

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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## A Database Management System Mini Project Report on “PROJECT MANAGEMENT SYSTEM”

Submitted in Partial fulfillment of the Requirements for the V Semester of the Degree of  
**Bachelor of Engineering in**  
**Computer Science & Engineering**

By

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**Under the Guidance of,**

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## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CMR INSTITUTE OF TECHNOLOGY**

Affiliated to VTU, Approved by AICTE, Accredited by NBA and NAAC with “A++” Grade

ITPL MAIN ROAD, BROOKFIELD, BENGALURU-560037, KARNATAKA, INDIA

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## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



## **CERTIFICATE**

This is to certify that the Database Management System Project work entitled “**PROJECT MANAGEMENT SYSTEM**” has been carried out by **PAVAN S, 1CR20CS135** and **PRABHAKAR G, 1CR20CS136**, bonafide students of CMR Institute of Technology, Bengaluru in partial fulfillment for the award of the Degree of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year **2022-2023**. It is certified that all corrections/suggestions indicated for the Internal Assessment have been incorporated in the report deposited in the departmental library. This Database Management System Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

---

### **Signature of Guide**

**Dr. Sanchari Saha**

**Assistant Professor**

**Dept. of CSE, CMRIT**

---

### **Signature of HOD**

**Dr. Shreekanth M Prabhu**

**Professor & HoD**

**Dept. of CSE, CMRIT**

### **External Viva**

Name of the Examiners

Signature with date

1.

2.

## **DECLARATION**

We, the students of V semester of Computer Science and Engineering, CMR Institute of Technology, Bangalore declare that the project work entitled "**PROJECT MANAGEMENT SYSTEM**" has been successfully completed under the guidance of Dr. Sanchari Saha, Assistant professor, Dept. of Computer Science and Engineering, CMR Institute of technology, Bengaluru. This project work is submitted in partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering during the academic year 2022-2023. The matter embodied in the project report has not been submitted previously by anybody for the award of any degree or diploma to any university.

Place: Bangalore

Date: 11/01/2023

**Team members:**

<b>PAVAN S (1CR20CS135)</b>	Pavan S
<b>PRABHAKAR G (1CR20CS136)</b>	Prabhakar G

## **ABSTRACT**

“Project Management System” has been considered very important by many scholars in recent years. Project Management System is designed to make the existing manual system automatic with the help of computerised equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data and information can be stored for a longer period with easy access and manipulation of the same. The required software is easily available and easy to work with. This web application can maintain and view computerised records without getting redundant entries. The project describes how to manage user project for good performance and provide better services for the student. For this application we use PHP and MySQL for the backend to store data and for the frontend design we use HTML and CSS.

**Keywords:** Supervise Projects, Assigns Faculty, Faculty holds meeting with Student, Project held by Student, Project Evaluation

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## CHAPTER 1

### INTRODUCTION

Project management system, objective involves providing assistance to the student by the faculty according to the requirements, implementing an online project management system, to inspire the students to do good projects so they get good feedback accordingly. Project management system can surprisingly increase performance, abilities and efficiency within college organization. Since web-based applications can be accessed through any web browser, no desktop installation or updates are required. By studying existing idea of project managing we are implementing according to the college perspective, where students can request for the faculty to become supervisor of the project and give the feedback to the project accordingly. Faculty can download the project of his/her supervises and can the review accordingly.

#### 1.1 OBJECTIVE

The specific objectives of the project include:

- To provide assistance to the students
- Implementing an online project management system
- To inspire the students to do good projects
- Eco-friendly project system

## 1.2 Scope of the project

It is focused on studying the existing system of PROJECT MANAGING in and to make sure that the students do good projects. This also will produce:

- Less effort and the primary cost and focus primary on creating, managing, and running a secure project maintenance.
- Easy management.
- Increasing number of students as individuals will find it easier and more convenient to make the projects.

## CHAPTER 2

# SYSTEM REQUIREMENTS SPECIFICATION

### 2.1 Hardware Requirements:

Processor : i5 Core Processor

Clock speed : 1.19 GHz

RAM : 8 GB

### 2.2 Software Requirements:

Operating System : 64-bit Operating System Windows 10

Database : MySQL

Web Server : XAMPP

IDE : Visual Studio Code

Scripting Language : PHP

Front End : HTML, CSS

# CHAPTER 3

## DESIGN

### 3.1 Schema Diagram

A schema diagram is a diagram which contains entities and the attributes that will define that schema. A schema diagram shows us the database design.

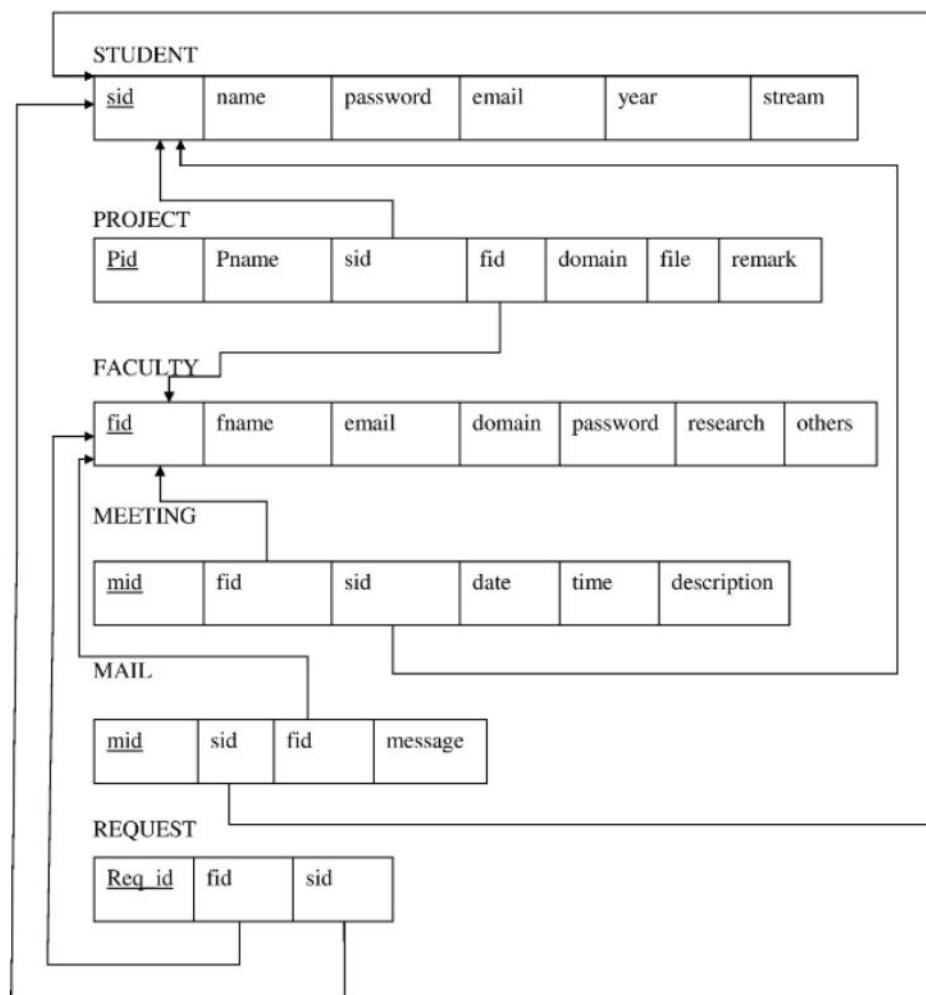


Fig 3.1 Schema Diagram

### 3.2 ER Diagram

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. In other words, ER diagrams illustrate the logical structure of databases.

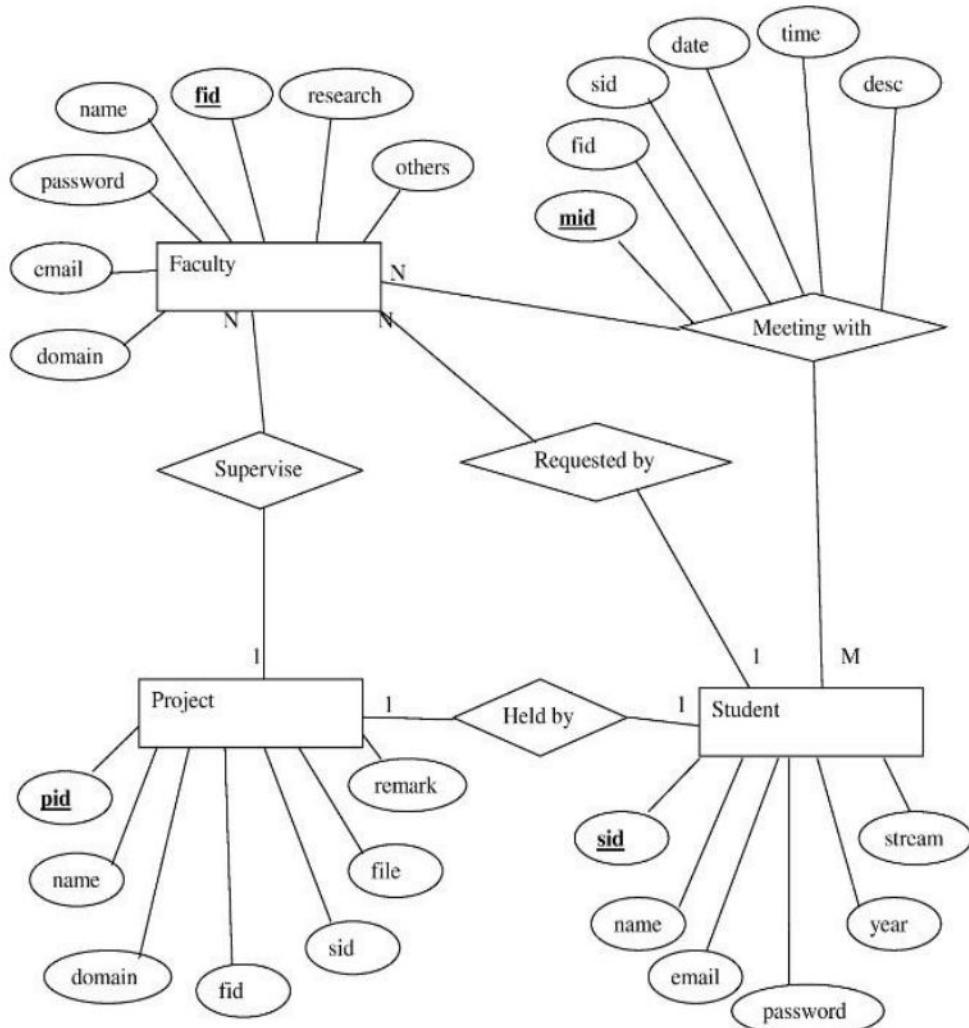


Fig 3.2 ER Diagram

## CHAPTER 4

# IMPLEMENTATION

### 4.1 Introduction

This project is designed and implemented using MySQL database along with PHP for back-end implementation and HTML and CSS for front-end design. IDE used is Visual Studio Code.

### MySQL

The back-end of the web application is basically the brains behind the front-end. It comprises of three components: server, application and database. It is a link between the server and the user. Most of the coding for the web application can be found in the back-end and the quality of this code determines how the website functions. In this project MySQL is used as a back-end technology. MySQL is a multithreaded, multiuser SQL Database Management System. The basic program run as server providing multiuser access to a number of databases. MySQL is currently the world's most popular and widely used opensource database technology and data storage system. MySQL offers great reliability and ease of use. MySQL runs on virtually all platforms, including Linux, UNIX, and Windows.

### Hypertext Preprocessor (PHP)

PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used opensource general purpose scripting language that is primarily designed for web development and can be embedded into HTML. PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page. PHP commands can be embedded directly into an HTML source document external file to process data or it can be used in combination with various web template systems, web content management systems and web frameworks. It has also evolved to include a command line interface capability and can be used in standalone graphical applications.

A good benefit of using PHP is that it can interact with many different database languages including MySQL. Both PHP and MySQL are compatible with an Apache server which is also free to license. PHP can also run on Windows, Linux and UNIX servers. Due to all these languages being free it is cheap and easy to setup and create a website using PHP. PHP also has very good online documentation with a good framework of functions in place.

### Hypertext Markup Language (HTML)

HTML is the web's core language for creating documents and applications for everyone to use, anywhere. It is standardizing system for tagging text files to achieve font, color, graphic and hyperlink effects on World Wide Web pages. HTML elements form the building blocks of all websites. The markup tells the web browsers how to display web pages. Web browsers can read HTML files and render them into visible or audible web pages. Browsers do not display the HTML tags and scripts, but use them to interpret the

content of the page. HTML describes the structure of websites. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of corner stone technologies of the World Wide Web.

## Cascading Style Sheets (CSS)

CSS is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a simple mechanism for adding style (e.g. fonts, colors, spacing etc.) to web documents. CSS defines how HTML elements are displayed. CSS is a cornerstone technology used by most websites to create visually engaging web pages, user interfaces for web application and user interfaces for many mobile applications. CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors and fonts. This separation can improve content accessibility, provide more flexibility. This separation of formatting and content makes it possible to present the same markup page in different styles for different rendering methods.

## XAMPP

XAMPP stands for Cross-Platform (X), Apache (A), MySQL (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing purposes. Everything need to set up a web server – server application (Apache), database (MySQL), and scripting language (PHP) – is included in a simple extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows.

## 4.2 Database Design

A database design includes logical (entity relationship) and physical (table, column and key) design tools for the data.

ID	password
admin	admin

Table 4.1 Admin Table

f_id	name	email	phone	password	qualification	domain	research	others
f112	Jaswant Kumar a	jas@gmail.coma	123	12312	M.Tech a	java	php	asp
f908	jas	jas@gmail.com	1234567	123		NUL	NUL	NUL
f987	jas	jas@gmail.comhahah	1234567	147	sbkjh	NULL	NULL	NULL

Table 4.2 Faculty Table

mail_id	s_id	f_id	msg
1	s111	f112	hello
7	s113	f112	student
10	s113	f112	heuyyk
11	s115	f112	hey
12	s113	f112	hahah
15	s113	f112	asdfgghh
16	s113	f112	I am writing in this letter in response to you tha...

Table 4.3 Mail Table

meeting_id	f_id	s_id	date	time	desc
1	f112	s113	2015-03-30	20:30:50	hkjhk
2	f112	s115	2015-03-31	20:30:00	hello
3	f112	s113	1989-06-15	08:57:00	Deo.

Table 4.4 Meeting Table

p_id	name	domain	s_id	f_id	ppf	psf	remark
1234			we34	f112			Excellent report!
p114	NULL	NULL	s113	f112	CSFF-SDM.doc	CSFF-SDM.doc	hello

Table 4.5 Project Table

request_id	s_id	f_id
1	s112	f987
4	s113	f908
789	we34	f112
790	s113	f987
791	s113	f112
792	s113	f112
793	s113	f987
794	s113	f112
795	1213	f112

Table 4.6 Request Table

s_id	name	email	phone	password	year	stream
			admin	admin	Selctet	
1213	ksk	sdlj@gmail.com	admin	admin	2001	CSE
12345	Pritesh	p4@yahoo.com	2324345	bunny	2016	CSE
141	saaya	sweetsaaya@gmail.com	admin	admin	1990	COM
s111	Jaswant Kumar	jas@gmail.com	1234567890	12345	15-16	COM
s112	Jaswant Kumar	jaswant@gmail.com	123456789	123	15-16	CSE
s113	Jaswant Kumar	jaswant@gamial.com	5468522		123	EE
s114	jaswant	jas@gmail.com	12345678	123a	15-16	CSE
s115	jas	jaswant@gamial.com	1234567890	122	15-16	CSE
we34	jknbkjn	jhbjb@hgih	jhgjhbh	hbkbmj	jhbkh	CSE

Table 4.7 Student Table

s_mail_id	s_id	f_id	mag
1	s113	f112	huj
2	s113	f112	142
3	s113	f112	hello dear
4	s113	f112	hello

Table 4.8 Student mail Table

## 4.3 CREATION OF TABLES

Creation of admin table:

```
CREATE TABLE IF NOT EXISTS `admin` (
  `ID` char (5) NOT NULL,
  `password` char (5) DEFAULT NULL,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Creation of faculty table:

```
CREATE TABLE IF NOT EXISTS `faculty` (
  `f_id` varchar (10) NOT NULL,
  `name` varchar (20) NOT NULL,
  `email` varchar (30) NOT NULL,
  `phone` varchar (15) NOT NULL,
  `password` varchar (25) NOT NULL,
  `qualification` varchar (200) NOT NULL,
  `domain` varchar (200) NOT NULL,
  `research` varchar (200) NOT NULL,
  `others` varchar (500) NOT NULL,
  PRIMARY KEY (`f_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Creation of mail table:

```
CREATE TABLE IF NOT EXISTS `mail` (
  `mail_id` int (5) NOT NULL AUTO_INCREMENT,
  `s_id` varchar (10) NOT NULL,
  `f_id` varchar (10) NOT NULL,
  `msg` varchar (250) NOT NULL,
  PRIMARY KEY (`mail_id`),
  KEY `s_id` (`s_id` , `f_id`),
  KEY `f_id` (`f_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=17 ;
```

Creation of meeting table:

```
CREATE TABLE IF NOT EXISTS `meeting` (
  `meeting_id` int (5) NOT NULL AUTO_INCREMENT,
  `f_id` varchar (10) NOT NULL,
  `s_id` varchar (10) NOT NULL,
  `date` date NOT NULL,
  `time` time NOT NULL,
  `desc` varchar (200) NOT NULL,
  PRIMARYKEY (`meeting_id`),
  KEY `f_id` (`f_id` , `s_id`),
  KEY `s_id` (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=4 ;
```

Creation of project table:

```
CREATE TABLE IF NOT EXISTS `project` (
  `p_id` varchar (10) NOT NULL,
  `name` varchar (30) DEFAULT NULL,
  `domain` varchar (20) DEFAULT NULL,
  `s_id` varchar (10) DEFAULT NULL,
  `f_id` varchar (10) DEFAULT NULL,
  `ppf` varchar (200) NOT NULL,
  `psf` varchar (200) NOT NULL,
  `remark` varchar (500) NOT NULL,
  PRIMARY KEY (`p_id`),
  KEY `f_id` (`f_id`),
  KEY `s_id` (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Creation of request table:

```
CREATE TABLE IF NOT EXISTS `request` (
  `request_id` int (10) NOT NULL AUTO_INCREMENT,
  `s_id` varchar (10) NOT NULL,
  `f_id` varchar (10) NOT NULL,
  PRIMARY KEY (`request_id`),
  KEY `s_id` (`s_id`),
  KEY `f_id` (`f_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=795 ;
```

Creation of student table:

```

CREATE TABLE IF NOT EXISTS `student` (
  `s_id` varchar (10) NOT NULL,
  `name` varchar (25) NOT NULL,
  `email` varchar (30) NOT NULL,
  `phone` varchar (15) NOT NULL,
  `password` varchar (25) NOT NULL,
  `year` varchar (10) NOT NULL,
  `stream` varchar (15) NOT NULL,
  PRIMARY KEY (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
  
```

Creation of student mail table:

```

CREATE TABLE IF NOT EXISTS `st_mail` (
  `s_mail_id` int (11) NOT NULL AUTO_INCREMENT,
  `s_id` varchar (10) NOT NULL,
  `f_id` varchar (10) NOT NULL,
  `mag` varchar (250) NOT NULL,
  PRIMARY KEY (`s_mail_id`),
  KEY `s_id` (`s_id` , `f_id`),
  KEY `f_id` (`f_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=5 ;
  
```

## Database connection

```

<?php
$dbhost ='localhost';
$dbuser = 'root';
$dbpass = "";
$db='pmas';

$conn= mysqli_connect($dbhost,$dbuser,$dbpass);
if($conn->connect_error){
  die("Connection failed : " . $conn->connect_error);
}
mysqli_select_db($conn, $db);

?>
  
```

## Updates

```
<?php
```

```

session_start();
$user= $_SESSION['Email'];
$role = $_SESSION['Role'];

include'./connection.php';

if(isset($_POST['update']))
{
    $id=$_POST['fid'];
    $name=$_POST['faname'];
    $email=$_POST['faemail'];
    $phone=$_POST['faphone'];
    $pass=$_POST['fapass'];
    $qualification=$_POST['faqualification'];

    if(!empty($id)|| !empty($name)||!empty($email)||!empty($phone)||!empty($pass)||!
empty($qualification))
    {
        $sql= "UPDATE `pmas`.`faculty` SET `name` = '$name', `email` = '$email',
`phone` = '$phone', `password` = '$pass', `qualification` = '$qualification' WHERE
`faculty`.`f_id` = '$id';";
        mysqli_query($conn, $sql);
        $conn->close();
        header('Location:fa_search.php');
    }
    else

    {
        echo'Please fill up all fields';
        header('Location:fa_search.php');
    }
}

if(empty($_SESSION['Email']))
{
header("location:index.php");
}
else
{
if($role=="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>
    <link rel="stylesheet" type="text/css" href="../css.css">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
<style>
    body
    {
        background-image:url(../background.png);
        background-repeat: no-repeat;
        background-attachment: fixed;
        background-size: 100% 100%;
    }
</style>
<title>Project Management System</title>
</head>
<div>
<body>
<table width="100%" border="0" cellspacing="0" cellpadding="0">
    <tr bgcolor="#D2691E">
        <th width="74" scope="col">&ampnbsp</th>

        <th width="164" scope="col"><a href="../Admin.php"></a></th>
        <th width="646" scope="col"><font size="8" color="White">Project Management System</font></th>
        <th width="140" scope="col"><font color="White" size="5">
<?php
print$role;
?></font></th>
        <th width="63" scope="col">&ampnbsp</th>
    </tr>
</table>
<table width="100%" border="0" cellspacing="1" cellpadding="1">
    <tr bgcolor="#99CCFF">
        <th width="5%" scope="col"><h4>&ampnbsp</h4></th>
        <th width="12%" scope="col"><a href="student.php">Add Student</a></th>
        <th width="11%" scope="col"><a href="faculty.php">Add Faculty</a></th>
        <th width="11%" scope="col"><a href="stsearch.php">Search Student</a></th>
        <th width="11%" scope="col"><a href="fa_search.php">Search Faculty </a></th>
        <th width="11%" scope="col"><a href="allocate.php">Allocate</a></th>
        <th width="11%" scope="col"><a href="skill.php">Skill Matrix</a></th>
        <th width="11%" scope="col"><a href="report.php">Reports</a></th>
    </tr>
</table>

```

```

<thwidth="11%" scope="col"><a href="../logout.php">Logout</a></th>
<thwidth="6%" scope="col">&ampnbsp</th>
</tr>
</table>
<br/><br/><br/>
<form method="post" action="fa_search.php">

  <div style="background-color: beige; margin-left: 33%; alignment-adjust: central; width: 35%">
    <table align="center" width="100%" cellspacing="0" cellpadding="5">
      <tr>
        <td>&ampnbsp</td>
        <td align="right" style="font-size: 5">Faculty ID&ampnbsp:&ampnbsp</td>
        <td>
          <?php
            include'../connection.php';
            $sql="select f_id from faculty";
            $result= mysqli_query($conn, $sql)
          ?><select name="id" style="width: 10em; height: 2em; font-size: 15px;">
            <option>Faculty</option>
            <?php
              while($row = mysqli_fetch_assoc($result))
              {
                $category= $row['f_id'];
                ?>
                <option selected="selected" value="<?phpecho$category; ?>"><?phpecho$category;?></option>
              }
            ?>
            </select></td>
        </tr>
        <tr>
          <td colspan="3" align="center"><input id="bt" type="submit" name="search" value="Search" />
          </td>
          <td>&ampnbsp</td>
        </tr>
      </table>
    </div>
    <br/><br/>
    <div style="background-color: beige; margin-left: 33%; alignment-adjust: central; width: 35%">
  
```

```

<tablealign="center" width="100%" cellspacing="00" cellpadding="05">
<?php
if (isset($_POST['search']))
{
    $username=$_POST['id'];
    $sql1="select * from faculty where f_id ='$username'; ";
    $rec=mysqli_query($conn, $sql1);
    $row=mysqli_fetch_assoc($rec);
}
?>

<tr>
<td>&nbsp;</td>
<tdalign="right"><fontsize="5">Faculty ID&nbsp;:&nbsp;</font></td>
<td><inputid="in" type="text" name="fid" value="<?phpecho$row['f_id'];?>" /></td>
<td>&nbsp;</td>
</tr>

<tr>
<td>&nbsp;</td>
<tdalign="right"><fontsize="5">Name&nbsp;:&nbsp;</font></td>
<td><inputid="in" type="text" name="faname" value="<?phpecho$row['name'];?>" /></td>
<td>&nbsp;</td>
</tr>

<tr>
<td>&nbsp;</td>
<tdalign="right"><fontsize="5">Email&nbsp;:&nbsp;</font></td>
<td><inputid="in" type="email" name="faemail" value="<?phpecho$row['email'];?>" /></td>
<td>&nbsp;</td>
</tr>

<tr>
<td>&nbsp;</td>
<tdalign="right"><fontsize="5">Phone&nbsp;:&nbsp;</font></td>
<td><inputid="in" type="text" name="faphone" value="<?phpecho$row['phone'];?>" /></td>
<td>&nbsp;</td>
</tr>

<tr>
<td>&nbsp;</td>
<tdalign="right"><fontsize="5">Password &nbsp;:&nbsp;</font></td>
<td><inputid="in" type="password" name="fapass" value="<?phpecho$row['password'];?>" /></td>

```

```

<td>&nbsp;</td>
</tr>
<tr>
    <td>&nbsp;</td>
    <tdalign="right"><fontsize="5">Qualification&nbsp;:&nbsp;</font></td>
    <td><input id="in" type="text" name="faqualification" value=<?
phpecho$row['qualification'];?>"></td>
    <td>&nbsp;</td>
</tr>

<tralign="center">
    <td>&nbsp;</td>
    <tdd colspan="2">
        <input type="submit" name="update" value="Update" id="bt"/>
    <td>&nbsp;</td>
</tr>
</table>
</div>
</form>
<?php
}
elseif($role=="Faculty")
{
?>
<?php
header('Location:../Admin.php');
?>
<?php
}
else
{?>
    <?php
    header('Location:../Admin.php');
    ?>
<?php
}
?>
</table>
<?php
}
?>

```

## Login

```

<?php
session_start();
$user = $_POST['id'];
$pass = $_POST['pass'];
$role = $_POST['role'];

include'connection.php';

if($role == "Admin")
{
  if(!empty($user)||!empty($pass)){
$sql = "SELECT*FROMadminWHERE ID='$user' ANDpassword='$pass'";
$res = mysqli_query($conn,$sql);
$count = mysqli_num_rows($res);

  if($count == 0)
  {
    header("location:Admin.php");
  }
  else
  {
    $_SESSION['Email'] = $user;
    $_SESSION['Role'] = $role;
    header("location:Admin.php?image=image.php");
  }
}
else {
  echo'Fill up al fields';
}
}
elseif($role == "Faculty")
{
  if(!empty($user)||!empty($pass)){
$sql = "SELECT*FROM faculty WHEREf_id='$user' ANDpassword='$pass'";
$res = mysqli_query($conn,$sql);
$count = mysqli_num_rows($res);

  if($count == 0)
  {
    echo"username password Incorrect";
    redirect("login.php");
  }
  else
  {
    $_SESSION['Email'] = $user;
  }
}
}
  
```

```

$_SESSION['Role'] = $role;
header("location:Admin.php?image=image.php");
}
}
else {echo'Fill up al fields';
}
else
{
  if(!empty($user)||!empty($pass)){
$sql = "SELECT*FROM student WHEREs_id='$user' ANDpassword='$pass'";
$res = mysqli_query($conn,$sql);
$count = mysqli_num_rows($res);

if($count == 0)
{
echo"username password Incorrect";
}
else
{
  $_SESSION['Email'] = $user;
  $_SESSION['Role'] = $role;
  header("location:Admin.php?image=image.php");
}
}
else {echo'Fill up al fields';
}
?>
```

## **Logout**

```

<?php
session_start();
session_destroy();
header("location:index.php");
?>
```

## **CHAPTER 5**

### **INTERPRETATION OF RESULT**

## **Result Snapshot**

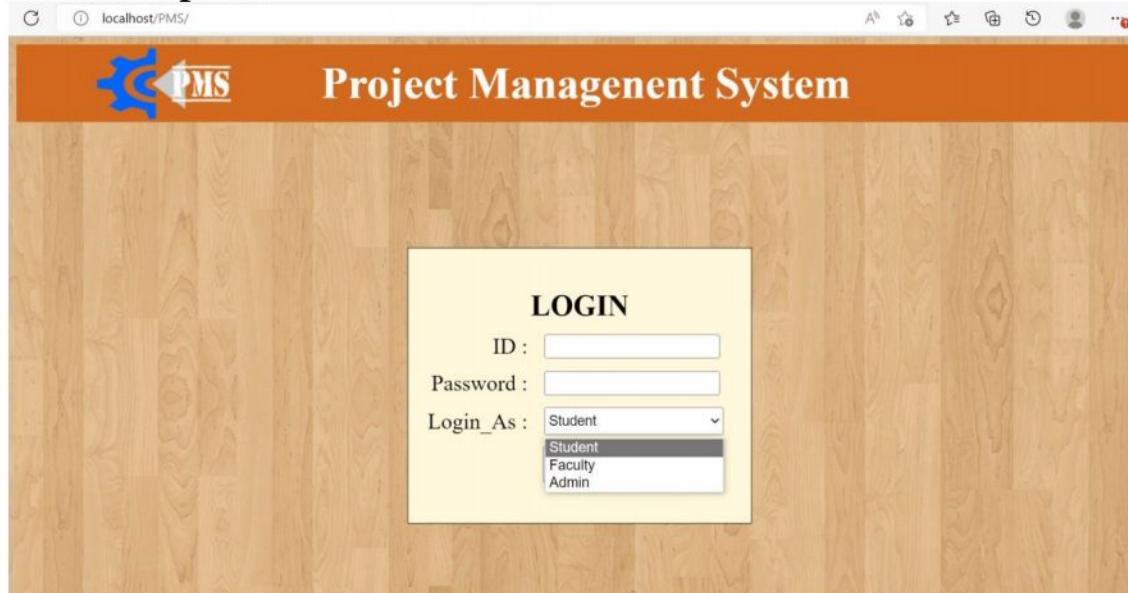


Fig 5.1 Login Page

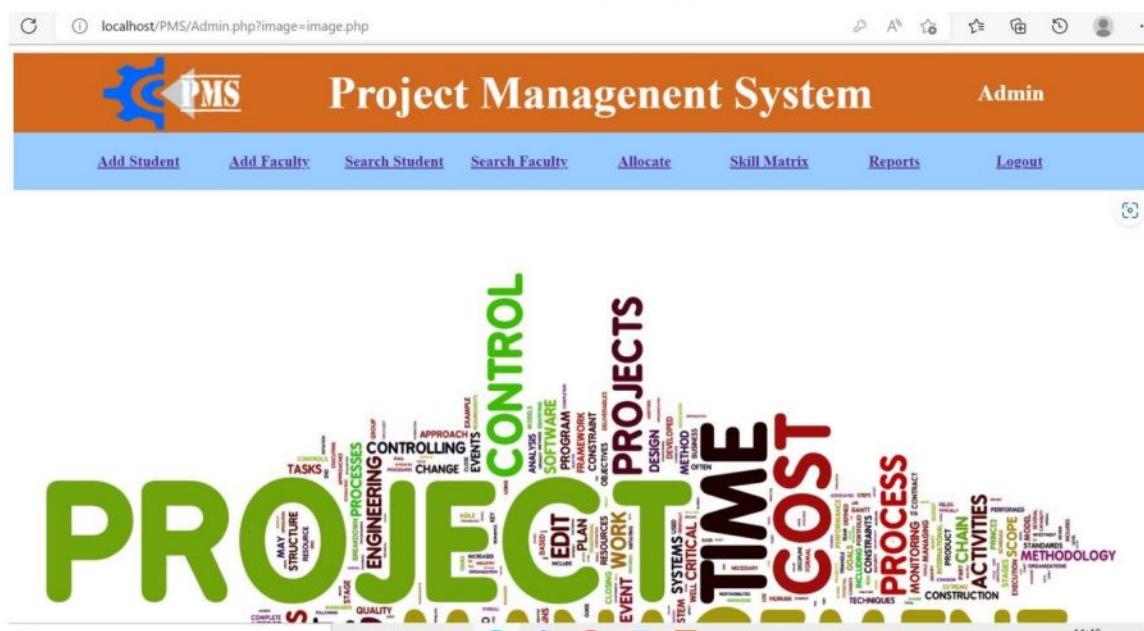


Fig 5.2 Administration Page

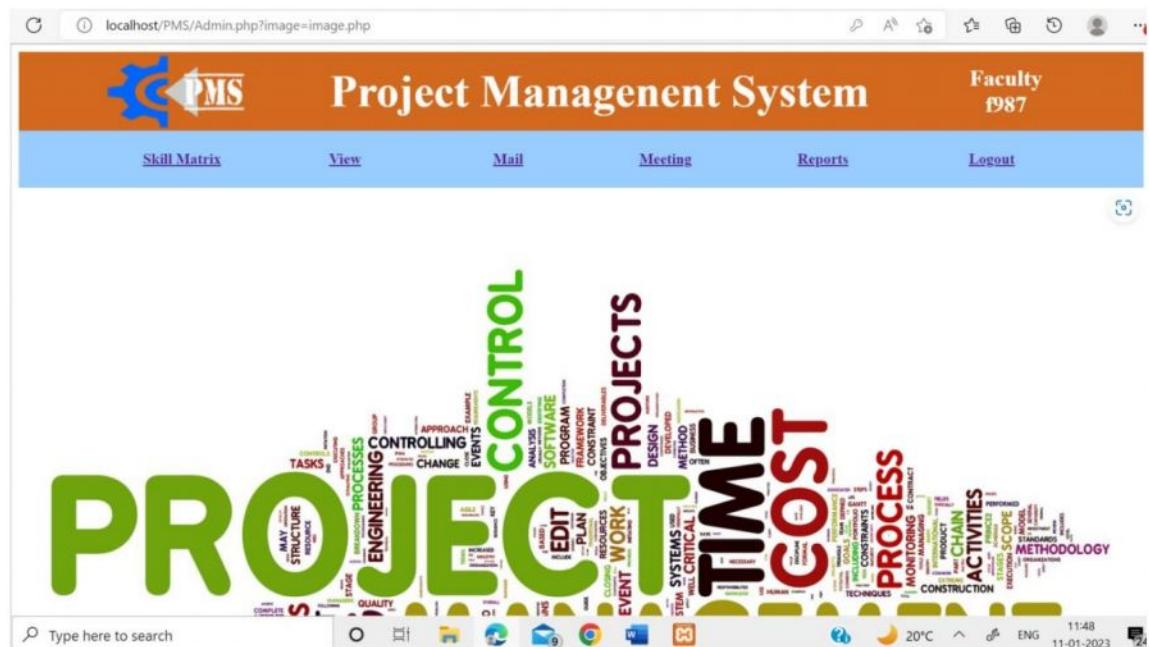


Fig 5.3 Faculty page

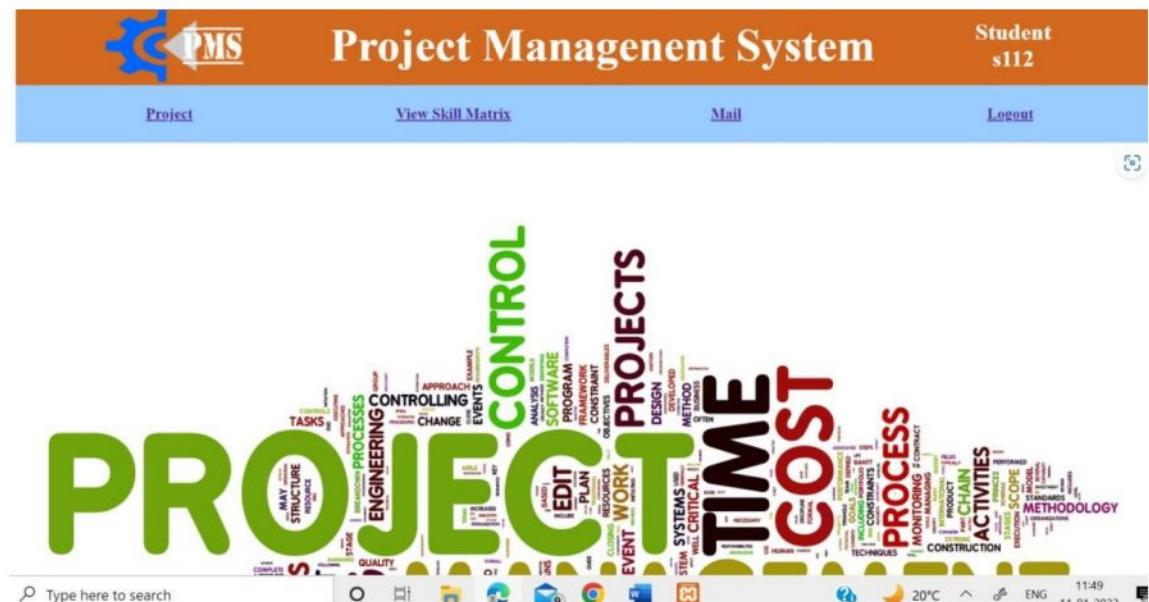


Fig 5.4 Student Page

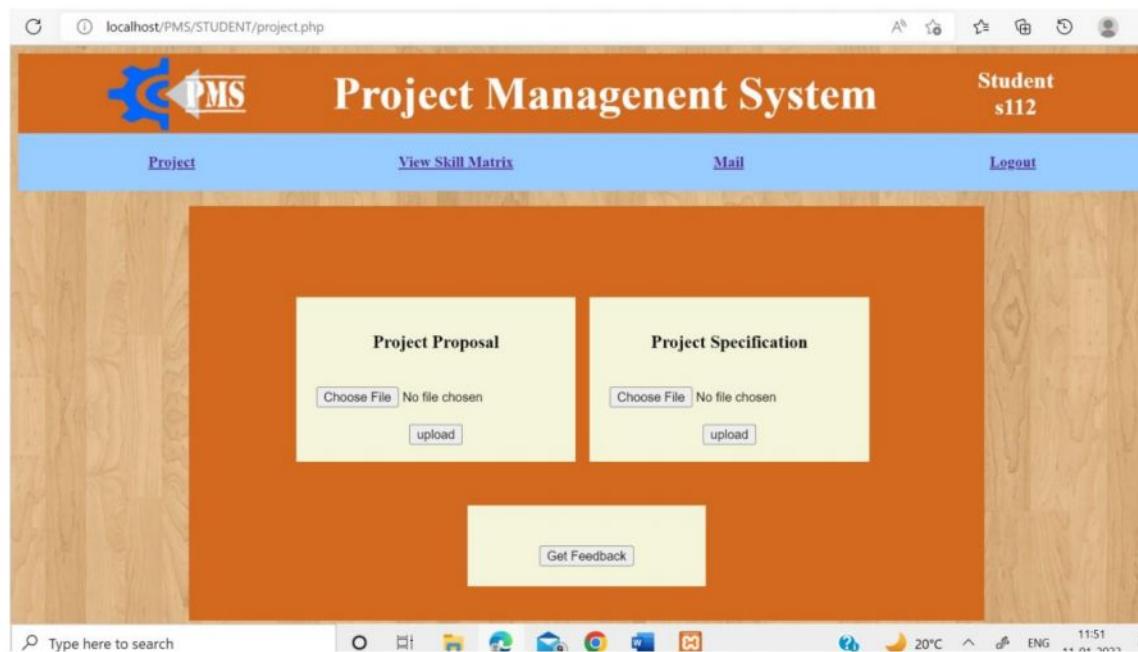


Fig 5.5 Project Page

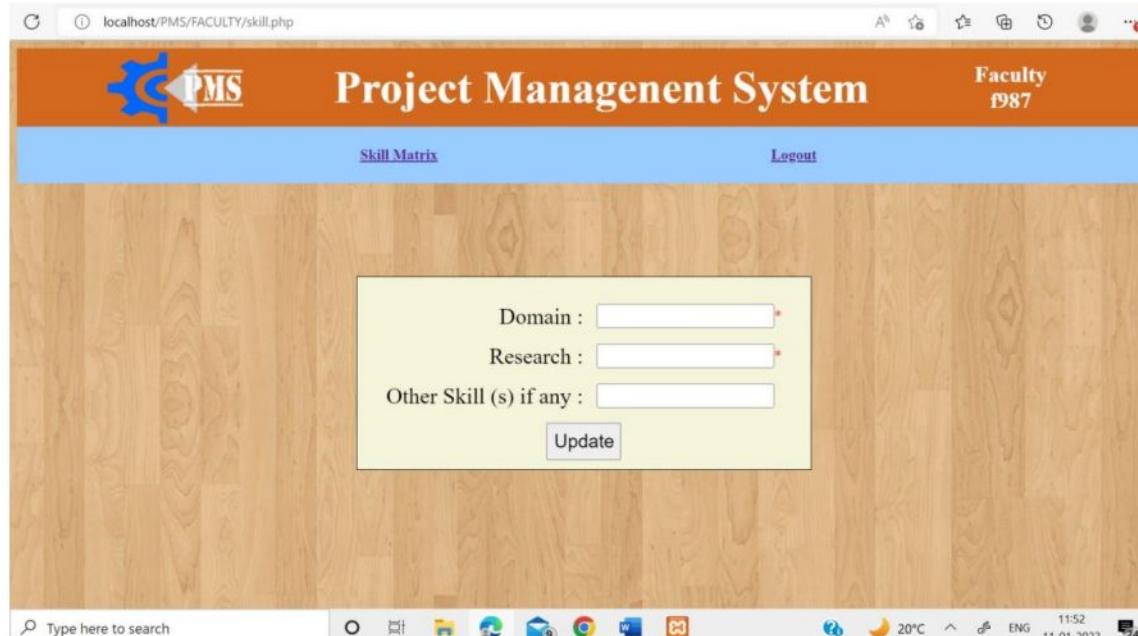


Fig 5.6 Skill Matrix Page



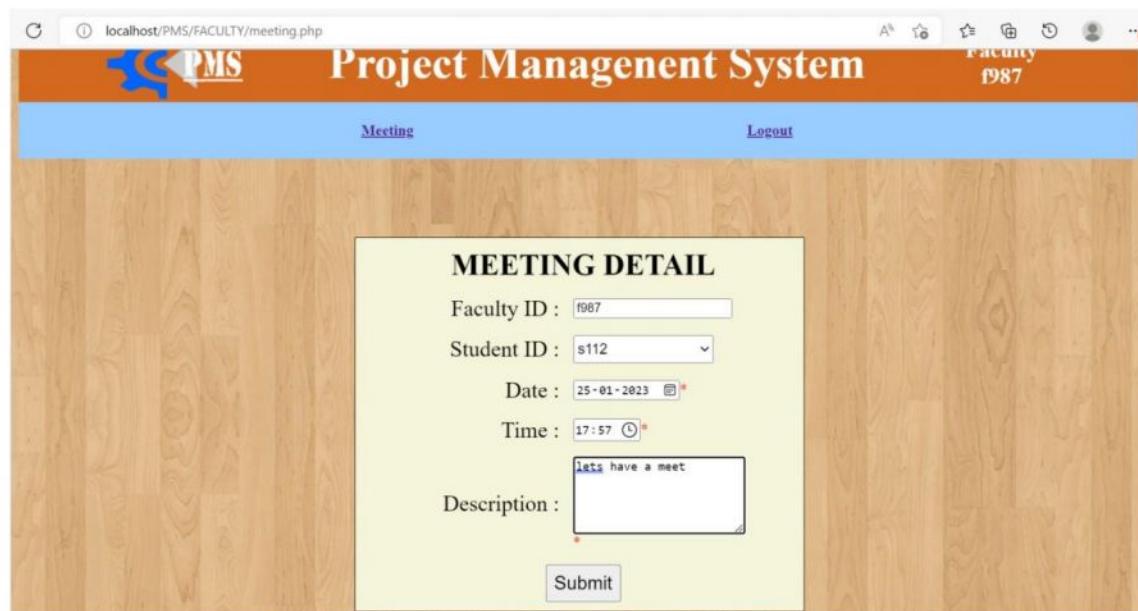
The screenshot shows the 'View' page of the Project Management System. At the top, there is a header bar with the CMRIT logo, the text 'Project Management System', and a 'Faculty f987' link. Below the header is a blue navigation bar with 'View' and 'Logout' buttons. In the center, there is a grid interface for managing student projects. The columns are labeled 'Student ID', 'Project Proposal', 'Project Specification', 'Assessment', and 'Quick Mail'. The 'Student ID' column contains entries like 's112' and '1CR20CS136\_PRABHAKA'. The 'Project Proposal' column has download buttons. The 'Project Specification' column contains file names such as '1CR20CS106\_ASSIGNME'. The 'Assessment' and 'Quick Mail' columns have submit buttons.

Fig 5.7 View Page



The screenshot shows the 'Mail' page of the Project Management System. At the top, there is a header bar with the CMRIT logo, the text 'Project Management System', and a 'Faculty f987' link. Below the header is a blue navigation bar with 'Mail' and 'Logout' buttons. In the center, there is a navigation bar with 'Compose', 'Inbox', and 'Sent Mail' buttons. The main area is currently empty, showing a light beige background.

Fig 5.8 Mail Page



**MEETING DETAIL**

Faculty ID :

Student ID :

Date : \*

Time :

Description :

**Submit**

Fig 5.9 Meeting Page



Student ID :

Name :

Email :

Phone :

Password :

Year :

Stream :

**Add**

Fig 5.10 Add Student Page



The screenshot shows the 'Add Faculty' page of the Project Management System. The page has a light blue header bar with the CMRIT logo and the text 'Project Managenent System' and 'Admin'. Below the header is a navigation menu with links: 'Add Student', 'Add Faculty', 'Search Student', 'Search Faculty', 'Allocate', 'Skill Matrix', 'Reports', and 'Logout'. The main content area has a light yellow background and contains fields for entering faculty information: 'Faculty ID : [text input]', 'Name : [text input]', 'Email : [text input]', 'Phone : [text input]', 'Password : [text input]', and 'Qualification : [text input]'. A large 'Add' button is located at the bottom of this form.

Fig 5.11 Add Faculty Page



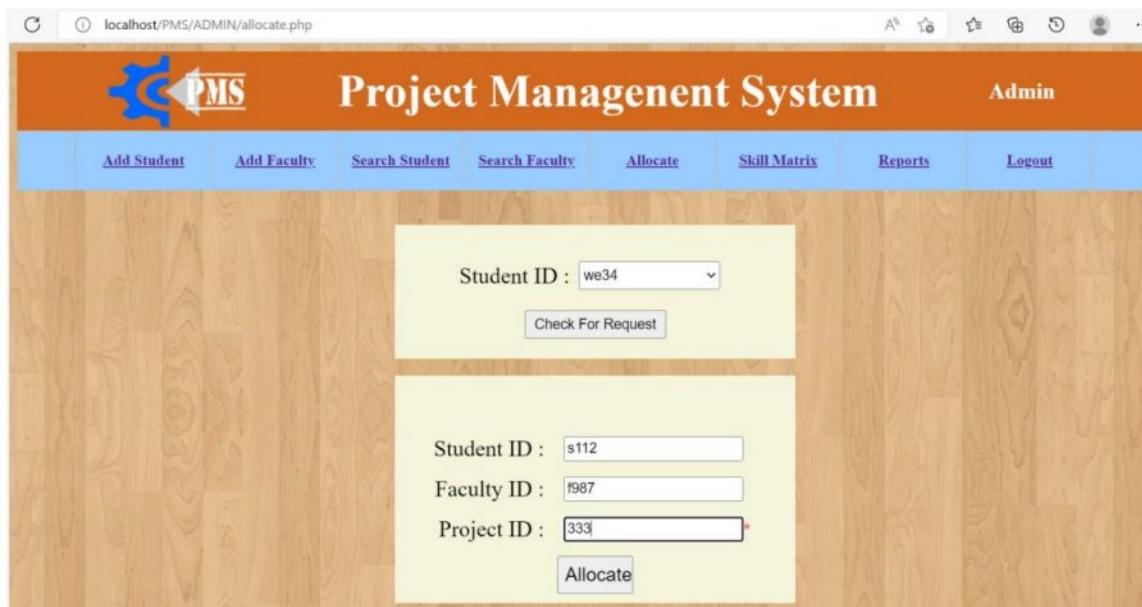
The screenshot shows the 'Search Student' page of the Project Management System. The page has a light blue header bar with the CMRIT logo and the text 'Project Managenent System' and 'Admin'. Below the header is a navigation menu with links: 'Add Student', 'Add Faculty', 'Search Student', 'Search Faculty', 'Allocate', 'Skill Matrix', 'Reports', and 'Logout'. The main content area has a light yellow background and contains a search section with 'Student ID : [text input]' and a 'Search' button. Below this is another form for updating student information: 'Student ID : [text input]', 'Name : [text input]', 'Email : [text input]', 'Phone : [text input]', 'Password : [text input]', 'Year : [text input]', 'Stream : [dropdown menu] (Select)', and an 'Update' button.

Fig 5.12 Search Student Page



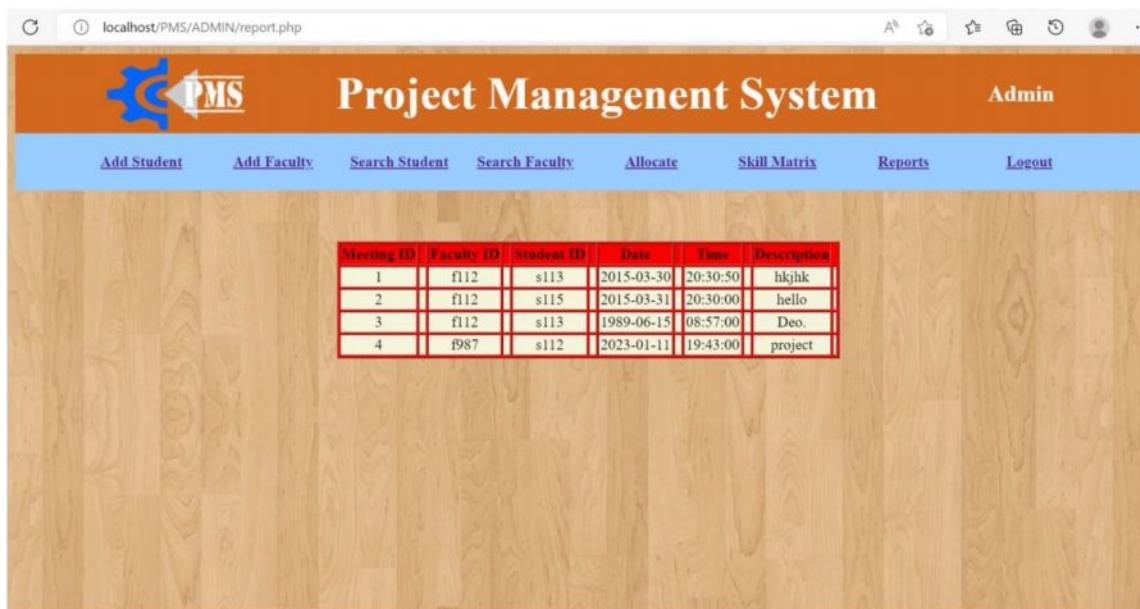
The screenshot shows the 'Search Faculty' page of the Project Management System. At the top, there is a search bar labeled 'Faculty ID : f987' with a 'Search' button below it. Below the search bar is a form for entering faculty details: Faculty ID, Name, Email, Phone, Password, and Qualification, each with its own input field. An 'Update' button is located at the bottom right of this form.

Fig 5.13 Search Faculty Page



The screenshot shows the 'Allocate' page of the Project Management System. It features a search bar for 'Student ID : we34' with a 'Check For Request' button. Below the search bar is a form for allocating a project: Student ID (s112), Faculty ID (f987), and Project ID (333), with an 'Allocate' button at the bottom.

Fig 5.14 Allocate Page



The screenshot shows a web-based Project Management System interface. At the top, there is a header bar with the CMRIT logo and the text "CELEBRATING 30 YEARS \* CMR INSTITUTE OF TECHNOLOGY, BENGALURU ACCREDITED WITH A++ GRADE BY NAAC". Below the header is a navigation bar with links: "Add Student", "Add Faculty", "Search Student", "Search Faculty", "Allocate", "Skill Matrix", "Reports", and "Logout". The main content area features a large orange header "Project Managament System" and a blue navigation bar below it. The central part of the page displays a table titled "Meeting ID" with the following data:

Meeting ID	Faculty ID	Student ID	Date	Time	Description
1	f112	s113	2015-03-30	20:30:50	hkjhk
2	f112	s115	2015-03-31	20:30:00	hello
3	f112	s113	1989-06-15	08:57:00	Deo.
4	f987	s112	2023-01-11	19:43:00	project

Fig 5.15 Report Page

## CHAPTER 6

### CONCLUSION AND FUTURE SCOPE

#### CONCLUSION

In conclusion, a database is a far more efficient mechanism to store and organize data than spreadsheets. It allows for a centralized facility that can easily be modified and quickly shared among multiple users. Having a web based front end removes the requirement of users having to understand and use a database directly, and allows users to connect from anywhere with an internet connection and a basic web browser. It also allows the possibility of queries to obtain information for various surveys. This application used for keeping track on project information. It is built for use in small scale organization where the number of students is limited. This database consists of different entities like the faculty, project, and student. According to the requested requirement the admin can add, manipulate, update and delete all student data. The required records can be easily viewed by the admin anytime he wants in an instant. The main objective of this framework is to save time, make the system cost effective and management records efficiently.

#### FUTURE ENHANCEMENT

Our system is developed based on demand of students satisfaction and facilities. In our system we have used the modern web technologies to make our system fast, convenient and efficient for all of the personnel mentioned. In future we plan to implement more functionalities and more improvement. Hence there is a lot of scope for the project management system and getting all the data in digital format.

## REFERENCES

- (1) Fundamentals of Database Systems, Ramez Elmasri and Shamkant B. Navathe, 7th Edition, 2017, Pearson
- (2) [www.w3schools.com](http://www.w3schools.com)
- (3) [www.stackoverflow.com](http://www.stackoverflow.com)

