?).
* It requires a regular monitoring .

2.2. PROPOSED SYSTEM :

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the user to reduce the workload and mental conflict.

Advantages :

- There is a greater sense of security due to the fact that patrons do not actually walk to and from their own space.
- It is highly feasible for extremely small sites that are unable to accommodate a conventional ramped parking structure.
- There is high parking efficiency.
- There is no need for driving while looking for an available space.
- Emissions are greatly brought down and reduced.
- There are less chances for vehicle vandalism.
- There is a minimal staff requirement if it is used by known parkers.

SYSTEM REQUIREMENTS

3. **SYSTEM REQUIREMENTS**

3.1. HARDWARE REQUIREMENTS:

PROCESSOR: Intel i3 &above.
RAM: 4GB & above.
HDD/SSD: 100 GB & above.

3.2. SOFTWARE REQUIREMENTS:

OPERATING SYSTEM: Windows 10 & above.
IDE: Local Host
FRONT END: Php , JavaScript ,Html and Css.
BACK END: MySQL
SERVER: WAMP

SYSTEM OVERVIEW

4. SYSTEM OVERVIEW

4.1. MODULE DESCRIPTION:

- **HOME PAGE:** Home page consist of user's login and admin login.
- **USER PAGE:** User page consist of the profile of the specific user.
- **ADMIN PAGE:** Admin page consist of the dashboard which has the specific details of the students, teachers, non-teaching staff and others. It also has the details about fees payments, allocation of the vehicle as two-wheelers and four-wheelers, and also the report session.

4.2. SOFTWARE DESCRIPTION:

NOTEPAD:

Notepad is a basic text editor that's built into Windows. It is excellent for writing relatively short text documents that you want to save as plain text. However, that's not all you can do with it. If you have not used *Notepad* much, or ever, youmay be surprised by how easy it is to work with. *Notepad* looks and works mostly the same in Windows 10 and older versions of Microsoft's operating systems such as Windows 7.

Nothing more is needed, since *Notepad* has a limited set of options. At the top of the window, you should see menus for *File, Edit, Format, View,* and *Help*. Let's take a look at what you can do with *Notepad*. Everything should be reassuringly familiar, but keep in mind that *Notepad* is just a text editor. If you try to paste graphics into it, it does not work.

Runtime:

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

HTML:

The ***Hypertext Markup Language*** or HTML is the standard mark up language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) andscripting 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, writes using angle brackets.

HTML can embed programs written in ascripting language such as JavaScript, which affects the behaviour 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 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). Intent media type (MIME type) text/CSS is registered for use with CSS by RFC2318 (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.

A long side 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 behaviour 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. The 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. **6**

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 be directly executed from the command line.

APPLICATION FRAMEWORK:

A ***web browser*** (commonly referred to as 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.

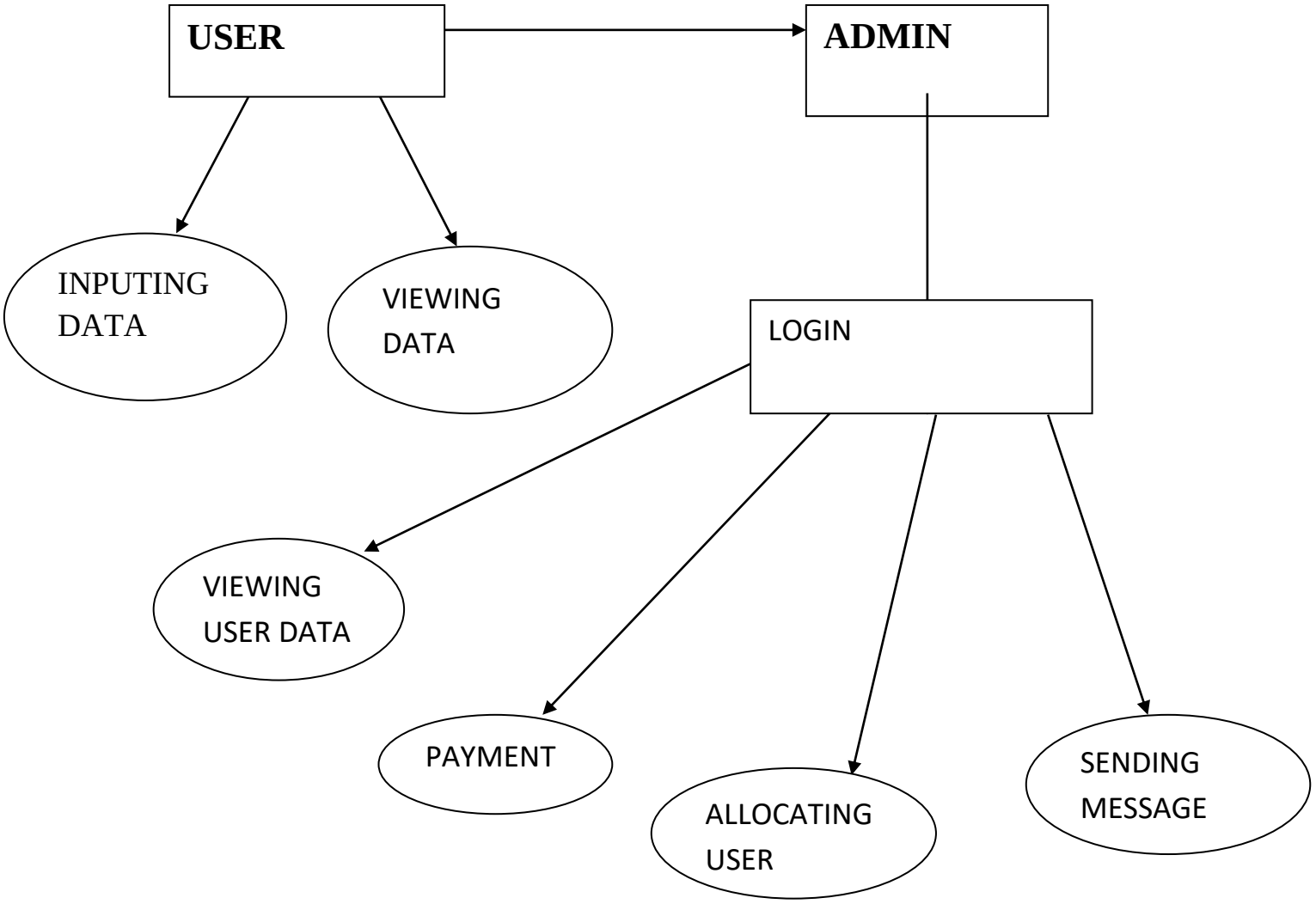
A web browser is not the same thing as a search engine, though the two are often confused. For a user, a search engine is just that provides links to other websites. However, to connect to a website's server and display its web pages, a user must have a web browser installed.

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 is 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: admin

Field	Type	Description
Email	varchar(30)	Admin email
password	varchar(30)	Admin password

Table name: user

Field	Type	Description
Name	varchar(30)	User name
Email	varchar(30)	User email
Batch	varchar(30)	Student batch
Degree	varchar(30)	Degree of Student
department	varchar(30)	Major
License	varchar(30)	License
Moe	varchar(30)	Mode of education
Plateno	varchar(30)	Vehicle Number
Vehicle	varchar(30)	Type of vehicle
password	varchar(30)	Password
Id	varchar(30)	Unique Id
Gender	varchar(30)	Gender
Mobile	varchar(30)	Mobile Number

Table name: Message

Field	Type	Description
Email	varchar(30)	User email
comments	varchar(80)	Message

Table name: list

Field	Type	Description
Name	**varchar(30)**	**User name**
Plateno	**varchar(30)**	**Vehicle Number**
Email	**varchar(30)**	**User email**
Batch	**varchar(30)**	**Batch**
department	**varchar(30)**	**Major**
Status	**varchar(30)**	**Fees status**

Table name: dean

Field	Type	Description
Name	**varchar(30)**	**User name**
vehicleno	**varchar(30)**	**Vehicle Number**
vehicletype	**varchar(30)**	**Vehicle Type**
ID	**int(30)**	**Unique Id**
department	**varchar(30)**	**Major**

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. TESTING:

Software testing is a critical element of the software development cycle. The testing is essential for ensuring the Quality of the software developed and represents the ultimate view of specification, design and code generation. Software testing is defined as the process by which one detects the defects in the software. Testing is a set of activities that work towards the integration of entire computer based system.

A good test case is one that has a high probability of finding an as-yet undiscovered error. A successful test is one such uncovers or finds such errors. If testing is conducted successfully, it will uncover errors in the software. It also demonstrates that software functions are being performed according to specifications and also behavioral and performance requirements are satisfied. For this, test plans have to be prepared. The implementation of a computer system requires that test data has to be prepared and that all the elements in the system are tested in a planned and efficient manner. Nothing is complete without testing, as it is vital success of the system.

6.2. TESTING OBJECTIVES:

There are several rules that can serve as testing objectives. They are:

- Testing is process of executing a program and finding a bug.
- A good test case is one that has a high probability of finding an undiscovered.
- A successful test is one that uncovers an undiscovered error.

If testing is conducted successfully according to the objectives as stated above, it would uncover errors in the software. Also testing demonstrates that software functions appear to the working according to the specification, that performance requirements appear to have been met.

UNIT TESTING:

Unit testing is carried out screen-wise, each screen being identified as an object. Attention is diverted to individual modules, independently to one another to locate errors. This has enabled the detection of errors in coding and logic

This is the first level of testing. In this, codes are written such that from one module, we can move on to the next module according to the choice we enter**.**

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.

INTEGRATION TESTING:

This testing strategies combines all the modules involved in the system. After the independent modules are tested, dependent modules that use the independent modules are tested. This sequence of testing layers of dependent modules continues until the entire system is constructed.

Though each module individually, they should work after linking them together. Data may be lost across interface and one module can have adverse effect on another. Subroutines, after linking, may not do the desired function expected by the main routine. Integration testing is a systematic technique for constructing program structure while at the same time, conducting test to uncover errors associated with the interface. In the testing the programs are constructed and tested in the small segments.

SYSTEM TESTING:

In this, the entire system was tested as a whole with all forms, code, modules and class modules.System testing is the stage of implementation, which is aimed at ensuring that the system works accurately and efficiently before live operation commences. It is a series of different tests that verifies that all system elements have been properly integrated and perform allocated functions. System testing makes logical assumptions that if all parts of the system arecorrect, the goal will be successfully achieved. Testing is the process of executing the program with the intent of finding errors. Testing cannot show the absence of defects, it can only show that software errors are present.

6.3. SYSTEM MAINTENANCE:

Maintenance involves the software industry captive, typing up the system resources. It means restoring something to its original condition. Maintenance involves a wide range of activities including correcting, coding, and design errors, updating documentation and test data and upgrading user support. Maintenance is continued till the product is re-engineered or deployed to another platform. Maintenance is also done based on fixing the problems reported, changing the interface with other software or hardware enhancing the software.

CONCLUSION

7. CONCLUSION

This system, being the first We have created in PHP, has proven more difficult than originally imagined. While it may sound simple to fill out a few forms and process the information, much more is involved in the selection of applicants than this. Every time progress was made and features were added, ideas for additional features or methods to improve the usability of the system made themselves apparent.

Furthermore, adding one feature meant that another required feature was now possible, and balancing completing these required features with the ideas for improvement as well as remembering everything that had to be done was a project in itself.

Debugging can sometimes be a relatively straight forward process, or rather finding out what you must debug can be. Since so many parts of the admissions system are integrated into one another, if an error occurs on one page, it may be a display error, for example; it may be the information is not correctly read from the database; or even that the information is not correctly stored in the database initially, and all three must be checked on each occasion. This slows down the process and can be frustrating if the apparent cause of a problem is not obvious at first. Language used must be simple and easy to understand and compatibility is paramount. If this system were not designed as an entirely web based application, it would not have been possible to recreate its current state of portability.

Overall, the system performs well, and while it does not include all of the features that may have been desired, it lives up to initial expectations. The majority of features that are included work flawlessly and the errors that do exist are minor or graphical.

FUTUREENHANCEMENT

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

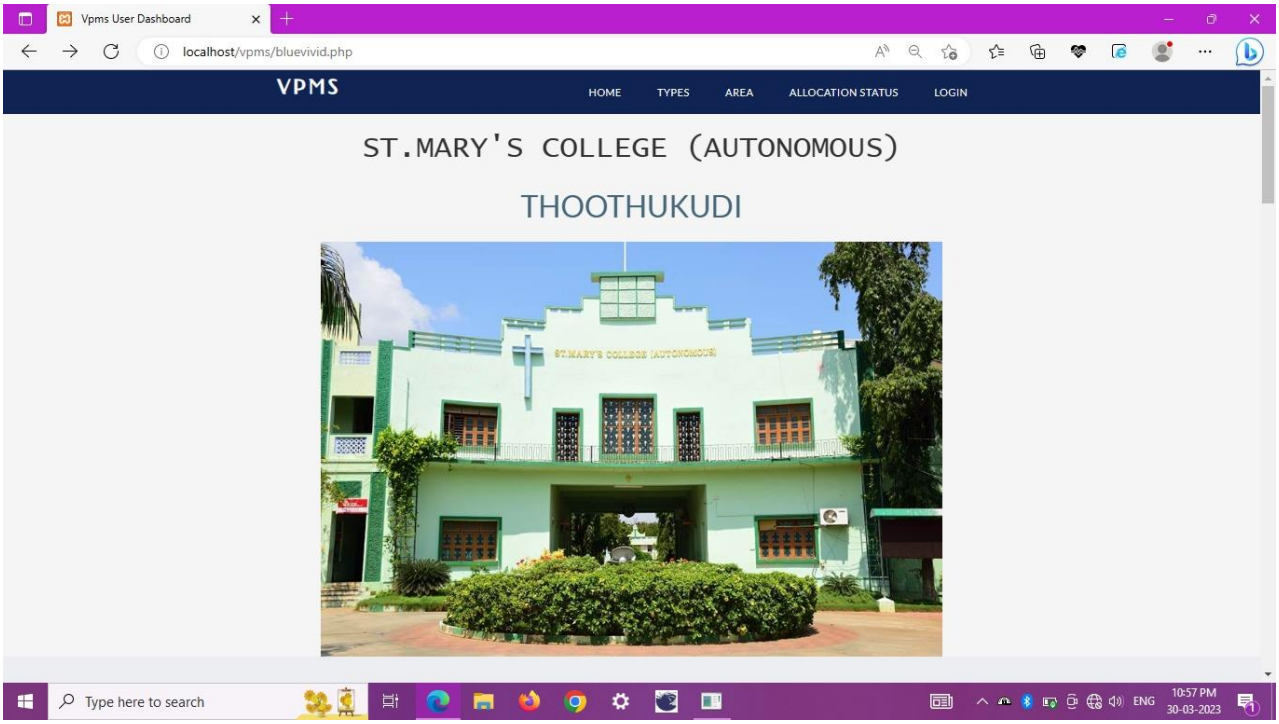
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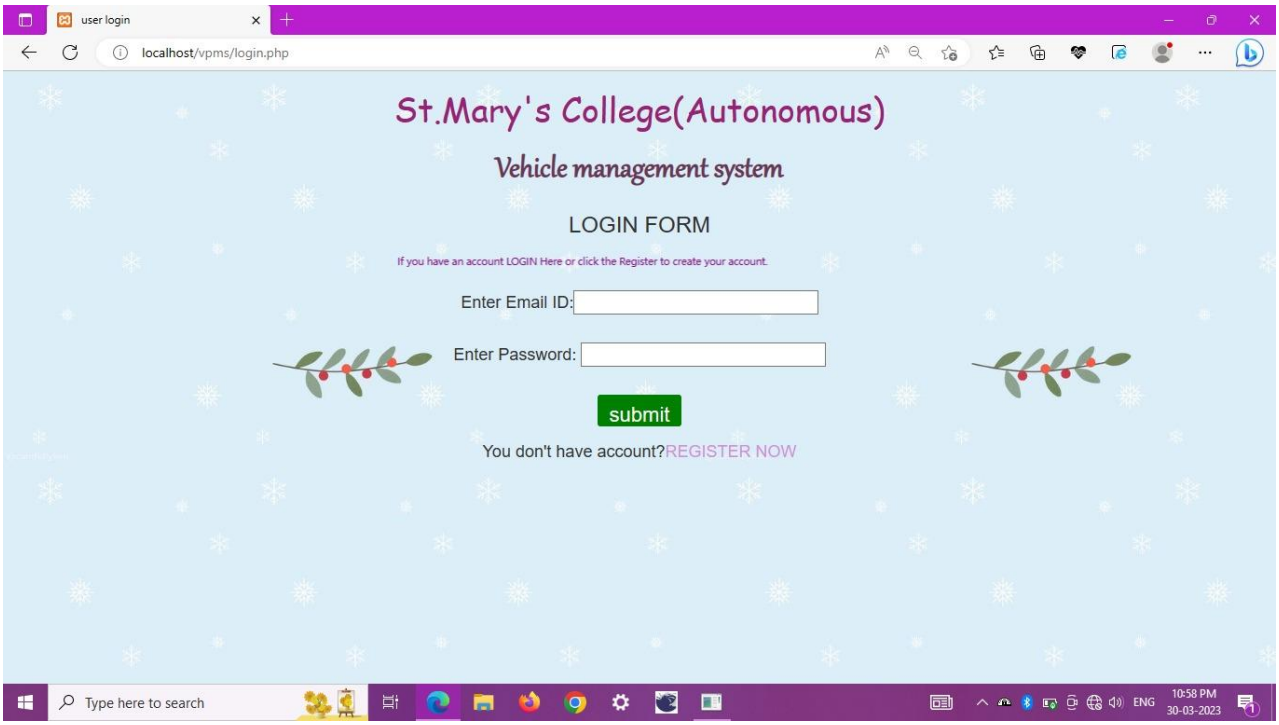
1. https://code.visualstudio.com/
2. http://forum.wampserver.com/
3. https://www.w3schools.com/

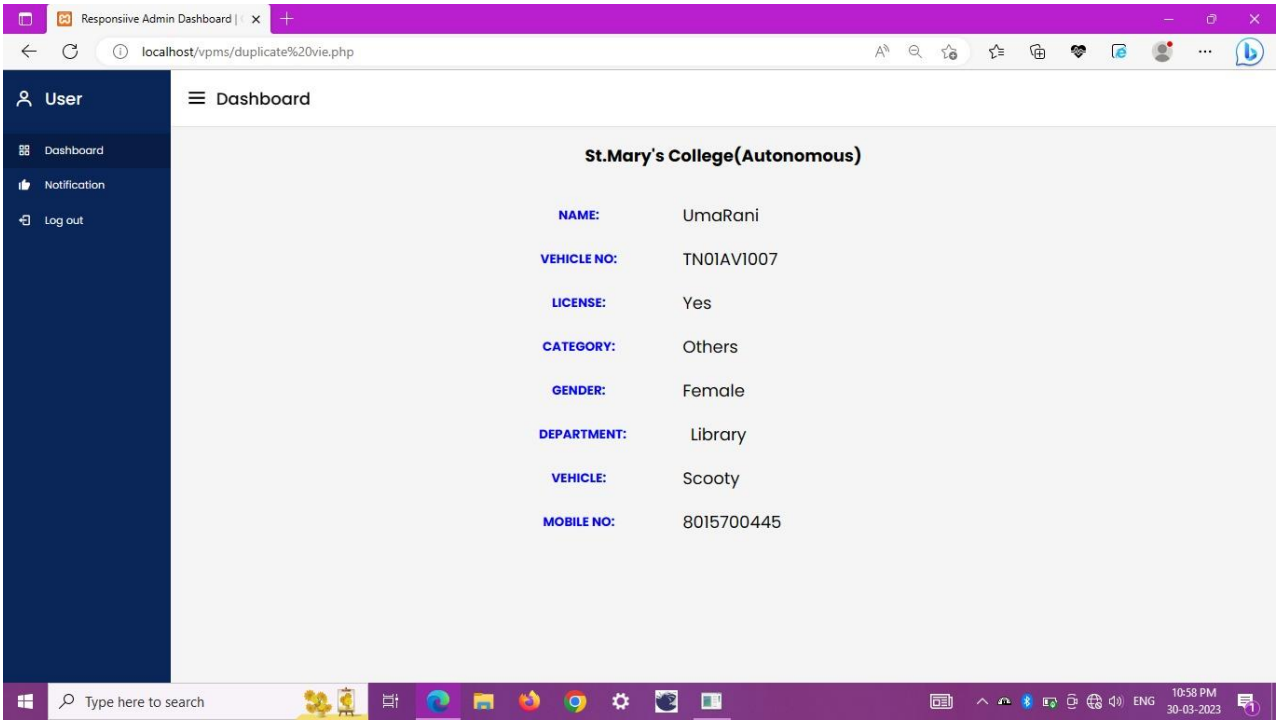
APPENDIX

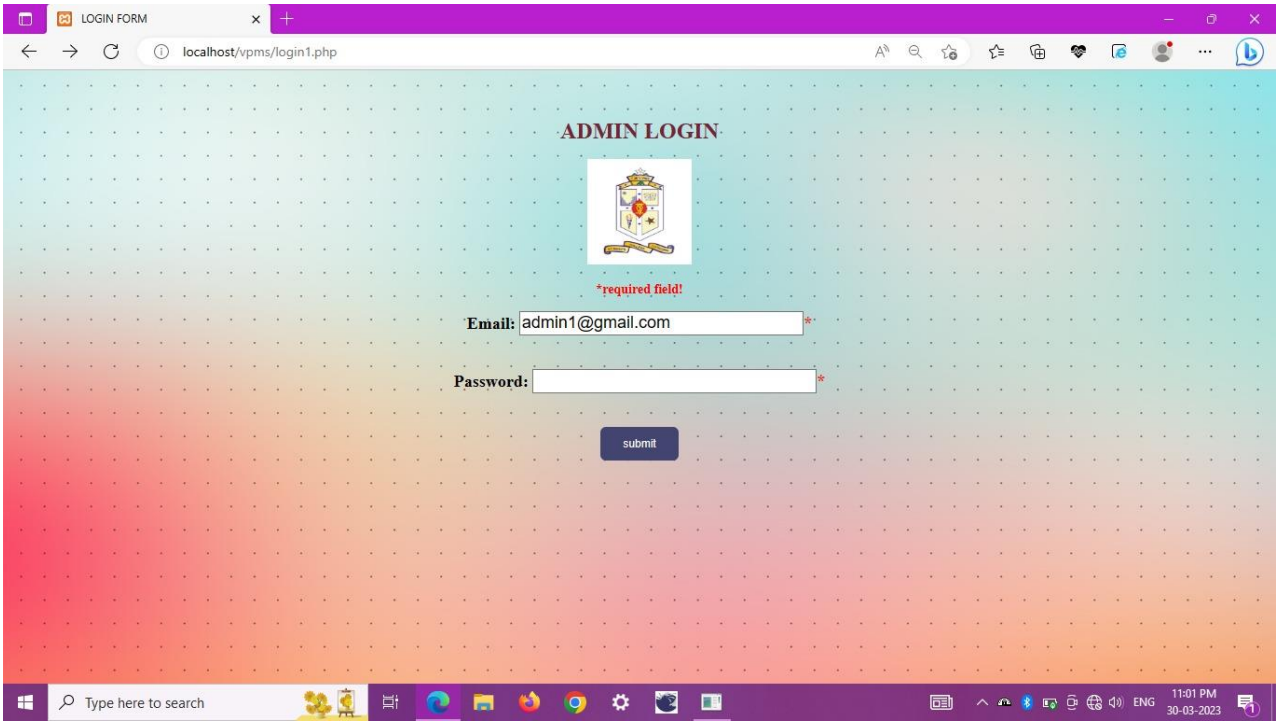
10.APPENDIX

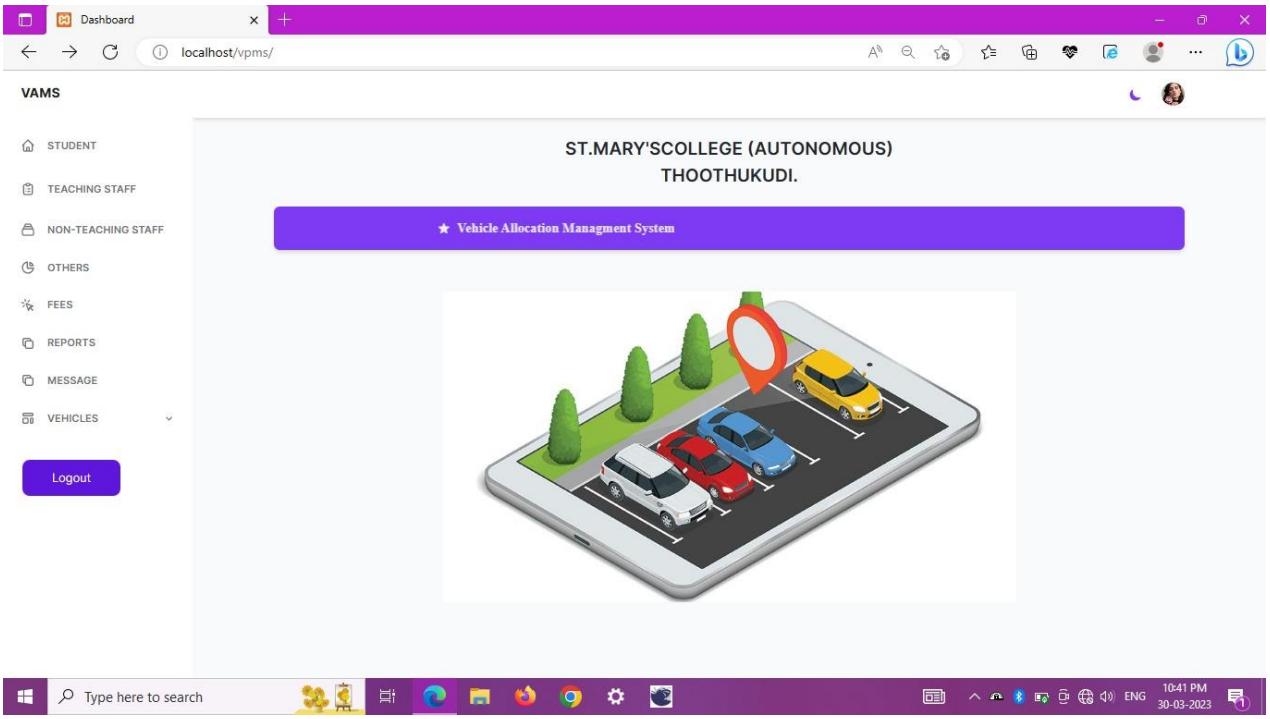
10.1. SCREENSHOTS:

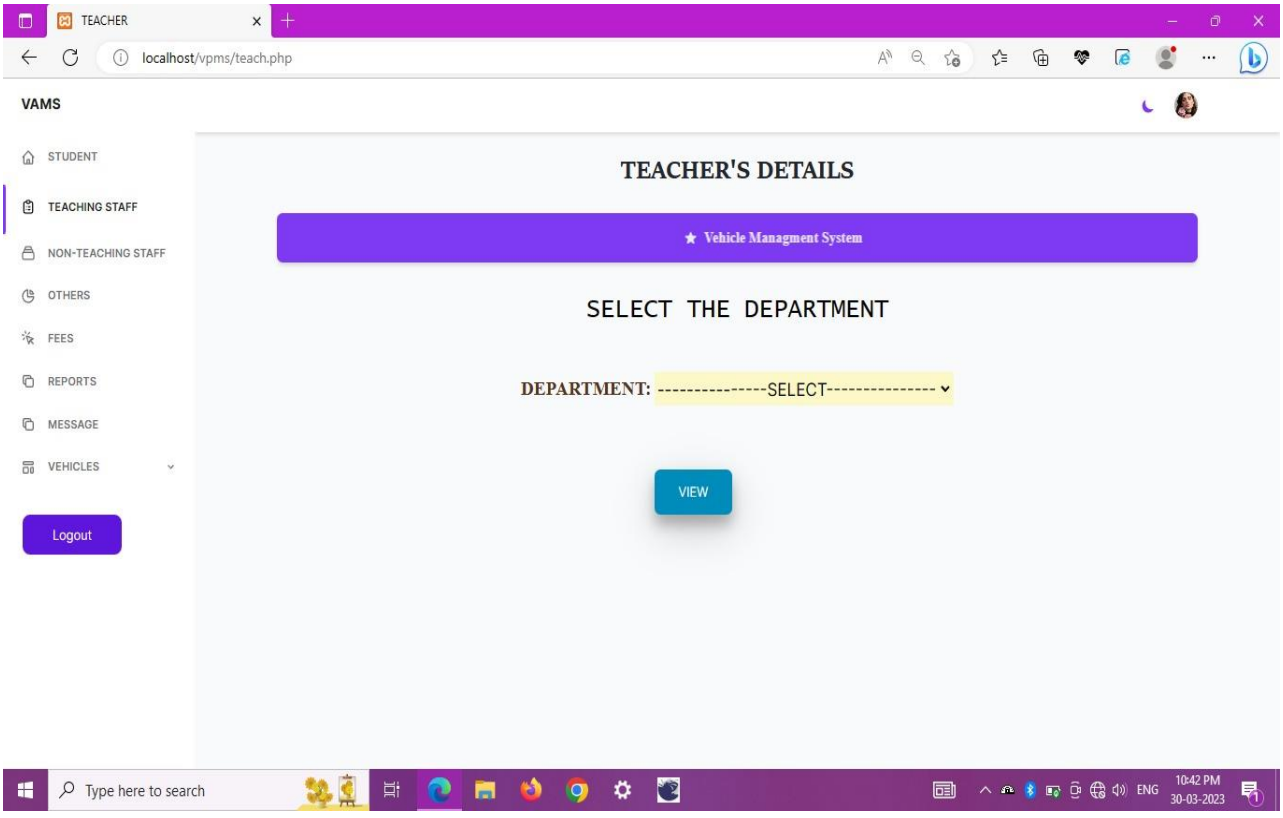


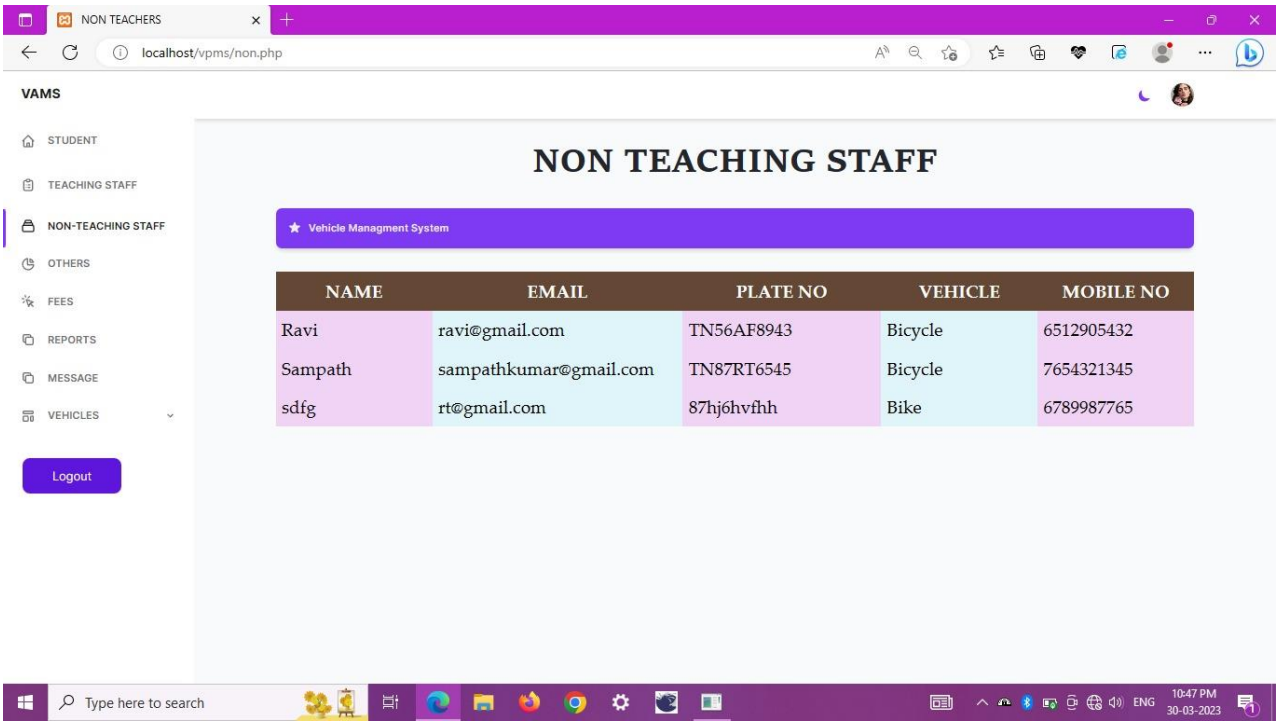


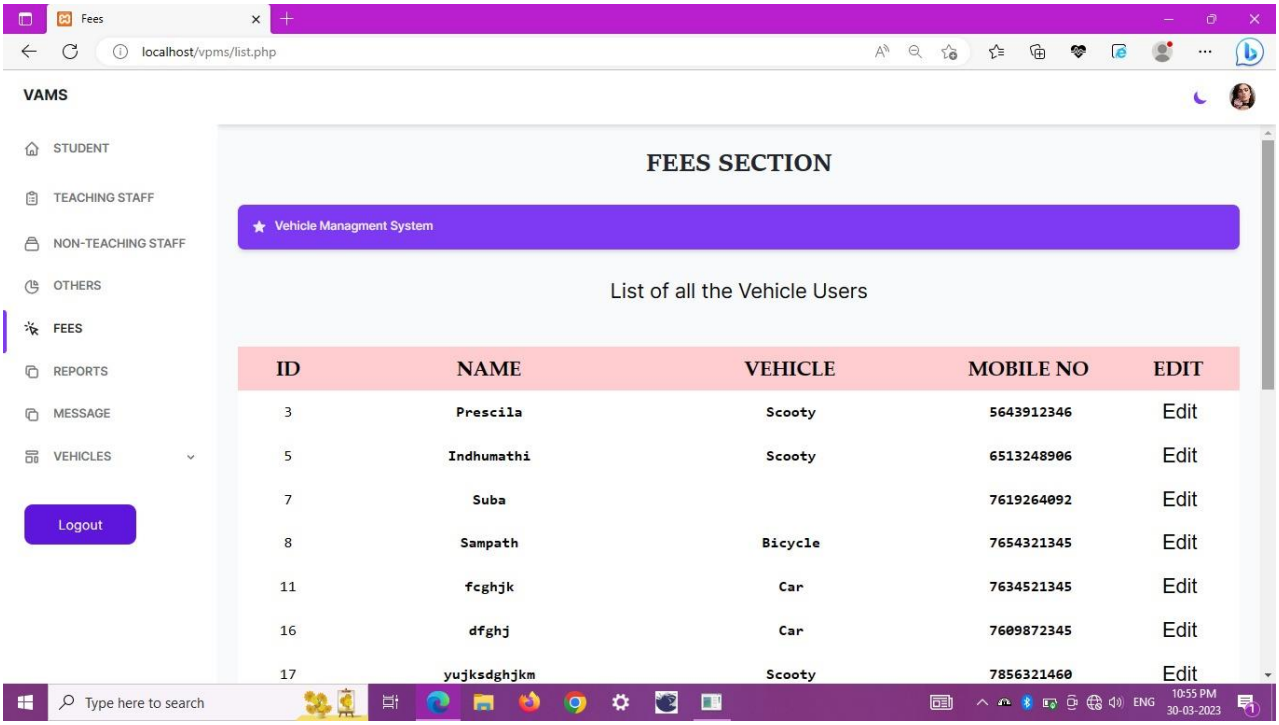

Responsiive Admin Dashboard |
localhost/vpms/duplicate%20vie.php
User
Dashboard
Notification
Log out
Dashboard
St.Mary's College(Autonomous)
NAME: UmaRani
VEHICLE NO: TN01AV1007
LICENSE: Yes
CATEGORY: Others
GENDER: Female
DEPARTMENT: Library
VEHICLE: Scooty
MOBILE NO: 8015700445
Type here to search
ENG
10:58 PM
30-03-2023

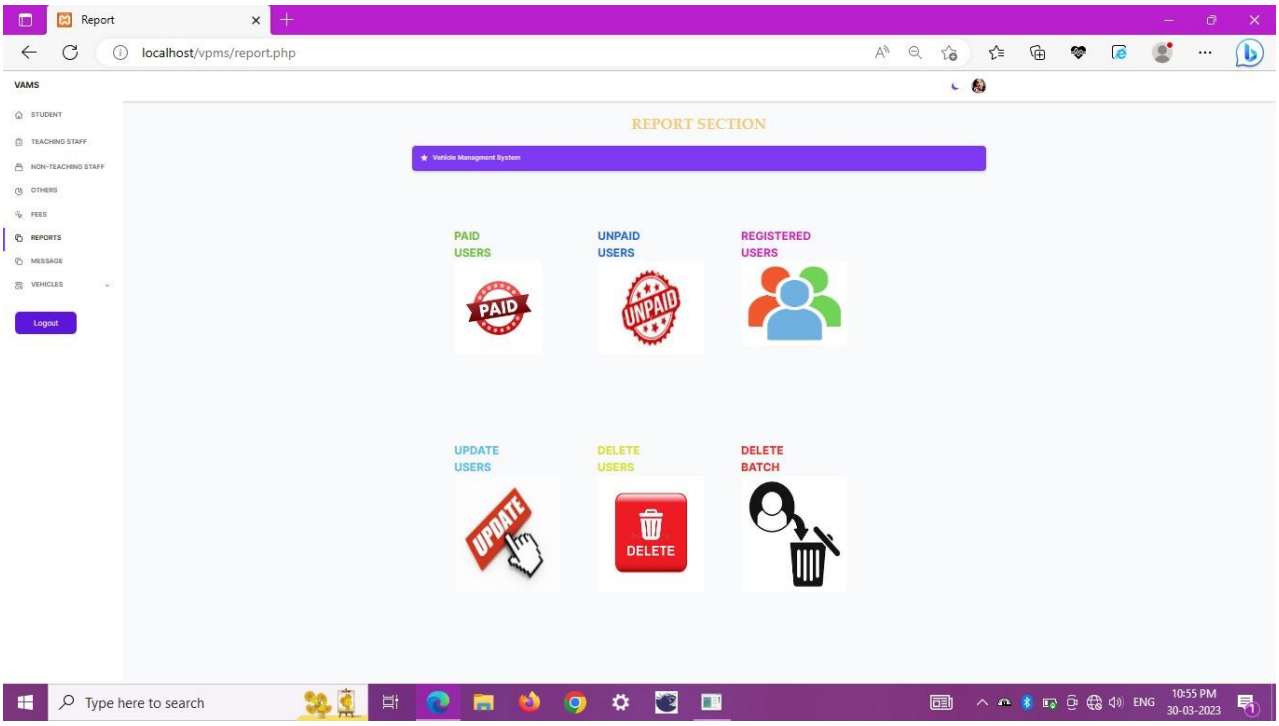

LOGIN FORM
localhost/vpms/login1.php
ADMIN LOGIN
*required field!
Email: admin1@gmail.com
Password:
submit
Type here to search
ENG
11:01 PM
30-03-2023

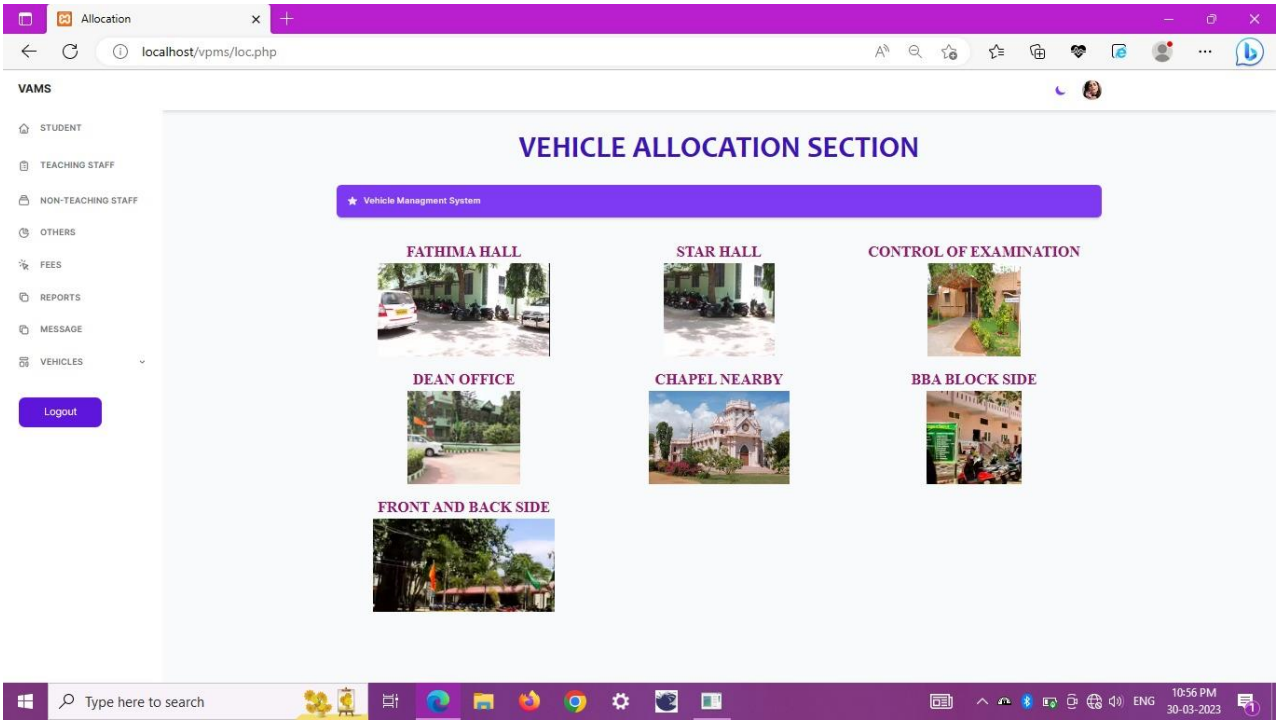

Dashboard
localhost/vpms/
VAMS
STUDENT
TEACHING STAFF
NON-TEACHING STAFF
OTHERS
FEES
REPORTS
MESSAGE
VEHICLES
Logout
ST.MARY'SCOLLEGE (AUTONOMOUS)
THOOTHUKUDI.
★ Vehicle Allocation Managment System
Type here to search
ENG
10:41 PM
30-03-2023


TEACHER
localhost/vpms/teach.php
VAMS
STUDENT
TEACHING STAFF
NON-TEACHING STAFF
OTHERS
FEES
REPORTS
MESSAGE
VEHICLES
Logout
TEACHER'S DETAILS
★ Vehicle Managment System
SELECT THE DEPARTMENT
DEPARTMENT: ----------SELECT----------
VIEW
Type here to search
ENG
10:42 PM
30-03-2023


NON TEACHERS
localhost/vpms/non.php
VAMS
STUDENT
TEACHING STAFF
NON-TEACHING STAFF
OTHERS
FEES
REPORTS
MESSAGE
VEHICLES
Logout
NON TEACHING STAFF
Vehicle Managment System
NAME EMAIL PLATE NO VEHICLE MOBILE NO
Ravi ravi@gmail.com TN56AF8943 Bicycle 6512905432
Sampath sampathkumar@gmail.com TN87RT6545 Bicycle 7654321345
sdfg rt@gmail.com 87hj6hvfhh Bike 6789987765
Type here to search
ENG
10:47 PM
30-03-2023


Fees
localhost/vpms/list.php
VAMS
STUDENT
TEACHING STAFF
NON-TEACHING STAFF
OTHERS
FEES
REPORTS
MESSAGE
VEHICLES
Logout
FEES SECTION
Vehicle Managment System
List of all the Vehicle Users
ID NAME VEHICLE MOBILE NO EDIT
3 Prescila Scooty 5643912346 Edit
5 Indhumathi Scooty 6513248906 Edit
7 Suba 7619264092 Edit
8 Sampath Bicycle 7654321345 Edit
11 fcghjk Car 7634521345 Edit
16 dfghj Car 7609872345 Edit
17 yujksdghjkm Scooty 7856321460 Edit
Type here to search
ENG
10:55 PM
30-03-2023


Report
localhost/vpms/report.php
VAMS
STUDENT
TEACHING STAFF
NON-TEACHING STAFF
OTHERS
FEES
REPORTS
MESSAGE
VEHICLES
Logout
REPORT SECTION
Vehicle Managment System
PAID USERS
UNPAID USERS
REGISTERED USERS
UPDATE USERS
DELETE USERS
DELETE BATCH
PAID
UNPAID
UPDATE
DELETE
Type here to search
ENG
10:55 PM
30-03-2023


Allocation
localhost/vpms/loc.php
VAMS
STUDENT
TEACHING STAFF
NON-TEACHING STAFF
OTHERS
FEES
REPORTS
MESSAGE
VEHICLES
Logout
VEHICLE ALLOCATION SECTION
Vehicle Managment System
FATHIMA HALL
STAR HALL
CONTROL OF EXAMINATION
DEAN OFFICE
CHAPEL NEARBY
BBA BLOCK SIDE
FRONT AND BACK SIDE
Type here to search
ENG
10:56 PM
30-03-2023

10.2. SAMPLE CODING

//login.php

```
<html>
<head>
<title>user login</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
<style>
.blink {
        animation: blinker 1.5s linear infinite;
        color: purple;
        font-family: Microsoft YaHei UI;

      }
      @keyframes blinker {
        50% {
          opacity: 0;
        }
      }
</style>
</head>
<body background="9.jpg">
<?php
    if(isset($_POST['view'])) {
      $dbhost = 'localhost';
      $dbuser = 'root';
      $dbpass = '';
      $conn = mysql_connect($dbhost, $dbuser, $dbpass);
       if(! $conn ) {
        die('Could not connect: ' . mysql_error());
      }
      $sql = "select * from  student   where  email =  '$email' "  ;
      mysql_select_db('my_hello');
      $retval = mysql_query( $sql, $conn );

      if(! $retval ) {
        die(' Data is not available : ' . mysql_error());
      }
      echo "Viewed  data successfully\n";
      mysql_close($conn);
    }else {
      ?>
<form method = "post" action = "duplicate vie.php"><br>
<center><font face="Comic Sans MS" color="#982376" size="17">St.Mary's
College(Autonomous)</font><br><br>
<font face="Gabriola" size="17"color="693756"><b>Vehicle management
system</b></font></center>
<br>
```

```
<center><font size="6">LOGIN FORM</font></center><br>
<marquee class="blink" direction="left" height="50px" color="white">If you have an account LOGIN Here or click the Register to create your account.</marquee>
<font color='' size='5'><center>Enter Email ID:<input name = "email" type = "text" style="height:35px;font-size:18pt;width:350px;" id = "email" required="">
</center></font><br><br>
<font color='' size='5'><center> Enter Password: <input name = "password" type = "password" style="height:35px;font-size:18pt;width:350px;" id = "password" required="">
</center></font><br><br>
<center><input type="submit" class="btn btn-primary" name="login" style="height:45px;width:120px;font-size:22pt;font-size:22pt;background-color:green;
border-color:green; color:white" value="submit"><br><br>
<font color="" size='5'> You don't have account?<a href="registration.php" class="mt-3"><font color="#d291d6">REGISTER NOW</a>
</form>
<?php
      }
    ?>
</body>
</html>

//login1.php
<?php
session_start();
require_once "db.php";

if(isset($_SESSION['user_id'])!="")
 {
   header("Location: index.html");
}

if (isset($_POST['login']))
 {
   $email = mysqli_real_escape_string($conn, $_POST['email']);
   $password = mysqli_real_escape_string($conn, $_POST['password']);

    if(!ereg('^([a-z0-9]+)([\.a-z0-9]+)@([a-z0-9]+)(\.[a-z0-9]+)+$',$email))
     {
         $email_error = "Please Enter Valid Email ID <br>format:admin@gmail.com";
     }
   if($password!=$cpassword)
    {
      $password_error = "Incorrect password!";
   }
   $result = mysqli_query($conn, "select * from admin where email = '" . $email. "' and password = '" .($password). "'");
  if(!empty($result))
   {
      if ($row = mysqli_fetch_array($result))
       {
         $_SESSION['user_email'] = $row['email'];
         $_SESSION['user_mobile'] = $row['mobile'];
```

```
          header("Location: index.html");
        }
    }
   else
    {
       $error_message = "Incorrect Email or Password!!!";
        echo $error_message;
     }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
<style>
.error{color:#e53731;}
.button {
  background-color: #434570;
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  border-radius: 8px;
}
</style>
<title>LOGIN FORM </title>
</head>
<body background="1.jpg">
<div class="container">
<div class="row">
<div class="col-lg-10">
<div class="page-header">
<br><br>
<center><h1><font color="#762435">ADMIN LOGIN</font></h1></center>
<center><img src="logo.jpg" width="150" height="150"></center>
</div>
<center><font color="red"><p><h3>*required field!</h3></font></p></center>
<form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>"
method="post">
<div class="form-group ">
<center><label><h2>
<font color="black">Email:</font>
</label><span class="error">
<input type="email" name="email" class="form-control" value="" size="30"
style="height:30px;font-size:18pt;width:400px;" maxlength="30" required="">*<br><br>
<span class="text-danger"><?php if (isset($email_error)) echo "<h4>";echo $email_error;
?></span>
</div>
<div class="form-group">
```

```
<center><label><h2><font color="black">Password:</font></label><span class="error">
<input type="password" name="password" class="form-control" value=""
style="height:30px;font-size:18pt;width:400px;" maxlength="30" required="">*<br><br>
<span class="text-danger"><?php if (isset($password_error)) echo $password_error;
?></span>
</div>
<center><input type="submit" class="button" name="login"  value="submit"><br><br>
</form>
</div>
</div>
</div>
</body>
</html>

//registration.php
<?php
require_once "db.php";

if (isset($_POST['signup']))
{
 $conn = mysql_connect($servername, $username, $password);
  if(! $conn )
  {
   die('Could not connect: ' . mysql_error());
 }
 if(! get_magic_quotes_gpc() )
 {
$name = addslashes($_POST['name']);
$email = addslashes($_POST['email']);
$plateno = addslashes( $_POST['plateno']);
$license = addslashes( $_POST['license']);
$degree = addslashes($_POST['degree']);
$mode = addslashes($_POST['mode']);
$batch = addslashes($_POST['batch']);
$gender = addslashes($_POST['gender']);
$department = addslashes( $_POST['department']);
$vehicle = addslashes($_POST['vehicle']);
$mobile = addslashes($_POST['mobile']);
$password = addslashes($_POST['password']);
$cpassword = addslashes( $_POST['cpassword']);
$category=addslashes($_POST['category']);
}
else
{
$name =($_POST['name']);
$email= ( $_POST['email']);
$plateno = ($_POST['plateno']);
$license = ($_POST['license']);
$degree = ($_POST['degree']);
$batch = ($_POST['batch']);
$gender =  ($_POST['gender']);
$mode = ($_POST['mode']);
$department= ($_POST['department']);
```

```
$vehicle =  ($_POST['vehicle']);
$mobile = ($_POST['mobile']);
$password = ( $_POST['password']);
$cpassword =  ($_POST['cpassword']);
$category=($_POST['category']);

if(!ereg('^([a-z0-9]+)([\.a-z0-9]+)@([a-z0-9]+)(\.[a-z0-9]+)+$',$email)) {
$email_error = "Please Enter Valid Email ID";
}
if(strlen($password) < 6) {
$password_error = "Password must be minimum of 6 characters";
}

if($password != $cpassword) {
$cpassword_error = "Password and Confirm Password doesn't match";
}
else if($retval="TRUE")
{
mysql_select_db('my_hello');
$sql= "INSERT INTO user".
"(name,email,plateno,license,degree,batch,mode,category,gender,department,vehicle,mobile,
password) ". "VALUES('$name','$email','$plateno','$license',
'$degree','$batch','$mode','$category','$gender','$department','$vehicle','$mobile','$passwor
d')";
$retval = mysql_query( $sql,$conn);

echo"<script language='javascript'>
                document.location.href='login.php';
                </script>";
?>

<?php
}
 else  if($retval="FALSE")
 {
die('Could not enter data: ' . mysql_error());
exit();
}
}
mysql_close($conn);
}
?>

<center>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title> Registration Form </title>
<style>
.button{
background-color: #4CAF50;
  border: none;
```

```
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  cursor: pointer;
}
</style>
<link  rel="stylesheet">
</head>
<body background="13.jpg">
<div class="container">
<div class="row">
<div class="col-lg-8 col-offset-2">
<div class="page-header">
<h1><font color="blue" size="15">VEHICLE MANAGEMENT SYSTEM</font></h1>
<h2><font color="brown" size="13">Registration Form</font></h2>
</div>
<p><font color="red" size="5">Please fill all fields in the form</font></p><br>
<form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>"
method="post">
<div class="form-group">
<label><font face="Sylfaen" size="5"> NAME:<font size="6"
color="red">*</font></label>
<input type="text" name="name" class="form-control" pattern="[A-Za-z]{1,}"
title="Name must contain only alphabetes" value="" style="height:35px;font-
size:16pt;width:350px;" required="">
</div><br>
<div class="form-group ">
<label> EMAIL: <font size="6" color="red">*</font></label>
<input type="email" name="email" class="form-control" value=""
style="height:35px;font-size:16pt;width:350px;" required="">
<span class="text-danger"><?php if (isset($email_error)) echo $email_error; ?></span>
</div><br>
<div class="form-group "><center>
                CATEGORY:<font size="6" color="red">*</font>
<select name="category" style="width: 350px; height:35px;font-size:16pt;">
                                <option>----------Choose----------</option>
<option>Student</option>
<option>Teacher</option>
<option>Non Teaching Staff</option>
<option>Others</option>
</select>
</center></div><br>
<div class="form-group "><center>
                BATCH:<font size="6" color="red">*</font>
<select name="batch"  style="width: 350px; height:35px;font-size:16pt;">
                                <option>----------Choose----------</option>
<option>2020-2023</option>
<option>2021-2024</option>
<option>2022-2025</option>
```

<option>2023-2026</option>
<option>None</option>
</select>

DEGREE:*
<select name="degree" style="width: 350px; height:35px;font-size:16pt;">
<option>----------Choose----------</option>
<option>UG</option>
<option>PG</option>
<option>Mphil</option>
<option>PHD</option>
<option>None</option>
</select>

MODE OF EDUCATION:*
<input type="radio" name="mode" value="regular" >Regular
<input type="radio" name="mode" value="ssc">Ssc
<input type="radio"name="mode" value="none">None

DEPARTMENT:*
<select name="department" style="width: 350px; height:35px;font-size:16pt;">
<option>----------Choose----------</option>
<option>Tamil</option>
<option>Tamil(ssc)</option>
<option>English</option>
<option>English(ssc)</option>
<option>French</option>
<option>History</option>
<option>Mathematics</option>
<option>Mathematics(ssc)</option>
<option>ComputerScience</option>
<option>ComputerScience(ssc)</option>
<option>Chemistry</option>
<option>Chemistry(ssc)</option>
<option>History</option>
<option>Commerce</option>
<option>Commerce(ssc)</option>
<option>MHRM(ssc)</option>
<option>Economics</option>
<option>Economics(ssc)</option>
<option>Physics</option>
<option>Physics(ssc)</option>
<option>Botany</option>
<option>Zoology</option>
<option>Microbiology(ssc)</option>
<option>Psychology(ssc)</option>
<option>Business Administration(ssc)</option>
<option>Physical Education</option>
<option>Library</option>

```
<option>None</option>
</select>
</center></div><br>s
<div class="form-group "><center>
                GENDER: <font size="6" color="red">*</font>
<input type="radio" name="gender"  value="Male" >Male
<input type="radio" name="gender"  value="Female">Female
<input type="radio" name="gender"  value="Other">Other
</center></div><br>
<script>
function verifyAnswer() {
//get the selected value from the dropdown list
var mylist = document.getElementById("vehicle");
var result = mylist.options[mylist.selectedIndex].text;
  if (result == 'Bicycle') {
    //disable all the radio button
       document.getElementById("plateno").disabled = true;
      document.getElementById("license").disabled = true;
  } else {
    //enable all the radio button
    document.getElementById("plateno").disabled = false;
      document.getElementById("license").disabled = false;
  }
}
</script>



<div class="form-group "><center>
            VEHICLE:<font size="6" color="red">*</font>
<select id = "vehicle"  name="vehicle"  style="width: 350px; height:35px;font-
size:16pt;"onchange = "verifyAnswer()">
<option value="choose">-----------------Choose----------------- </option>
<option value="Bicycle">Bicycle</option>
<option value="Car">Car</option>
<option value="Scooty">Scooty</option>
<option value="Bike">Bike</option>
<option value="None" >None</option>
</select>
</center></div><br>

<div class="form-group "><center>
                LICENSE:<font size="6" color="red">*</font>
<input type="radio" id="license"  name="license" value="Yes" >Yes
<input type="radio" id="license"  name="license"  value="No">No
</center></div>
<br>
<div class="form-group ">
<label>VEHICLE NO:<font size="6" color="red">*</font></label>
<input  type="text"  id="plateno"  name="plateno"  pattern="[A-Z]{2}[0-9]{1,2}[A-
Z]{0,2}[0-9]{4}$"  title="Please enter the valid vehicle number" style="width: 350px;
height:35px;font-size:16pt;" class="form-control" value="" required="">
</div><br>
```

```
<div class="form-group">
<label>MOBILE NO: <font size="6" color="red">*</font></label>
<input type="text" name="mobile" class="form-control" pattern="[0-9]{10}" title="Please enter exactly 10 digits" value="" style="width: 350px; height:35px;font-size:16pt;" required="">
</div><br>
<div class="form-group">
<label>PASSWORD: <font color="red">*</font></label>
<input type="password" name="password" class="form-control" value="" style="width: 350px; height:35px;font-size:16pt;" required="">
<span class="text-danger"><?php if (isset($password_error)) echo $password_error; ?></span>
</div><br>
<div class="form-group">
<label>CONFIRM PASSWORD:<font size="6" color="red">*</font></label>
<input type="password" name="cpassword" class="form-control" value="" style="width: 350px; height:35px;font-size:16pt;" required="">
<span class="text-danger"><?php if (isset($cpassword_error)) echo $cpassword_error; ?></span>
</div><br><br>
<center><input type="submit" class="button" name="signup" value="submit"><font size="5">Already have a account?</font><a href="login.php" class="btn btn-default">Login</a></center><br><br><br>
</center>
</form>
</div>
</div>
</div>
</body>
</html>

//fees1.php
<style>
.btn {
  background-color: #4CAF50;
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 19px;
  margin: 4px 2px;
  cursor: pointer;
  border-radius: 12px;
}
.button {
  background-color: #B811C4;
  border: none;
  color: white;
  padding: 15px 13px;
  text-align: center;
  text-decoration: none;
```

```
  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  cursor: pointer;
  border-radius: px;
}
</style>

<form action="fees.php" method="post">

<input type="button" value="Back" class="btn" onclick="history.back()">

<center>
<font face="MV Boli"color="#459123"  size="10">PAYMENT </font>
</center>


<table border='5' width='100%' height='20%' align='center'>
<tr>

<th width="300"><font size="6">Name</font></th>

<th width="200"><font size="6">Batch</font></th>

<th width="200"><font size="6">Degree</font></th>

<th width="300"><font size="6">Department</font></th>

<th width="200"><font size="6">Vehicle No</font></th>

<th width="200"><font size="6">Status</font></th>

<th  width="200"><font size="6">Action</font></th>

</tr>
<?php
mysql_connect("localhost", "root", "")or die(mysql_error());
mysql_select_db("my_hello");
$search=mysql_query("      SELECT    name,batch,degree,department,plateno    from  user
where mobile='". $_GET["mobile"] ."'") or die (mysql_error());
while($row=mysql_fetch_array($search))
{
$a=$row['name'];
$b=$row['batch'];
$c=$row['degree'];
$d=$row['department'];
$e=$row['plateno'];
$status=$row['status'];
?>
<tr>
```

```
<td><font face="Gabriola" size="6"><input type="text" name="name" style="text-align:center;width: 350px; height:100px;font-size:16pt;" value="<?php echo $a?>" readonly></center></font></td>

<td><font face="Gabriola" size="6"><center><input type="text" name="batch" style="text-align:center;width: 200px; height:100px;font-size:16pt;" value="<?php echo $b?> "readonly></center></font></td>

<td><font face="Gabriola" size="6"><center><input type="text" name="degree" style="text-align:center;width: 200px; height:100px;font-size:16pt;" value="<?php echo $c?> "readonly></center></font></td>

<td><font face="Gabriola" size="6"><center><input type="text" name="department" style="text-align:center;width: 300px; height:100px;font-size:16pt;" value="<?php echo $d?> "readonly></center></font></td>

<td><font face="Gabriola" size="6"><center><input type="text" name="plateno" style="text-align:center;width: 200px; height:100px;font-size:16pt;" value="<?php echo $e?> "readonly></center></font></td>

<td><center><select name="status" style="width: 100px; height:50px;font-size:16pt;">
<option><font face="Gabriola" size="6">Paid</font></option>
<option><font face="Gabriola" size="6">Unpaid</font></option>
</center></font></td>
<td><center><input type="submit" name="Submit" class="button" value="SUBMIT" style="width: 100px; height:50px;font-size:16pt;" ></center></td>
</tr>
<?php
$nombor++;
}
?>
</center>
</table>
<center>
<label>
</label>
</center>
</form>

//dean.php
<html>
<style>
.button {
  background-color: #EE8D6A;
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 19px;
  margin: 4px 2px;
  cursor: pointer;
```

```
  border-radius: 12px;
}
</style>


<body>


<input type="button" value="Back" class="button" onclick="history.back()">
<font color='orange' size='10'><center><i>Dean Office</i></font></center>
</body>
</html>
<?php
// creating a connection by passing server name,
// username, password and database name
// servername=localhost
// username=root
// password=empty
// database name= geeks_database
$connection_link = new mysqli("localhost", "root", "","my_hello");

if ($connection_link === false) {
                                die("ERROR: Not connected. ".$connection_link-
>connect_error);
}

//sql query to perform copying data from one table to another
$sql_query = "insert ignore into dean select id,name,plateno,vehicle ,department,category
from user where department='Mathematics' or department= 'Physics' or
department='ComputerScience' LIMIT 8 ";

if ($connection_link->query($sql_query)=== true)
{

        echo "<h2><font color='green'><center></center></font></h2>";
}



// Close the connection
$connection_link->close();
?>



<?php
 echo "  <font color='red' size='5'><left>Total  location can be allocated :
20<br><br></left></font>";
?>
<?php
$connect=mysql_connect("localhost","root") or die("Could not connect in localhost!");
$result=mysql_selectdb("my_hello") or die("Could not select connection database!");
$sqlquery=mysql_query("select * from dean");
```

```
$num=mysql_num_rows($sqlquery);
$abc=8-$num;
if($num>=8)
{
  echo "<script>alert('Sorry no space available');</script>";
}
else{ echo "sdf";}
 printf( "<left><font color='#765678' size='5'>Number of location allocated: %d \n </font></left><br><br>",$num );
 printf("<left><font color='#21B04C' size='5'>Remaining spaces : %d \n </font></left>", $abc);


?>
<?php
$connect=mysql_connect("localhost","root") or die("Could not connect in localhost!");
$result=mysql_selectdb("my_hello") or die("Could not select connection database!");
$sqlquery="select  * from  dean";
$queryresult=mysql_query($sqlquery) or die("Could not execute mysqlquery!");
echo "<br><br><center><font face='Mongolian Baiti' color='#003333' size='6' > Department : Computer Science, Mathematics, Physics </center></font><br><br>";
echo "<table border='5' width='70%' align='center' cellpadding='7' cellspacing='7'>";
echo "<tr>\n";
echo "<td bgcolor='#7D3776' width='8%'><font color='white' face='Segoe Script' size='4'><center><b> ID</b></td>";
echo "<td bgcolor='#7D3776' width='20%'><font color='white' face='Segoe Script' size='4'><center><b>NAME</b></td>";
echo "<td bgcolor='#7D3776' width='20%'><font color='white' face='Segoe Script' size='4'><center><b>DEPARTMENT</b></td>";
echo "<td bgcolor='#7D3776' width='20%'><font color='white' face='Segoe Script' size='4'><center><b>VEHICLE TYPE</b></td>";
echo "<td bgcolor='#7D3776' width='20%'><font color='white' face='Segoe Script' size='4'><center><b>VEHICLE NO</b></td>";
echo "<td bgcolor='#7D3776' width='20%'><font color='white' face='Segoe Script' size='4'><center><b>CATEGORY</b></td>";
echo "</tr>";
while($data=mysql_fetch_array($queryresult))
{
echo "<tr>";
echo "<td bgcolor='86ECE9' width='8%'><font face='Gadugi' size='4'>".$data['ID']."</td>";
echo "<td bgcolor='D2F0EF' width='20%'><font face='Gadugi' size='4'>".$data['name']."</td>";
echo "<td bgcolor='86ECE9' width='20%'><font face='Gadugi' size='4'>".$data['department']."</td>";
echo "<td bgcolor='D2F0EF' width='20%'><font face='Gadugi' size='4'>".$data['vehicletype']."</td>";
echo "<td bgcolor='86ECE9' width='20%'><font face='Gadugi' size='4'>".$data['vehicleno']."</td>";
echo "<td bgcolor='D2F0EF' width='20%'><font face='Gadugi' size='4'>".$data['category']."</td>";
echo "</tr>\n";
}
```

```
echo "</table>";
?>

//mes.php
<style>
.btn {
  background-color: #4CAF50;
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 19px;
  margin: 4px 2px;
  cursor: pointer;
  border-radius: 12px;
}
.button {
  background-color: #B811C4;
  border: none;
  color: white;
  padding: 15px 13px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  cursor: pointer;
  border-radius: px;
}
</style>

<form action="mess.php" method="post">
<input type="button" value="Back" class="btn" onclick="history.back()">
<center>
<font face="MV Boli"color="#459123"  size="10">FEEDBACK </font>
</center>
<?php
mysql_connect("localhost", "root", "")or die(mysql_error());
mysql_select_db("my_hello");
$search=mysql_query("   SELECT   email   from user where mobile='". $_GET["mobile"]
."'") or die (mysql_error());
while($row=mysql_fetch_array($search))
{
$a=$row['email'];
$b=$row['comments'];
?>
<table border='5' width='50%' height='20%' align='center'>
<tr>
<th width="300"><font size="6">EMAIL</font></th>
```

```
<td><font face="Gabriola" size="6"><input type="text" name="email" style="text-align:center;width: 500px; height:100px;font-size:16pt;" value="<?php echo $a?>"></center></font></td>
</tr>
<tr>
<th width="200"><font size="6">MESSAGE</font></th>
<td><font face="Gabriola" size="6"><center><input type="textarea" name="comments" style="text-align:center;width: 500px; height:100px;font-size:16pt;" value="<?php echo $b?> "></center></font></td>
</tr>
<tr>
<th width="200"><font size="6">ACTION</font></th>
<td><center><input type="submit" name="Submit" class="button" value="SEND" style="width: 100px; height:50px;font-size:16pt;" ></center></td>
</tr>
<?php
$nombor++;
}
?>
</center>
</table>
<center>
<label>
</label>
</center>
</form>
```

Project work on

"BEAUTY PARLOUR MANAGEMENT SYSTEM"

Project submitted to the Department of Computer Science

St. Mary's College (Autonomous), Thoothukudi

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

Affiliated to

ManonmaniamSundaranar University, Tirunelveli

For the Partial Fulfilment of the requirement for the award of degree in
Bachelor of Computer Science



Submitted by

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We also thank all our friends and team members who helped us to complete this project work successfully.

ABSTRACT

BPMS is a well-recognized and reputed parlour.This system will provide the functionalities of manage parlour details, day by day bookings,reports such as employee's salary report, product report, bookingreport etc and also manage service, billing, manage employee details, manage customer details and manage notification. This system will help toimprovethe efficiency of the parlour. The system provides a ease to use interface. The system will provide simple user friendly interface which will help them to make quick and reliable service to their customers.

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INTRODUCTION

1. INTRODUCTION

Day by day modern beauty culture is getting rapidly popular among the peoples, especially among young men and woman. Also they are having a habit of preferring easy appointments for beautification .So the parlour owners are eager to provide their services at its best to the customers for make sure they are remains with parlour as long as.

The online system of booking appointment will attracts the users
As they know the appointment time and the availability of beautician at the home and that reduce the unwanted travel time of the customer.

1.1PROJECT OVERVIEW

Beauty Parlour Management System is a website that managed the appointment of the customer.This website system is connects the users & beauty parlours through online platform.Users can give review of the Beauty Parlour and can also book the appointments.

The system has two panels 1st Admin Panel & 2ndUser Panel. The user can make appointment on the user website and the admin of parlour thereforeapproves the appointment based on their availability. All activities of creating appointment like choose service, date, time are going to be record in the database for the events.

Payments can be made by cash or online ways.This system is also ask customers for their feedback after the service is provided with improved services. It provides its customer a platform to assign choices for a great parlour for prepare

1.1 OBJECTIVE

To promote, encourage, establish, provide, maintain, conduct, operate, organise and run beauty parlours and to do business as beautician, manicuristics, hair dye, makers and suppliers of all kinds of wigs and to conduct classes, seminars, demonstrations, education and training programmes to attain the main objects of the parlour.

SYSTEM ANALYSIS

2.SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

The present system of Beauty parlour system is a

Direct way of booking appointments. The customers go directly to the parlour for beautification. The main disadvantage of the user is that

If the beauticians are not available they waste their time in travelling

And on the admin side they lack customers due to unavailability of the service providers. The parlour staffs are unaware of the future appointments.

2.2 PROPOSED SYSTEM

This project will provide an end to end solution for easy to use Beauty Parlour Management System application. The Beauty Parlour Management web application enables the head user to keep track of the overall details and results in details of their user based on their requirements that are choose themselves and enables them to generate reports from the given data at case. Using the data from the user, database values are generated, which are later converted to 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.
- Responsive Design.
- Platform Independent.
- Secure Environment.
- Latest Technology.
- Instant response.
- Interactive dashboard.
- Providers dashboard available.
- Enhancement 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 : HTML, CSS

BACK END : PHP

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 user's 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 .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 manageyour databases easily.

HTML :

The Hyper Text Markup language or HTML is the standard markup language for documents designed to displayed in a web browser. It can be assisted by technologies such as cascading Style Sheet (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 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 are 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 behaviour 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 language used for describing the presentation of the documents written in a markup language such as HTML, CSS is a cornerstone technology of the World Wide Web, alongside HTML and a JavaScript.

CSS is designed to enable the separation of presentation and content including layouts, 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 enable 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 ECMA Script specification. JavaScript is a high-level, often just in time complied 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 behaviour 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 general – purpose scripting language especially suited to web development. It was created by Danish – Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementations are now produced by the PHP group. PHP originally stood for Personal Home Page but it is 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 demon 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 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 the web pages, a user must have a web browser installed.

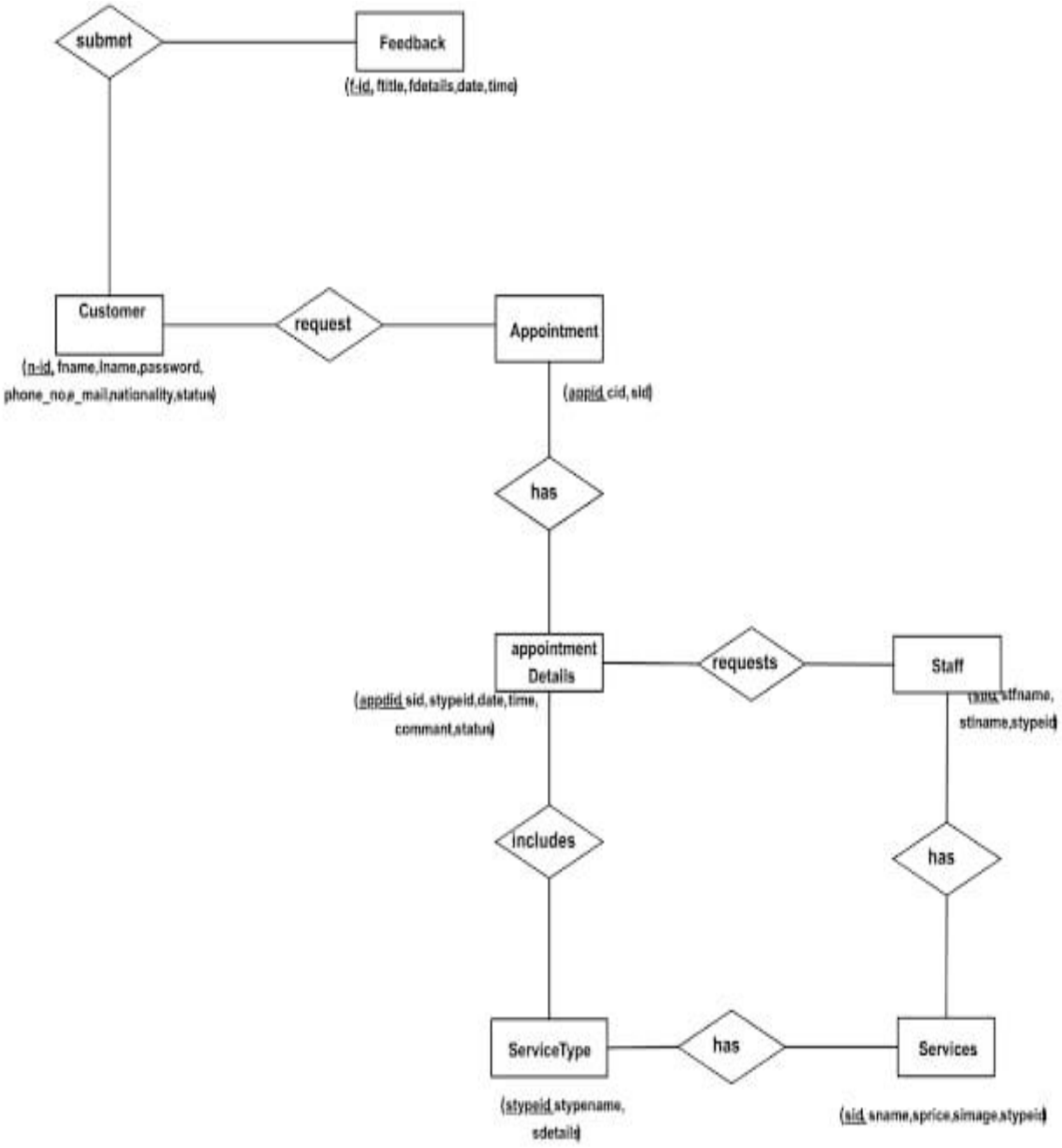
Web Browsers are used a range of devices, including desktops, laptops, tablets and smartphones. In 2020, an estimated 4.9 billion people used a browser, with more than half of them in Asia.

The most used browser in Google Chrome with 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:admin

Field Name	Type	Description
ID	INT	Unique ID
Admin Name	CHAR	Name of Admin
User Name	CHAR	Name of Users
Mobile Number	BIGINT	User mobile no
Email	VARCHAR	User email
Password	VARCHAR	User password
AdminRegDate	TIMESTAMP	Date of register

Table name: user

Field Name	Type	Description
ID	INT	Unique ID
First Name	CHAR	Name of Admin
Last Name	CHAR	Name of Users
Mobile Number	BIGINT	User mobile no
Email	VARCHAR	User email
Password	VARCHAR	User password
AdminRegDate	TIMESTAMP	Date of register

Table name: booking

Field name	**Type**	**Description**
ID	INT	Unique ID
UserID	INT	Unique User ID
AptNumber	INT	Appointment no
AptDate	DATE	Appointment date

AptTime	TIME	Appointment time
Message	MEDIUMTEXT	Service needed
BookingDate	TIMESTAMP	Date of Booking
Remark	VARCHAR	Review
Status	VARCHAR	Active
RemarkDate	TIMESTAMP	Review date

Table name: service

Field Name	Type	Description
ID	INT	Unique ID
Service Name	VARCHAR	Name of Service
Service Description	MEDIUMTEXT	Description of service
Cost	INT	Cost of service
Image	VARCHAR	Service Image
Creation Date	TIMESTAMP	Date of service started

Table Name: invoice

Field Name	Type	Description
ID	INT	Unique ID
User ID	INT	Users ID
Service ID	INT	Id of Service
Billing ID	INT	Bill Id
Posting Date	TIMESTAMP	Current Date

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 computerised 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 a 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 are 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. 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 operator's role. If implementation involves a production process of 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 a system element conforming to the eliminated design properties and requirements. The element is constructed employing appropriatetechnologies and industry practices. This process bridges the system definition processes and the integration process.

1. Verification Testing

It 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.

2. 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

3. Audit Testing

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

4. Unit Testing

An activity unit test is an excellent way to quickly verify the state of an activity and its interaction 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 a correct layout or it triggers the intent object correctly.

5. 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.

5.3 SYSTEM MAINTENANCE

The term “Software Maintenance” is used to describe software engineering 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 Beauty Parlour Management System but also much work remains. We see a variety of options. Libraries that expect to work with their automation system and not become involved in local extensions or programming will find that the majority 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 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 notification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at any time with more advanced features. The system of accepting appointments will become fully automated. Online payment system and appointment status will be sent to the mobile number. The appointment Booking will be automated based on the availability of staff working in the parlour.

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

BIBLIOGRAPHY

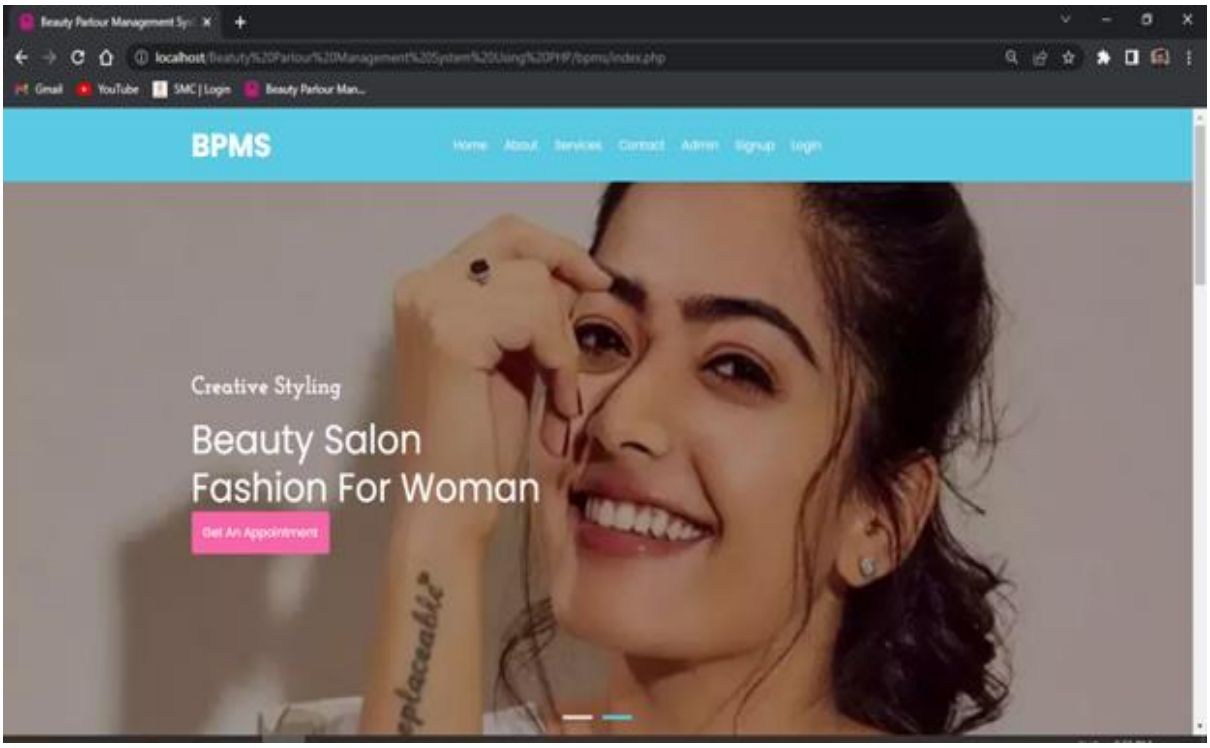
9. BIBLIOGRAPHY

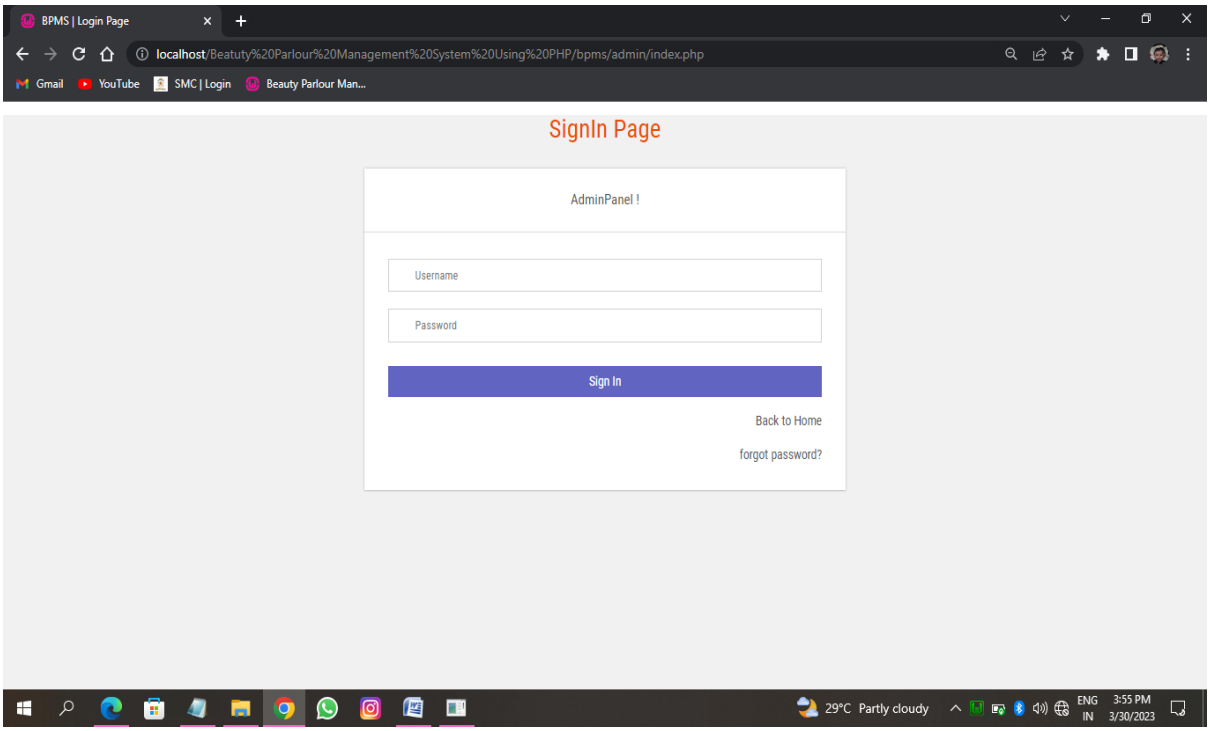
Web Reference:

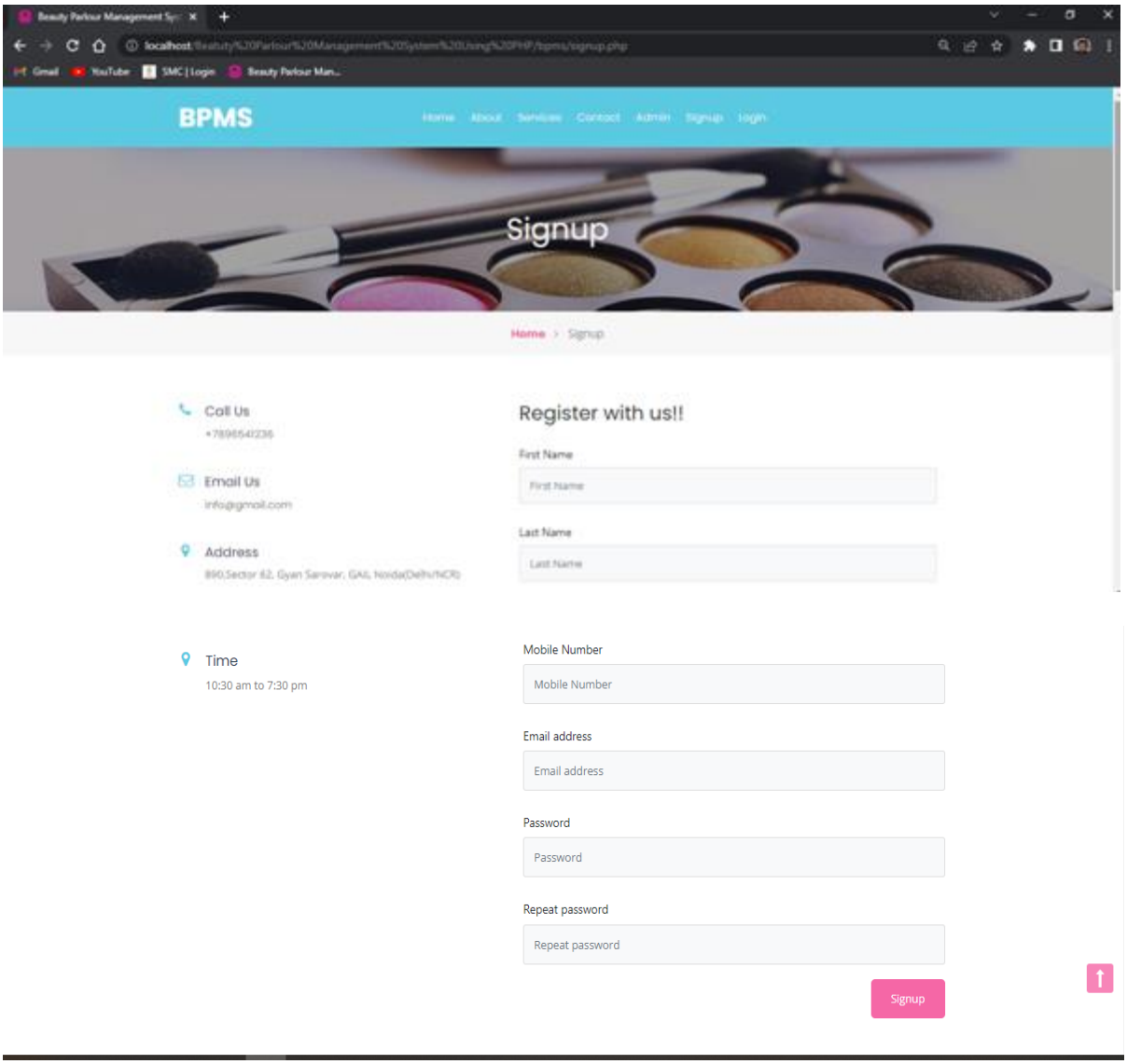
1. https://medium.com
2. https://www.reddit.com/
3. https://discord.com/
4. https://code.visualstudio.com/
5. https://forum.wampserver.com/
6. https://www.w3schools.com

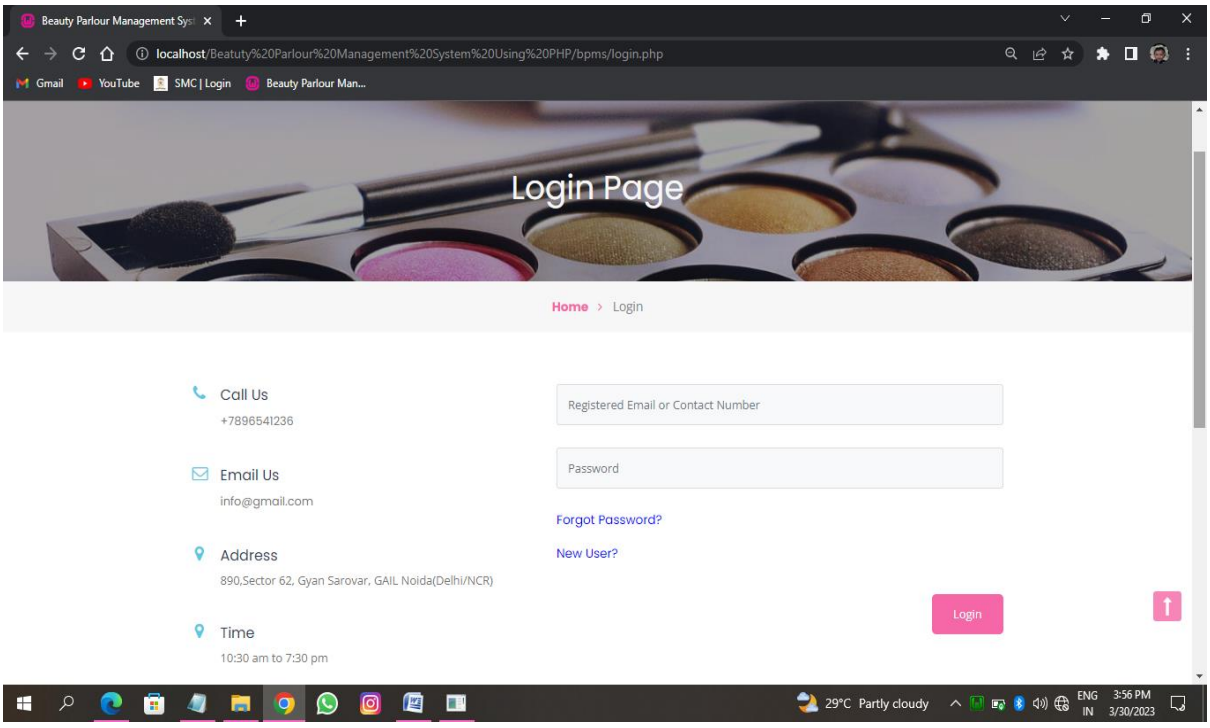
APPENDIX

10. APPENDIX


BPMS
Home
About
Services
Contact
Admin
Signup
Login
Creative Styling
Beauty Salon
Fashion For Woman
Get An Appointment


BPMS | Login Page
localhost/Beauty%20Parlour%20Management%20System%20Using%20PHP/bpms/admin/index.php
Gmail
YouTube
SMC | Login
Beauty Parlour Man...
SignIn Page
AdminPanel !
Username
Password
Sign In
Back to Home
forgot password?
29°C Partly cloudy
ENG
IN
3:55 PM
3/30/2023


BPMS
Home
About
Services
Contact
Admin
Signup
Login
Signup
Home › Signup
Call Us
+7896541236
Email Us
info@gmail.com
Address
890,Sector 62, Gyan Sarovar, GAIL Noida(Delhi/NCR)
Time
10:30 am to 7:30 pm
Register with us!!
First Name
First Name
Last Name
Last Name
Mobile Number
Mobile Number
Email address
Email address
Password
Password
Repeat password
Repeat password
Signup


Beauty Parlour Management Sys
localhost/Beatuty%20Parlour%20Management%20System%20Using%20PHP/bpms/login.php
Gmail
YouTube
SMC | Login
Beauty Parlour Man...
Login Page
Home › Login
Call Us
+7896541236
Email Us
info@gmail.com
Address
890,Sector 62, Gyan Sarovar, GAIL Noida(Delhi/NCR)
Time
10:30 am to 7:30 pm
Registered Email or Contact Number
Password
Forgot Password?
New User?
Login
29°C Partly cloudy
ENG
IN
3:56 PM
3/30/2023

SAMPLE CODING:

```
<?php
session_start();
error_reporting(0);
include ('includes/dbconnection.php');
if (strlen($_SESSION['bpmsuid']==0)) {
header ('location:logout.php');
} else{
if(isset($_POST['submit']))
{
$uid=$_SESSION['bpmsuid'];
$adate=$_POST['adate'];
$atime=$_POST['atime'];
$msg=$_POST['service'];
$aptnumber = mt_rand(1,30);
$query=mysqli_query($con,"insert into
tblbook(UserID,AptNumber,AptDate,AptTime,Message)
value('$uid','$aptnumber','$adate','$atime','$msg')");
if ($query) {
$ret=mysqli_query($con,"selectAptNumber from tblbook where
tblbook.UserID='$uid' order by ID desc limit 1;");
$result=mysqli_fetch_array($ret);
$_SESSION['aptno']=$result['AptNumber'];
echo "<script>window.location.href='thank-you.php'</script>";
}
else
{
echo '<script>alert("Something Went Wrong. Please try again")</script>';
}
}
?>
<!doctype html>
<html lang="en">
<head>
<title>Beauty Parlour Management System | Appointment Page</title>
<!-- Template CSS -->
```

```
<link rel="stylesheet" href="assets/css/style-starter.css">
<link
href="https://fonts.googleapis.com/css?family=Josefin+Slab:400,700,700i&disp
lay=swap" rel="stylesheet">
<link
href="https://fonts.googleapis.com/css?family=Poppins:400,700&display=swap
" rel="stylesheet">
<link
href="https://fonts.googleapis.com/css?family=Open+Sans&display=swap"
rel="stylesheet">
</head>
<body id="home">
<?phpinclude_once('includes/header.php');?>
<script src="assets/js/jquery-3.3.1.min.js"></script><!-- Common jquery plugin
-->
<!--bootstrap working-->
<script src="assets/js/bootstrap.min.js"></script>
<!-- //bootstrap working-->
<!-- disable body scroll which navbar is in active -->
<script>
$(function () {
$('.navbar-toggler').click(function () {
$('body').toggleClass('noscroll');
})
});
</script>
<!-- disable body scroll which navbar is in active -->
<!-- breadcrumbs -->
<section class="w3l-inner-banner-main">
<div class="about-inner contact ">
<div class="container">
<div class="main-titles-head text-center">
<h3 class="header-name ">
Book Appointment
</h3>
</div>
</div>
</div>
<div class="breadcrumbs-sub">
<div class="container">
<ul class="breadcrumbs-custom-path">
```

```
<li class="right-side propClone"><a href="index.php" class="">Home <span
class="fa fa-angle-right" aria-hidden="true"></span></a><p></li>
<li class="active ">
Book Appointment</li>
</ul>
</div>
</div>
</div>
</section>
<!-- breadcrumbs //-->
<section class="w3l-contact-info-main" id="contact">
<div class="contact-sec   ">
<div class="container">
<div class="d-grid contact-view">
<div class="cont-details">
<?php
$ret=mysqli_query($con,"select * from tblpage where PageType='contactus' ");
$cnt=1;
while ($row=mysqli_fetch_array($ret)) {
?>
<div class="cont-top">
<div class="cont-left text-center">
<span class="fa fa-phone text-primary"></span>
</div>
<div class="cont-right">
</div>
</div>
<div class="cont-top margin-up">
<div class="cont-left text-center">
<span class="fa fa-envelope-o text-primary"></span>
</div>
<div class="cont-right">
<h6>Email Us</h6>
<p class="para"><a href="mailto:example@mail.com" class="mail"><?php
echo $row['Email'];?></a></p>
</div>
</div>
<div class="cont-top margin-up">
<div class="cont-left text-center">
<span class="fa fa-map-marker text-primary"></span>
```

```
</div>
<div class="cont-right">
<h6>Address</h6>
<p class="para"><?php  echo $row['PageDescription'];?></p>
</div>
</div>
<div class="cont-top margin-up">
<div class="cont-left text-center">
<span class="fa fa-map-marker text-primary"></span>
</div>
<div class="cont-right">
<h6>Time</h6>
<p class="para"><?php  echo $row['Timing'];?></p>
</div>
</div>
<?php } ?></div>
<div class="map-content-9 mt-lg-0 mt-4">
<form method="post">
<div style="padding-top: 30px;">
<label>Appointment Date</label>
<input type="date" class="form-control appointment_date" placeholder="Date"
name="adate" id='adate' required="true"></div>
<div style="padding-top: 30px;">
<label>Appointment Time</label>
<input type="time" class="form-control appointment_time"
placeholder="Time" name="atime" id='atime' required="true"></div>

<div style="padding-top: 30px;">
<?php
$user = 'root';
$pass = '';
$db = 'bpmsdb';
$con = mysqli_connect("localhost", $user, $pass, $db);
$sql = "SELECT  `ServiceName` FROM `tblservices`;";
$service = mysqli_query ($con, $sql);
?>
<html>
<head>
</head>
Services:
```

```
<select Service='NEW'>


<option value="">--- Select ---</option>
<?php
while ($cat = mysqli_fetch_array(
$service,MYSQLI_ASSOC)):;
?>
<option value="<?php echo $cat['ServiceName'];
?>">
<?php echo $cat['ServiceName'];?>
</option>
<?php
endwhile;
?>
</select>
</body>
</html>
</div>
<button type="submit" class="btnbtn-contact" name="submit">Make an
Appointment</button>
</form>
</div>
</div>
</div></div>
</section>
<?phpinclude_once('includes/footer.php');?>
<!-- move top -->
<button onclick="topFunction()" id="movetop" title="Go to top">
<span class="fa fa-long-arrow-up"></span>
</button>
<script>
window.onscroll = function () {
scrollFunction()
};
function scrollFunction() {
if (document.body.scrollTop> 20 || document.documentElement.scrollTop> 20)
{
document.getElementById("movetop").style.display = "block";
} else {
document.getElementById("movetop").style.display = "none";
}
}
```

```
function topFunction() {




document.body.scrollTop = 0;
document.documentElement.scrollTop = 0;
}
$(function(){
var dtToday = new Date();
var month = dtToday.getMonth() + 1;
var day = dtToday.getDate();
var year = dtToday.getFullYear();
if(month < 10)
month = '0' + month.toString();
if(day < 10)
day = '0' + day.toString();
var maxDate = year + '-' + month + '-' + day;
$('#adate').attr('min', maxDate);
});</script>
<!-- /move top -->
</body>
</html><?php } ?>

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['bpmsaid']==0)) {
header('location:logout.php');
} else{
if($_GET['delid']){
$sid=$_GET['delid'];
mysqli_query($con,"delete from tblbook where ID ='$sid'");
echo "<script>alert('Data Deleted');</script>";
echo "<script>window.location.href='accepted-appointment.php'</script>";
}
?>
<!DOCTYPE HTML>
<html>
<head>
<title>BPMS || Accepted Appointment</title>
```

```
<script type="application/x-javascript">addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){
window.scrollTo(0,1); } </script>
<!-- Bootstrap Core CSS -->
<link href="css/bootstrap.css" rel='stylesheet' type='text/css' />



<!-- Custom CSS -->
<link href="css/style.css" rel='stylesheet' type='text/css' />
<!-- font CSS -->
<!-- font-awesome icons -->
<link href="css/font-awesome.css" rel="stylesheet">
<!-- //font-awesome icons -->
<!-- js-->
<script src="js/jquery-1.11.1.min.js"></script>
<script src="js/modernizr.custom.js"></script>
<!--webfonts-->
<link
href='//fonts.googleapis.com/css?family=Roboto+Condensed:400,300,300italic,
400italic,700,700italic' rel='stylesheet' type='text/css'>
<!--//webfonts-->
<!--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-->
<!-- Metis Menu -->
<script src="js/metisMenu.min.js"></script>
<script src="js/custom.js"></script>
<link href="css/custom.css" rel="stylesheet">
<!--//Metis Menu -->
</head>
<body class="cbp-spmenu-push">
<div class="main-content">
<!--left-fixed -navigation-->
<?phpinclude_once('includes/sidebar.php');?>
<!--left-fixed -navigation-->
<!-- header-starts -->
<?phpinclude_once('includes/header.php');?>
<!-- //header-ends -->
<!-- main content start-->
```

```
<div id="page-wrapper">
<div class="main-page">
<div class="tables">
<h3 class="title1">Accepted Appointment</h3>


<div class="table-responsive bs-example widget-shadow">
<h4>New Appointment:</h4>
<table class="table table-bordered"><thead><tr><th>#</th><th> Appointment Number</th><th>Name</th><th>Mobile Number</th><th>Appointment Date</th><th>Appointment Time</th>
<th>Status</th><th>Action</th></tr></thead><tbody>
<?php
$ret=mysqli_query($con,"select tbluser.FirstName,tbluser.LastName,tbluser.Email,tbluser.MobileNumber,tblbook.ID as bid,tblbook.AptNumber,tblbook.AptDate,tblbook.AptTime,tblbook.Message,tblbook.BookingDate,tblbook.Status from tblbook join tbluser on tbluser.ID=tblbook.UserID where tblbook.Status='Selected'");
$cnt=1;
while ($row=mysqli_fetch_array($ret)) {
?>
<tr><th scope="row"><?php echo $cnt;?></th><td><?php  echo $row['AptNumber'];?></td><td><?php  echo $row['FirstName'];?><?php  echo $row['LastName'];?></td><td><?php  echo $row['MobileNumber'];?></td><td><?php  echo $row['AptDate'];?></td><td><?php  echo $row['AptTime'];?></td><?php if($row['Status']==""){ ?>
<td class="font-w600"><?php echo "Not Updated Yet"; ?></td>
<?php } else { ?>
<td><?php  echo $row['Status'];?></td><?php } ?>
<td><a href="view-appointment.php?viewid=<?php echo $row['bid'];?>" class="btnbtn-primary">View</a>
<a href="accepted-appointment.php?delid=<?php echo $row['bid'];?>" class="btnbtn-danger" onClick="return confirm('Are you sure you want to delete?')">Delete</a></td></tr><?php
$cnt=$cnt+1;
}?></tbody></table>
</div></div></div></div>
<!--footer-->
<?phpinclude_once('includes/footer.php');?>
<!--//footer-->
</div>
```

```
<!-- Classie -->
<script src="js/classie.js"></script>
<script>
var menuLeft = document.getElementById( 'cbp-spmenu-s1' ),
showLeftPush = document.getElementById( 'showLeftPush' ),
body = document.body;




showLeftPush.onclick = function() {
classie.toggle( this, 'active' );
classie.toggle( body, 'cbp-spmenu-push-toright' );
classie.toggle( menuLeft, 'cbp-spmenu-open' );
disableOther( 'showLeftPush' );
};
function disableOther( button ) {
if( button !== 'showLeftPush' ) {
classie.toggle( showLeftPush, 'disabled' );
}
}
</script>
<!--scrolling js-->
<script src="js/jquery.nicescroll.js"></script>
<script src="js/scripts.js"></script>
<!--//scrolling js-->
<!-- Bootstrap Core JavaScript -->
<script src="js/bootstrap.js"></script>
</body>
</html>
<?php }  ?>
```