

**A PROJECT REPORT  
ON  
“College Management system”  
BACHELOR OF COMPUTER  
APPLICATION  
2024**



**Submitted By:**

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**INSTITUTE OF BUSINESS MANAGEMENT AND TECHNOLOGY (IBMT)**

**A/85, SAHEED NAGAR, BHUBANESWAR, 751007**

## DECLARATION

This is to certify that the project report entitled "**College Management system**" is done by me, is an authenticate work carried out for the partial fulfilment of the requirements for the award of the degree of **Bachelor of Computer application (BCA)** under the guidance of Prof. Rashmi Prava Mishra (Internal Guide) and Prof. Smruti Rout (HOD of BCA department). The matter embodied in this project work has not been submitted earlier for award of any degree or diploma to the best of my knowledge and belief.

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## ACKNOWLEDGEMENT

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## ABSTRACT

This project presents a comprehensive **College Management System** designed to streamline and automate various administrative and academic processes within the educational institute. The system aims to provide a centralized platform for managing student data, course information, faculty details, examination schedule, extracurricular activities detail and other essential aspects of college administration. The system enables efficient management of student records, including personal details, academic information, enrollment status and fee payments. The system stores and manage faculty information, including their qualification, and assigned courses. It facilitates the creation and management of courses, including course details, schedules, syllabus, and faculty assignments. communication between students, faculty, and administration. This leads to a more organized and effectively learning environment, ultimately contributing to the overall success of the college.

**INSTITUTE OF BUSINESS MANAGEMENT AND TECHNOLOGY****Plot No. A/85, Saheed Nagar, Bhubaneswar - 751007, Ph. 0674-2547895****CERTIFICATE**

This is to certify that the minor in-house project entitled  
"..... **College Management System** ....." submitted by  
....., Regd. No..... in partial  
fulfillment of requirement for the award of degree of  
..... **BCA** ..... From **Institute of Business**  
**Management and Technology, Bhubaneswar affiliated to Utkal**  
**University, Odisha** is a bonafide record of the work done by him/her  
during 6 weeks of 6<sup>th</sup> semester. Further this project has not been  
submitted to any other university for the award of any degree.

*Submitted for the examination held on.....*

**Internal Supervisor**

**Asst. Prof. (Dept. of BCA)**

## ***TABLE OF CONTENT***

S. NO	TOPICS	PAGE NO.
1	Overview of Project Introduction Project Modules Objective Functionalities	
2	System Analysis Feasibility Analysis	
3	Software Requirements Hardware Requirements	
4	Introduction to Tools/Language	
5	System Design Data Flow diagram Database Tables Modules Description	

6	Implementation Testing Maintenance	
7	Sample Screenshots	
8	Conclusion  Scope Of Future  Development  Bibliography  References	

# *CHAPTER 1*

## OVERVIEW OF PROJECT

### INTRODUCTION

College Management System using PHP and MySQL is a web-based application. College Management System Project is a software that is helpful for students as well as the College authorities. In the current system, all the activities are done manually. It is very time consuming and costly. This online College Management System in PHP deals with the various activities related to the College.

There are **mainly 3 modules** in this software:

1. Admin Module
2. Student Module
3. Teacher Module

In the software we can register as a user and user has of 3 types, student, teacher and administrator. Administrator has the power to add new user and can edit and delete a user. A student can register as user and can check his details and can send updated requests. The administrator can add, edit and delete the remarks for students.

# Objective

Our project explains about the student management. This project mainly explains the various actions related to student details. This project shows some case in adding, editing and deleting the student details. It also provides a less time-consuming process for viewing, adding, editing and deleting the marks of the students.

## **Our project functionalities include:**

1. User Registration
2. Managing Student Details
3. Course Management
4. Admission process Management
5. Faculty Management
6. Examination Management
7. Extra-curricular Activity

# CHAPTER 2

## SYSTEM ANALYSIS

### 2.1: EXISTING SYSTEM

System analysis is a detailed study of the various operations performed by a system and their relationships within and outside of the system. Analysis begins when a user or manager begins a study of the program using existing system.

During analysis, data collected on the various files, decision points and transactions handled by the present system. The commonly used tools in the system are DATA Flow diagram, interviews, etc. Training , experience and common sense are required for collection of relevant information needed to develop the system . The success of the system depends largely on how clearly the problem is defined, thoroughly investigated and properly carried out through the choice of solution. A good analysis model should provide not only the mechanisms of problem understanding but also the framework of the solution. Thus it should be studied thoroughly by collecting data about the system. Then the proposed system should be analyzed thoroughly in accordance with the needs.

System analysis can be categorized into five parts:

1. System planning and initial investigation
2. Information gathering
3. Applying analysis tools for structural analysis
4. Feasibility study
5. Cost/Benefit Analysis

In the current system we need to keep a number of records related to the student and want to enter the details of the student and the marks manually. In this system only the teacher or the school

authorities views the marks of the student and they want to enter the details of the student. This is time consuming and has much cost.

## **2.2: PROPOSED SYSTEM**

In our proposed system we have the provision for adding the details of the students by the admin. So, details can't be misused. Another advantage of the system is that it is very easy to edit the details of the student and delete a student when it found unnecessary.

Our proposed system has several advantages:

1. User friendly interface
2. Fast access to database
3. Less error
4. More storage capacity
5. Search facility
6. Good looking environment

All the manual difficulties in managing the student details in a school or college have been rectified by implementing computation.

## FEASIBILITY ANALYSIS

Whatever we think need not be feasible. It is wise to think about the feasibility of any problem we undertake. Feasibility is the study of impact, which happens in the organization by the development of a system. The impact can be either positive or negative. When the positives nominate the negatives, then the system is considered feasible. Here the feasibility study can be performed in two ways such as technical feasibility and Economical Feasibility.

### **Technical feasibility :**

We can strongly say's that it is technically feasible, since there will not be much difficulty in getting required resources for the development and maintain the system as well. All the resources needed for the development of the software as well as the maintenance of the same is available in the organization here we are utilizing the resources which are available already.

### **Economical Feasibility.**

Development of this application is highly economically feasible. The organization needed not spend much money for the development of the system already available. The only thing is to be done is making an environment for the development with an effective supervision. If we are doing so, we can attain the maximum usability of the corresponding resources. Even after the development of the organization will not be in condition to invest more in the organization. Therefore, the system is economically feasible.

# *CHAPTER 3*

## **SYSTEM REQUIREMENT SPECIFICATION**

### **3.1 :Hardware Requirements:**

Hardware is a set of physical components, which performs the functions of applying appropriate, predefined instructions. In other words, one can say that electronic and mechanical parts of computer constitute hardware.

- Processor: Pentium III 630 MHz
- RAM : 4 GB
- Hard Disk: 6 GB (Minimum)
- Monitor: Color Monitor
- Keyboard: 104 keys

### **3.2: Software Requirements:**

The software is a set of procedures of coded information or a program which when fed into the computer hardware, enables the computer to perform the various tasks. Software is like a current inside the wire, which cannot be seen but its effect can be felt.

#### **1. Operating System :-**

Windows 8 or Windows 10more

## **2. Application Software :-**

HTML,CSS , JS , PHP and database MYSQL etc.

## **3. Editor:-**

Visual Studio Code.

## *CHAPTER 4*

### **Introduction to Tools/Language**

#### **4.1 :Introduction:**

System design is a process through which requirements are translated into a representation of software. Initially the representation depicts a holistic view of software. Subsequent refinement leads to a design representation that is very close to source code. Design is a place where quality is fostered in software development. Design provides us with representation of software that can be accessed for quality; this is the only way that can accurately translate the customer requirements into finished software product or system. System design serves as the foundation for all software engineering and software maintenance steps that follow.

We look at the design process from three distinct perspectives :

Conceptual Design

Logical Design

Physical Design

The higher view is the conceptual view , followed by the logical view and finally the physical view. In designing an application , we generally begin and end each phase in a sequential order, although they may overlap one another along the way.

**The Conceptual View:**

Conceptual design is the process of acquiring and evaluating , documenting and then validating what the user envisions to be the business relation. It identifies the user and business requirements of the application and leads to a business solution as seen by the user.

All the applications are built to solve business problems and it is important to pay close attention to principle that the business need drives application development .At any point in the design process , the current state of the design should be directly traceable to business problem and requirements.

To achieve this conceptual design is driven by developing usage scenarios. These scenarios are a direct representation of the user's view of the solution to a specific business problem.

### The Logical Design

The Logical Design derives business objects and their related services directly from these scenarios. The logical view of the solution provides a basis for evaluating different physical options. It also formalizes the solution for the project team.

The idea of the application is that the system first emerges in logical design .Its boundaries and business objects and it contains the system definition .Logical design specifies the interfaces between the system and external entities such as users and other systems . Within a system there may be a number of sub-systems, and these boundaries are also specified.

Logical System design consists of the following steps :

Input/Output Specifications

File Specifications

Processing Specifications

Logical design should be technologically independent as possible , in order to separate system behaviour issues from system implementation issues. Implementation constraints should only be considered only after the project team verifies that the essential behaviour has been incorporated onto

a logical design. This approach does not establish a technical direction until the system is well understood and documented.

#### Physical Design:

The purpose of physical design is to translate the logical design into a solution that can be implemented effectively , according to performance, administration and development process requirements. This physical view should correctly implement the desired system behaviour while meeting the constraints imposed by the technology.

In the Physical Design , the perspective shifts from an abstraction of system behaviour to an implementation of the behaviour .Where as the logical design is largely technology independent. Physical design is necessarily tied to chosen set of technologies , these being the hardware and software on which the application will run.

Physical design consists of following steps :

#### 1.Design the physical media

- Specify input output media
- Design the database and specify backup procedures
- Design the physical information flow through the system

#### 2.Plan the system implementation

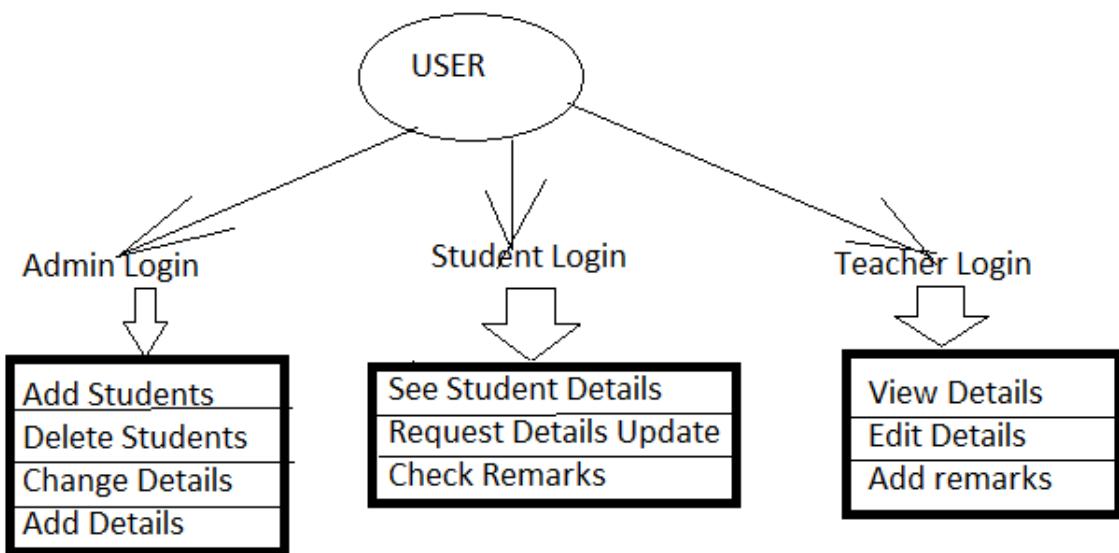
- Prepare conversion schedule target date.
- Determine training procedure, courses and timetable.

#### 3.Device a test and implementation plan

#### 4.Specify any new Hardware Software usage.

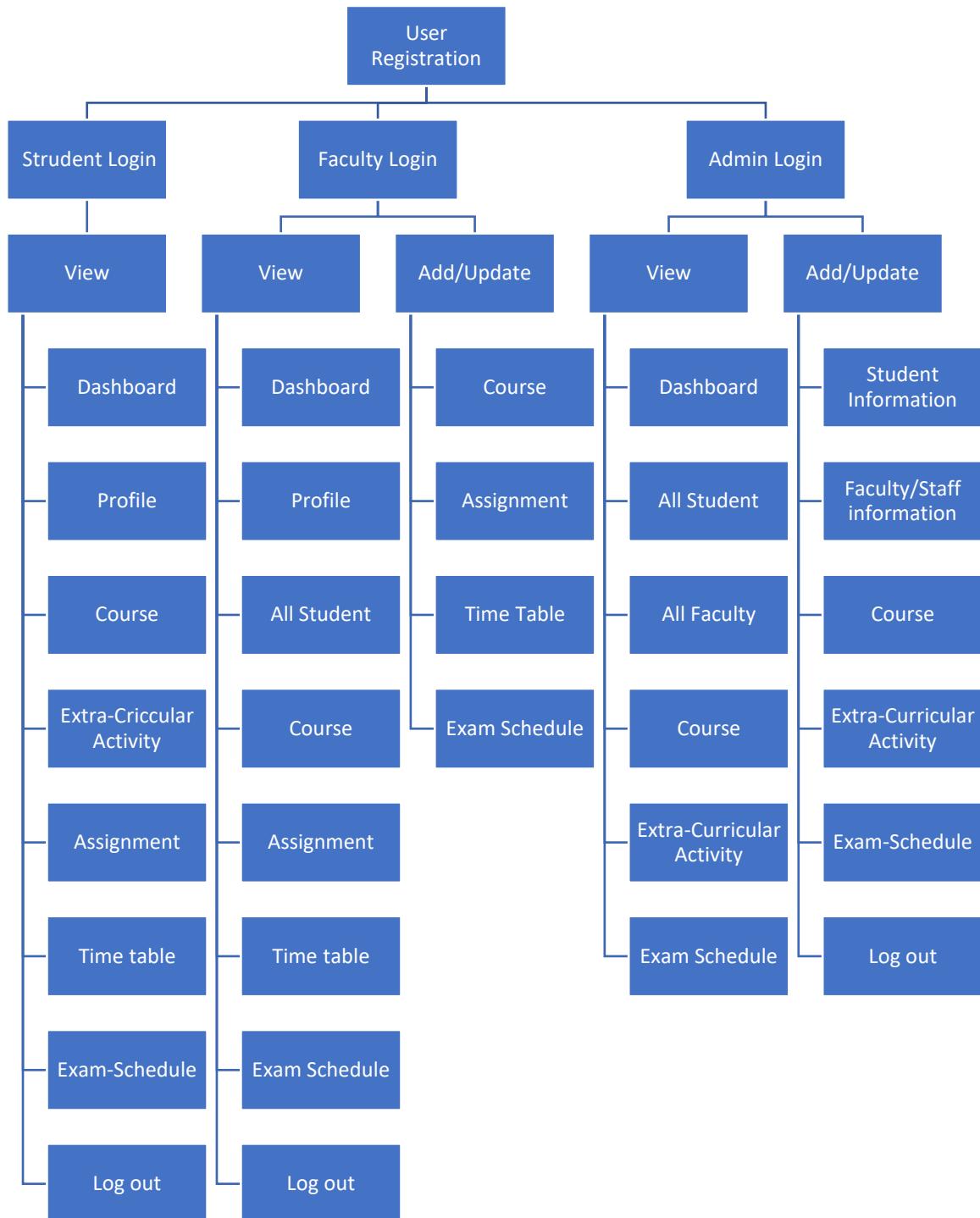
#### 5.Update benefits , costs , conversions date and system constraints.

## USE CASE DIAGRAM



# SYSTEM DESIGN

## 5.2 DATA FLOW DIAGRAM:



## **5.2 DATABASE TABLE:**

The database for the College Management System consists of the following tables:

- \* Students
  - \* Student ID
  - \* Name
  - \* Email
  - \* Department
  - \* Passing Year
- \* Courses
  - \* Course ID
  - \* Name
  - \* Fees
- \* Teachers
  - \* Teacher ID
  - \* Name
  - \* Mobile No.
  - \* Address
  - \* Degree
  - \* Institute
  - \* Experience

## **Relationships**

The following relationships exist between the tables:

- \* One student can take many courses.
- \* One course can be taken by many students.
- \* One teacher can teach many courses.
- \* One course can be taught by many teachers.

## Data Types

The following data types are used in the database:

- \* Student ID: Integer
- \* Name: String
- \* Email: String
- \* Year: String
- \* Course ID: Integer
- \* Name: String
- \* Department: String
- \* Credits: Integer
- \* Teacher ID: Integer
- \* Name: String
- \* Department: String
- \* Fees: String

## Constraints

The following constraints are defined on the database:

- \* The Student ID field is the primary key for the Students table.

- \* The Course ID field is the primary key for the Courses table.
- \* The Teacher ID field is the primary key for the Teachers table.
- \* The Student ID field in the Courses table is a foreign key referencing the Student ID field in the Students table.
- \* The Course ID field in the Teachers table is a foreign key referencing the Course ID field in the Courses table.

## Example Data

The following is example data for the College Management System database:

### Student Table

ID	First Name	Last Name	Email	Department	Admission Year
1	Swati	Behera	swati@gmail.com	BCA	2020-2024
2	Disha	Pattnaik	disha@gmail.com	MCA	2021-2023

### Faculty Table

ID	Full Name	Mobile No.	Address	Degree	Institute	Experiense
1	Rashmi Prava Mishra	9178258963	AG Square, BBSR	PHD in Project Management	USBM	4 yrs
2	Smruti Rout	8144562985	Niladri Vihar, BBSR	PHD in CS	USBM	3 yrs

### Course Details

Course ID	Course Name	Course Fees
1	BCA	105000
2	MCA	210000

3	BBA	105000
4	MBA	250000

## Extra-Curricular Activities

ID	Activity Name	Activity Description	Category	Date
1	Indoor Activity	Chess, IT Quiz, Rangoli, Debate etc.	Annual Sports	23/10/23 to 02/11/23
2	Outdoor Activity	Industrial visit	Study tour	02/08/2023
3	Outdoor Activity	Cricket	Study tour	03/11/2023

## Exam Details

Exam Name	Subject	Date	Time	Total Mark	Passing Mark
2 <sup>nd</sup> Sem BCA	C++ Data Structure Statistics	26/03/2024-28/03/2024	10:00 – 12:00	300	120

## **5.2 Module Description:**

### **5.2.1 User Registration Module**

The user registration module is responsible for allowing new users to create an account in the College Management System. This module includes the following features:

- \* Registration form: The registration form collects the user's personal information, such as their name, email address, Phone number and password.
- \* Validation: The registration form validates the user's input to ensure that all required fields are filled .
- \* Account creation: Once the user's input has been validated, the system creates a new account for the user.

#### **Benefits**

The user registration module provides the following benefits:

- \* Easy account creation: The registration form makes it easy for users to create an account in the system.
- \* Validation: The validation process helps to ensure that the user's input is correct and complete.
- \* Account security: The confirmation email process helps to protect the user's account from unauthorized access.

#### **Code for User Registration:**

```
db_connection.php

<?php

// Database connection parameters

$servername = "localhost"; // Change this to your database server name

$username = "root"; // Change this to your database username

$password = "lushan22"; // Change this to your database password
```

```
$database = "cmsa"; // Change this to your database name
```

```
$conn = new mysqli($servername, $username, $password, $database);
```

```
if ($conn->connect_error) {
```

```
die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
?>
```

```
demo.php
```

```
<?php
```

```
$servername = "localhost"; // Change this to your database server name
```

```
$username = "root"; // Change this to your database username
```

```
$password = "lushan22"; // Change this to your database password
```

```
$database = "cmsa"; // Change this to your database name
```

```
$conn = new mysqli($servername, $username, $password, $database);
```

```
if ($conn->connect_error) {
```

```
die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
//echo "Connected successfully";
```

```
?>
```

```
Index.php
```

```
<!DOCTYPE html>
```

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

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Login Page</title>
```

```
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css"> <!-- Include Font Awesome CSS -->
```

```
<style>
/* CSS for styling the login form */
body {
    margin: 0;
    padding: 0;
    font-family: Arial, sans-serif;
    background-image: url('image/c2.jpg'); /* Replace 'background.jpg' with the path to your
background image */
    background-size: cover;
    background-position: center;
    height: 100vh;
    display: flex;
    justify-content: center;
    align-items: center;
}
.login-container {
    width: 300px;
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.8);
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
}
.login-container h2 {
    text-align: center;
}
.login-form input {
    width: 100%;
    margin-bottom: 10px;
    padding: 10px;
    border: 1px solid #ccc;
```

```
border-radius: 3px;  
box-sizing: border-box;  
}  
  
.login-form input[type="submit"] {  
width: 100%;  
background-color: #4CAF50;  
color: white;  
cursor: pointer;  
}  
  
.login-form input[type="submit"]:hover {  
background-color: #45a049;  
}  
  
.center {  
text-align: center;  
margin-top: 50px; /* Adjust as needed */  
}  
  
.signup-form input[type="submit"] {  
width: 30%;  
background-color: #4CAF50;  
color: white;  
cursor: pointer;  
}  
  
.top-right-button {  
position: fixed;  
width: 30%;  
top: 10px; /* Adjust as needed */  
right: 10px; /* Adjust as needed */  
}  
  
.button_reg {
```

```
display: inline-block;
padding: 10px 20px;
background-color: #4CAF50;
color: #fff;
text-decoration: none;
border: none;
border-radius: 5px;
cursor: pointer;
}

</style>

</head>

<body>

<div class="login-container">

<h2>Login</h2>

<form class="login-form" action="submit_login.php" method="POST">

<label for="username">Username:</label>
<input type="text" id="username" name="username" >

<label for="password">Password:</label>
<input type="password" id="password" name="password" >

<label for="">User Type:</label>
<input type="text" id="usertype" name="usertype" >

<div class="center">
<input type="submit" value="Login"><br>
</div>

<!-- Facebook Icon --><div class="row">
<div class="col-md-4" style="text-align: left; >
<a href="#" style="text-decoration: none; color: #385185;"><i class="fab fa-facebook-f fa-lg" style="margin-right: 10px;"></i></a>
<!-- Instagram Icon -->
```

```
<a href="#" style="text-decoration: none; color: #E1306C;"><i class="fab fa-instagram fa-lg" style="margin-right: 10px;"></i></a>

</div>

<!-- You can add more social media icons and links here --&gt;

&lt;div class="col-md-10" style="text-align: right; "&gt;
&lt;a href="add_admin.php" class="button_reg"&gt;Register As Admin&lt;/a&gt;
&lt;/div&gt;

&lt;/form&gt;

&lt;/div&gt;

&lt;/body&gt;
&lt;/html&gt;

submit_login.php

&lt;?php

// Start a PHP session

session_start();

include 'db_connection.php';

//echo "ggg";

// Check if the form is submitted

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

    echo "ggg1";

    $usertype=$_POST['usertype'] ;



    echo $usertype;

    if($usertype==='admin'){

        if (isset($_POST['username']) &amp;&amp; isset($_POST['password']) &amp;&amp; isset($_POST['usertype'])) {

            $username = $_POST['username'];

            $password = $_POST['password'];

            $usertype = $_POST['usertype'];

</pre>
```

```
$sql = "SELECT * FROM admin WHERE admin_name = '$username' AND password = '$password'AND usertype = '$usertype'";  
$result = $conn->query($sql);  
  
if ($result->num_rows!=0) {  
    echo "inside";  
    $_SESSION['username'] = $username;  
    $_SESSION['usertype'] = $usertype;  
    header("Location: admin_dashboard.php");  
    exit();  
}  
  
else{  
    header("Location: index.php");  
}  
}  
}  
  
if($usertype==='student'){  
if (isset($_POST['username']) && isset($_POST['password']) && isset($_POST['usertype'])) {  
    $username = $_POST['username'];  
    $password = $_POST['password'];  
    $usertype = $_POST['usertype'];  
    $sql = "SELECT * FROM students WHERE username = '$username' AND password = '$password'AND usertype = '$usertype'";  
    $result = $conn->query($sql);  
    if ($result->num_rows!=0) {  
        echo "inside";  
        $_SESSION['username'] = $username;  
        $_SESSION['usertype'] = $usertype;  
  
        header("Location: student_dashboard.php");  
        exit();  
    }  
}
```

```
    }

    else{
        header("Location: index.php");
    }

}

if($usertype==='faculty'){

    if (isset($_POST['username']) && isset($_POST['password']) && isset($_POST['usertype'])) {

        $username = $_POST['username'];
        $password = $_POST['password'];
        $usertype = $_POST['usertype'];

        $sql = "SELECT * FROM new_faculty WHERE username = '$username' AND password = '$password'AND usertype = '$usertype'";
        $result = $conn->query($sql);

        if ($result->num_rows!=0) {
            echo "inside";
            $_SESSION['username'] = $username;
            $_SESSION['usertype'] = $usertype;
            header("Location: teacher_dashboard.php");
            exit();
        }
    }
}
else{
    header("Location: index.php");
}

}

}

?>
```

## **5.2.2 Student Information Management Module:**

The student information management module is responsible for managing all aspects of student data, including:

- \* Student registration: The module allows students to register for classes and view their class schedules.
- \* Student records: The module maintains a complete record of each student's academic history, including their transcripts, grades, and attendance.
- \* Student accounts: The module manages student accounts, including tuition and fees, financial aid, and scholarships.

### **Benefits**

The student information management module provides the following benefits:

- \* Centralized student data: The module provides a central repository for all student data, making it easy to access and manage.
- \* Improved student services: The module provides tools to help students register for classes, view their transcripts, and get academic advising.
- \* Increased efficiency: The module automates many tasks, such as student registration and transcript processing, which can save time and improve efficiency.

### **Code for Student Information Management:**

#### **add\_student.php**

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"
crossorigin="anonymous">

<title>Dashboard</title>

<link rel="stylesheet" href="style.css">

<style>

.widget {
    background-color: #f2f2f2;
    padding: 20px;
    margin-left: 100px;
    margin-bottom: 20px;
    border-radius: 5px;
}

.widget h2 {
    margin-top: 0;
}

.submit-button-wrapper {
    text-align: center;
}

</style>

</head>

<body>

<?php

    include'sidebar.php';
```

```
include'header.php';  
?  
<div class="dashboard">  
<div class="widget">  
  
<h2 style="text-align: center;">Student Admission Form</h2>  
<div class="content">  
<div class="widget">  
<div class="row"></div><br>  
<div class="row">  
<div class="col-md-3"></div>  
<div class="col-md-6">  
<form action="submit_student.php" method="post" enctype="multipart/form-data">  
  
<div class="form-group">  
<h3>Add Personal Details:</h3><br>  
  
<label for="student_id">Student ID:</label><br>  
<input type="text" id="student_id" class="form-control" name="student_id"><br>  
  
<label for="first_name">First Name:</label><br>  
<input type="text" id="first_name" class="form-control" name="first_name"><br>  
  
<label for="last_name">Last Name:</label><br>  
<input type="text" id="last_name" class="form-control" name="last_name"><br>
```

```
<label for="date_of_birth">Date of Birth:</label><br>
<input type="date" id="date_of_birth" class="form-control" name="date_of_birth"><br>

<label for="gender">Gender:</label><br>
<select id="gender" class="form-control" name="gender">
    <option value="male">Male</option>
    <option value="female">Female</option>
    <option value="other">Other</option>
</select><br>

<label for="email">Email Address:</label><br>
<input type="email" id="email" class="form-control" name="email"><br>

<label for="contact_number">Contact Number:</label><br>
<input type="text" id="contact_number" class="form-control" name="contact_number"><br>

<label for="address">Address:</label><br>
<textarea id="address" name="address" class="form-control" ></textarea><br>

<label for="emergency_contact_person">Emergency Contact Person:</label><br>
<input type="text" id="emergency_contact_person" class="form-control" name="emergency_contact_person"><br>

<label for="emergency_contact_number">Emergency Contact Number:</label><br>
<input type="text" id="emergency_contact_number" class="form-control" name="emergency_contact_number"><br>
```

```
<label for="guardian_name">Guardian's Name:</label><br>
<input type="text" id="guardian_name" class="form-control" name="guardian_name"><br>

<label for="guardian_email">Guardian's Email:</label><br>
<input type="email" id="guardian_email" class="form-control" name="guardian_email"><br>

<label for="guardian_contact_number">Guardian's Contact Number:</label><br>
<input type="text" id="guardian_contact_number" class="form-control" name="guardian_contact_number"><br>

<label for="student_photo">Photo:</label><br>
<input type="file" id="student_photo" accept="image/*" class="form-control" name="student_photo"><br>

<h3>Add Course Details:</h3><br>

<?php
// Assuming you have already established a database connection

// Query to retrieve class options from the database
$query = "SELECT * FROM courses";
$result = mysqli_query($conn, $query);

// Check if query was successful
if ($result) {
    echo '<label for="firstname">Select your Course:</label>';
    echo '<select id="course_name" class="form-control" name="course_name">';


```

```
// Default option for the select field
echo '<option value="">Select a Course</option>';

// Loop through the results and generate option elements
while ($row = mysqli_fetch_assoc($result)) {
    $course_name = $row['course_name'];
    echo "<option value=\"$course_name\">$course_name</option>";
}

echo '</select><br><br>';
} else {
    // Handle database query error
    echo "Error: " . mysqli_error($conn);
}

// Close the database connection
mysqli_close($conn);
?>
<label for="admission_year">Admission Year:</label><br>
<input type="number" id="admission_year" class="form-control" name="admission_year"><br>

<label for="batch">Date Of Admission:</label><br>
<input type="date" id="date_of_admission" class="form-control"
name="date_of_admission"><br>
```

```
<h3>Add Authentication Details:</h3><br>

<label for="department">Username:</label><br>

<input type="text" id="username" class="form-control" name="username"><br>

<br>

<label for="admission_year">Password:</label><br>

<input type="number" id="password" class="form-control" name="password"><br>

<br>

<label for="batch">User Type:</label><br>

<input type="text" id="usertype" class="form-control" name="usertype" value="student"><br>

<br>

<br>

<div class="submit-button-wrapper">

<input type="submit" class="btn btn-primary" value="Submit"></div>

</div>

</div>

</div>

<div class="col-md-3"></div>

</div>

</div>

</form>

<br>

</div>

</div>

</div>
```

```
<?php  
// Include database connection  
include'footer.php';  
?  
</html>
```

**view\_student.php**

```
<?php  
// Include database connection  
include'db_connection.php';  
?  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <title>View User</title>  
    <link rel="stylesheet" href="style.css">  
  
<style>  
    .widget {  
        background-color: #f2f2f2;  
        padding: 20px;  
        margin-left: 100px;  
        margin-bottom: 20px;  
        border-radius: 5px;
```

```
    }

    .widget h2 {
        margin-top: 0;
    }

</style>

</head>

<body>

<?php

    // Include database connection

    include'sidebar.php';

    include'header.php';

?>

<div class="dashboard">

<div class="widget">

<h2>Welcome to Student Dahboard</h2></div>

<div class="content">

<div class="widget">

<?php

    // Include database connection

    include 'db_connection.php';

    // Select data from the user table

    $sql = "SELECT * FROM students";

    $result = $conn->query($sql);
```

```
// Check if there are any rows returned

if ($result->num_rows > 0) {

    // Output data of each row

    echo "<table border='1'>";

    echo "<tr><th>ID</th><th>First Name</th><th>Last
Name</th><th>Email</th><th>Department</th><th>Admission Year</th><th>Date Of
Admission</th><th>G Contact No</th><th>Photo</th><th>Stream</th><th>Actions</th></tr>";

    while($row = $result->fetch_assoc()) {

        echo "<tr>";

        echo "<td>". $row["id"]. "</td>";

        echo "<td>". $row["first_name"]. "</td>";

        echo "<td>". $row["last_name"]. "</td>";

        echo "<td>". $row["email"]. "</td>";

        echo "<td>". $row["department"]. "</td>";

        echo "<td>". $row["admission_year"]. "</td>";

        echo "<td>". $row["date_of_admission"]. "</td>";

        echo "<td>". $row["guardian_contact_number"]. "</td>";

        echo "<td>". $row["student_photo"]. "</td>";

        echo "<td>". $row["department"]. "</td>";

        echo "<td>";

        echo "<a href='view_students_each_detail.php?id=". $row["id"]. "'>Details</a> ";

        echo "</td>";

        echo "</tr>";

    }

    echo "</table>";

} else {
```

```
echo "0 results";  
}  
  
// Close connection  
$conn->close();  
?  
  
</div>  
</div>  
</div>  
</body>  
  
<?php  
// Include database connection  
include'footer.php';  
?  
</html>  
  
view_all_student.php  
<?php  
// Include database connection  
include'db_connection.php';  
?  
  
<!DOCTYPE html>  
<html lang="en">
```

```
<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>View User</title>

    <link rel="stylesheet" href="style.css">

<style>

    .widget {

        background-color: #f2f2f2;

        padding: 20px;

        margin-left: 100px;

        margin-bottom: 20px;

        border-radius: 5px;

    }

    .widget h2 {

        margin-top: 0;

    }

</style>

</head>

<body>

<?php

    // Include database connection

    include'sidebar.php';

    include'header.php';

?>

<div class="dashboard">
```

```
<div class="widget">

<h2>Welcome to USER DASHBOARD</h2></div>

<div class="content">
<div class="widget">
<?php

// Include database connection

include 'db_connection.php';

// Select data from the user table

$sql = "SELECT * FROM students";

$result = $conn->query($sql);

// Check if there are any rows returned

if ($result->num_rows > 0) {

    // Output data of each row

    echo "<table border='1'>";

    echo "<tr><th>Sl. No</th><th>StudentId</th><th>First
NAme</th><th>LastNmae</th><th>DatePf birth</th><th>contact
Number</th><th>Address</th><th>Action</th></tr>";

    while($row = $result->fetch_assoc()) {

        echo "<tr>";

        echo "<td>". $row["id"]. "</td>";

        echo "<td>". $row["student_id"]. "</td>";

        echo "<td>". $row["first_name"]. "</td>";

        echo "<td>". $row["last_name"]. "</td>";

        echo "<td>". $row["date_of_birth"]. "</td>";

    }
}
```

```
echo "<td>". $row["contact_number"]. "</td>";  
echo "<td>". $row["address"]. "</td>";  
echo "<td><a href='view_students_each_detail.php?id=". $row["id"]. "'>Details</a></td> ";  
  
echo "</tr>";  
}  
echo "</table>";  
} else {  
    echo "0 results";  
}  
  
// Close connection  
$conn->close();  
?  
  
</div>  
</div>  
</div>  
</body>  
  
<?php  
// Include database connection  
include'footer.php';  
?  
</html>
```

**edit\_student.php**

```
<?php  
    // Include database connection  
    include'db_connection.php';  
?  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <title>View User</title>  
    <link rel="stylesheet" href="style.css">  
  
<style>  
    .widget {  
        background-color: #f2f2f2;  
        padding: 20px;  
        margin-left: 100px;  
        margin-bottom: 20px;  
        border-radius: 5px;  
    }  
    .widget h2 {  
        margin-top: 0;  
    }  
  
</style>
```

```
</head>

<body>

<?php

    // Include database connection

    include'sidebar.php';

    include'header.php';

?>

<div class="dashboard">

    <div class="widget">

        <h2>Welcome to Student Mangement</br>

        Update</h2></div>

        <div class="content">

            <div class="widget">

                <?php

                    // Include database connection

                    include 'db_connection.php';

                    // Select data from the user table

                    $sql = "SELECT * FROM user";

                    $result = $conn->query($sql);

                    // Check if there are any rows returned

                    if ($result->num_rows > 0) {

                        // Output data of each row

                        echo "<table border='1'>";
```

```
echo

"<tr><th>ID</th><th>Username</th><th>password</th><th>firstname</th><th>lastname</th><th>phoneno</th><th>Email</th><th>Actions</th></tr>";

while($row = $result->fetch_assoc()) {

    echo "<tr>";

    echo "<td>". $row["id"]. "</td>";

    echo "<td>". $row["username"]. "</td>";

    echo "<td>". $row["password"]. "</td>";

    echo "<td>". $row["firstname"]. "</td>";

    echo "<td>". $row["lastname"]. "</td>";

    echo "<td>". $row["phoneno"]. "</td>";

    echo "<td>". $row["email"]. "</td>";

    echo "<td>". $row["usertype"]. "</td>";

    echo "<td>";

    echo "<a href='edit_user.php?id=". $row["id"]. "'>Edit</a> ";

    echo "<a href='delete_user.php?id=". $row["id"]. "' onclick='return confirm(\"Are you sure you want to delete this user?\")'>Delete</a>";

    echo "</td>";

    echo "</tr>";

}

echo "</table>";

} else {

    echo "0 results";

}

// Close connection

$conn->close();

?>
```

```
</div>

</div>

</div>

</body>

<?php

    // Include database connection

    include'footer.php';

?>

</html>

view_update_student.php

<?php

    // Include database connection

    include'db_connection.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>View User</title>

    <link rel="stylesheet" href="style.css">

<style>

    .widget {

        background-color: #f2f2f2;
```

```
padding: 20px;  
margin-left: 100px;  
margin-bottom: 20px;  
border-radius: 5px;  
}  
  
.widget h2 {  
margin-top: 0;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<?php  
  
// Include database connection  
  
include'sidebar.php';  
  
include'header.php';  
  
?>  
  
<div class="dashboard">  
  
<div class="widget">  
  
<h2>Welcome to Student Dahboard</h2></div>  
  
<div class="content">  
  
<div class="widget">  
  
<?php  
  
// Include database connection  
  
include 'db_connection.php';
```

```
// Select data from the user table

$sql = "SELECT * FROM students";

$result = $conn->query($sql);

// Check if there are any rows returned

if ($result->num_rows > 0) {

    // Output data of each row

    echo "<table border='1'>";

    echo "<tr><th>ID</th><th>First Name</th><th>Last
Name</th><th>Email</th><th>Department</th><th>Admission Year</th><th>Date Of
Admission</th><th>G Contact No</th><th>Photo</th><th>Stream</th><th>Actions</th></tr>";

    while($row = $result->fetch_assoc()) {

        echo "<tr>";

        echo "<td>". $row["id"]. "</td>";

        echo "<td>". $row["first_name"]. "</td>";

        echo "<td>". $row["last_name"]. "</td>";

        echo "<td>". $row["email"]. "</td>";

        echo "<td>". $row["department"]. "</td>";

        echo "<td>". $row["admission_year"]. "</td>";

        echo "<td>". $row["date_of_admission"]. "</td>";

        echo "<td>". $row["guardian_contact_number"]. "</td>";

        echo "<td>". $row["student_photo"]. "</td>";

        echo "<td>". $row["department"]. "</td>";

        echo "<td>";

        echo "<a href='edit_user.php?id=". $row["id"]. "'>Edit</a> ";

    }

}
```

```
echo "<a href='delete_user.php?id=". $row["id"]. "' onclick='return confirm(\"Are you sure  
you want to delete this user?\")'>Delete</a>";  
  
echo "</td>";  
  
echo "</tr>";  
  
}  
  
echo "</table>";  
  
} else {  
  
echo "0 results";  
  
}  
  
  
// Close connection  
  
$conn->close();  
  
?>  
  
</div>  
  
</div>  
  
</div>  
  
</body>  
  
  
<?php  
  
// Include database connection  
  
include'footer.php';  
  
?>  
  
</html>  
  
  
submit_student.php  
  
<?php
```

```
// Check if the form is submitted

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

    include 'db_connection.php';

    // Retrieve form data

    $student_id = $_POST['student_id'];

    $first_name = $_POST['first_name'];

    $last_name = $_POST['last_name'];

    $date_of_birth = $_POST['date_of_birth'];

    $gender = $_POST['gender'];

    $email = $_POST['email'];

    $contact_number = $_POST['contact_number'];

    $address = $_POST['address'];

    $course_name = $_POST['course_name'];

    $admission_year = $_POST['admission_year'];

    $emergency_contact_person = $_POST['emergency_contact_person'];

    $emergency_contact_number = $_POST['emergency_contact_number'];

    $guardian_name = $_POST['guardian_name'];

    $guardian_email = $_POST['guardian_email'];

    $guardian_contact_number = $_POST['guardian_contact_number'];

    $date_of_admission = $_POST['date_of_admission'];

    $username = $_POST['username'];

    $password = $_POST['password'];

    $usertype = $_POST['usertype'];
```

```
// Processing the uploaded file (student photo)

$target_dir = "student_photos/";

$target_file = $target_dir . basename($_FILES["student_photo"]["name"]);

// Move the uploaded file to the student_photos directory

if (move_uploaded_file($_FILES["student_photo"]["tmp_name"], $target_file)) {

    // SQL query to insert student data into the database

    $sql = "INSERT INTO students (student_id, first_name, last_name, date_of_birth, gender,
email, contact_number, address, course_name, admission_year,
date_of_admission, emergency_contact_person, emergency_contact_number, guardian_name,
guardian_email, guardian_contact_number, student_photo, username, password, usertype)
VALUES ('$student_id', '$first_name', '$last_name', '$date_of_birth', '$gender', '$email',
'$contact_number', '$address', '$course_name', '$admission_year', '$date_of_admission',
'$emergency_contact_person', '$emergency_contact_number', '$guardian_name',
'$guardian_email', '$guardian_contact_number',
'$target_file', '$username', '$password', '$usertype')";

    if ($conn->query($sql) === TRUE) {

        echo "New record created successfully";

        header("Location: add_student.php");

    } else {

        echo "Error: " . $sql . "<br>" . $conn->error;

    }

} else {

    echo "Sorry, there was an error uploading your file.";

}

// Close database connection
```

```
$conn->close();  
}  
?>
```

**enroll\_student.php**

```
<?php  
// Include database connection  
include'db_connection.php';  
?>  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hW+ALEwIH" crossorigin="anonymous">  
  
<title>Dashboard</title>  
    <link rel="stylesheet" href="style.css">  
    <style>  
        .widget {  
            background-color: #f2f2f2;  
            padding: 20px;  
            margin-left: 100px;
```

```
margin-bottom: 20px;  
border-radius: 5px;  
}  
  
.widget h2 {  
margin-top: 0;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<?php  
  
// Include database connection  
include'sidebar.php';  
  
include'header.php';  
  
?>  
  
<div class="dashboard">  
  
<div class="widget">  
  
  
<h2>Welcome to ADMIN dashboard</h2></div>  
  
<div class="content">  
  
<div class="widget">  
  
<div class="row"></div><br>  
  
<div class="row">  
  
<div class="col-md-3"></div>  
  
<div class="col-md-6">  
  
<form action="submit_enroll_student.php" method="post">
```

```
<div class="form-group">

<?php

// Assuming you have already established a database connection

// Query to retrieve class options from the database
$query = "SELECT * FROM user";

$result = mysqli_query($conn, $query);

// Check if query was successful
if ($result) {

    echo '<label for="firstname">Select your Name:</label>';
    echo '<select id="firstname" class="form-control" name="firstname">';

    // Default option for the select field
    echo '<option value="">Select a Name</option>';

    // Loop through the results and generate option elements
    while ($row = mysqli_fetch_assoc($result)) {

        $firstname = $row['firstname'];
        echo "<option value=\"$firstname\">$firstname</option>";
    }

    echo '</select><br><br>';
} else {

    // Handle database query error
}
```

```
echo "Error: " . mysqli_error($conn);

}

// Close the database connection
mysqli_close($conn);
?>

<label for="lastname">Lastname:</label><br>
<input type="text" class="form-control" id="lastname" name="lastname" ><br><br>
<label for="usertype">Usertype:</label><br>
<input type="text" class="form-control" id="usertype" name="usertype" ><br><br>

<label for="class">Select your class:</label>
<select id="class_name" class="form-control" name="class_name">
    <option value="MCA">MCA</option>
    <option value="BCA">BCA</option>
</select>
<div class="row"></div><br>

<input type="submit" value="Enroll Student">
</div>
</div>
<div class="col-md-3"></div>
</div>
</div>
```

```
</form>

</div>

</div>

</div>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

<script>

$(document).ready(function(){

    $("#firstname").change(function(){

        var selectedFirstName = $(this).val();

        $.ajax({

            url: 'get_user_info.php',
            method: 'POST',
            data: { firstname: selectedFirstName },
            success: function(response){

                var userData = JSON.parse(response);

                $("#lastname").val(userData.lastname);
                $("#usertype").val(userData.usertype);

            }
        })
    })
}

</script>

</body>

<?php

    include'footer.php';
```

```
?>

</html>

submit_enroll_student.php

<?php

    include 'db_connection.php';

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

        //Collect form data

        $firstname = $_POST["firstname"];

        $lastname = $_POST["lastname"];

        $usertype = $_POST["usertype"];

        $class_name = $_POST["class_name"];

        function generateRandomString($length = 6) {

            $characters = '0123456789ABCDEFGHIJKLMNPQRSTUVWXYZ';

            $randomString = "";

            for ($i = 0; $i < $length; $i++) {

                $randomString .= $characters[rand(0, strlen($characters) - 1)];

            }

            return $randomString;

        }

        $registrationNumber = 'REG' . date('Ymd') . generateRandomString(4);

        $sql = "UPDATE user

SET register_no = '$registrationNumber',class_name='$class_name'

WHERE firstname = '$firstname' AND lastname = '$lastname'AND usertype = '$usertype'

";

        if ($conn->query($sql) === TRUE) {
```

```
echo "New record created successfully";

header("Location: enroll_student.php");

exit;

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

?

?>
```

**student\_dashboard.php**

```
<?php

include'db_connection.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Dashboard</title>

<link rel="stylesheet" href="style.css">

<style>

.widget {

background-color: #f2f2f2;

padding: 20px;

margin-bottom: 20px;

margin-left: 180px;
```

```
border-radius: 5px;  
}  
.widget h2 {  
margin-top: 0;  
}  
</style>  
</head>  
<body>  
<?php  
// Include database connection  
include'sidebar.php';  
include'header.php';  
?>  
<div class="dashboard">  
  
<div class="content">  
  
<div class="widget"> <h2 style="text-align: center">Welcome to Student dashboard</h2>  
 <h2>Student Academic</h2>  
 <p>Give details .</p>  
</div>  
<div class="widget">  
 <h2>Announcements</h2>  
 <p>No announcements.</p>  
</div>  
<div class="widget">
```

```
<h2>Important Dates</h2>
<p>Next Exam: May 5th, 2024</p>
<p>Registration Deadline: April 30th, 2024</p>
</div>
</div>
</div>
</body>
```

```
<?php
    // Include database connection
    include'footer.php';
?>
</html>

student_profile.php

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">
<title>User Management System</title>
<style>
    .widget {
```

```
background-color: #f2f2f2;  
padding: 20px;  
margin-bottom: 20px;  
border-radius: 5px;  
margin-left:-70px;  
}  
.widget h2 {  
margin-top: 0;  
}  
</style>  
</head>  
<body>  
<?php  
// Include database connection  
include'sidebar.php';  
include'header.php';  
?>  
<div class="container">  
<div class="container-fluid">  
    <div class="row">  
        <div class="col-md-4"></div>  
        <div class="col-md-8">  
            <?php  
            // Include database connection  
            //session_start();  
            include 'db_connection.php';
```

```
$user=$_SESSION['username'];

$sql = "SELECT * FROM students where username='$user'";

$result = $conn->query($sql);

if ($result->num_rows > 0) {

    while ($row = $result->fetch_assoc()) {

        ?>

<div class="content">

<div class="widget">

    <h2>Student Details:</h2>

<?php

    echo "<p>Full Name: " . $row["first_name"] . " " . $row["last_name"] . "</p>";
    echo "<p>Date of Birth: " . $row["date_of_birth"] . "</p>";
    echo "<p>Gender: " . $row["gender"] . "</p>";
    echo "<p>Email: " . $row["email"] . "</p>";
    echo "<p>Contact Number: " . $row["contact_number"] . "</p>";
    echo "<p>Address: " . $row["address"] . "</p>";
    echo "<p>Course: " . $row["course_name"] . "</p>";
    echo "<p>Admission Year: " . $row["admission_year"] . "</p>";
    echo "<p>Emergency Contact Person: " . $row["emergency_contact_person"] . "</p>";
    echo "<p>Emergency Contact Number: " . $row["emergency_contact_number"] . "</p>";
    echo "<p>Guardian's Name: " . $row["guardian_name"] . "</p>";
    echo "<p>Guardian's Email: " . $row["guardian_email"] . "</p>";
    echo "<p>Guardian's Contact Number: " . $row["guardian_contact_number"] . "</p>";
    echo "<p>Student Photo: <img src="" . $row["student_photo"] . "" alt='Student Photo'></p>";

    ?>
```

```
</div>

</div>

</div>

<?php

}

}

else {

    echo "0 results";

}

$conn->close();

?>

</div>

</div>

</div>

</body>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-YvpcrYf0tY3IHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkCldslK1eN7N6jleHz"
crossorigin="anonymous"></script>

<?php

// Include database connection

include'footer.php';

?>

</html>
```

## **5.2.3 Course Management Module:**

The course management module is responsible for managing all aspects of courses, including:

- Course creation: The module allows admin to create new courses and add them to the course catalog.
- Course scheduling: The module allows instructors to schedule their courses and assign them to classrooms.
- Student enrollment: The module allows students to enroll in courses and view their course schedules.

### **Use Cases**

The following are some of the use cases for the course management module:

- An admin wants to create a new course.
- An admin wants to schedule a course.
- A student wants to enroll in a course.

### **Benefits**

The course management module provides the following benefits:

- Centralized course information: The module provides a central repository for all course information, making it easy for instructors and students to access and manage.
- Improved course delivery: The module provides tools to help admin schedule their courses, post course materials, and communicate with their students.

## Code for Course Management:

### **add\_courses.php**

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">

    <title>Dashboard</title>
    <link rel="stylesheet" href="style.css">
<style>
    .widget {
        background-color: #f2f2f2;
        padding: 20px;
        margin-left: 100px;
        margin-bottom: 20px;
        border-radius: 5px;
    }
    .widget h2 {
        margin-top: 0;
    }
    .submit-button-wrapper {
        text-align: center;
```

```
}

</style>

</head>

<body>

<?php

    // Include database connection

    include'sidebar.php';

    include'header.php';

?>

<div class="dashboard">

<div class="widget">

<h2 style="text-align: center;">Welcome to ADD COURSE</h2>

<div class="content">

<div class="widget">

<div class="row"></div><br>

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<form action="submit_course.php" method="post">

<div class="form-group">

<label for="course_name">Course Name:</label>

<input type="text" id="course_name" name="course_name" class="form-control" required><br><br>
```

```
<label for="course_code">Course Code/ID:</label>  
  
<input type="text" id="course_code" name="course_code" class="form-control" required><br><br>  
  
<label for="course_code">Course Fees:</label>  
  
<input type="text" id="course_fees" name="course_fees" class="form-control" required><br><br>  
  
<label for="course_description">Description:</label><br>  
  
<textarea id="course_description" name="course_description" class="form-control" required><br><br>  
  
<label for="credits">Credits:</label>  
  
<input type="number" id="credits" name="credits" class="form-control" required><br><br>  
  
<label for="prerequisites">Prerequisites:</label>  
  
<input type="text" id="prerequisites" name="prerequisites" class="form-control" ><br><br>  
  
<label for="instructor">Instructor:</label>  
  
<input type="text" id="instructor" name="instructor" class="form-control" required><br><br>  
  
<label for="schedule">Schedule:</label>  
  
<input type="text" id="schedule" name="schedule" class="form-control" placeholder="E.g., Monday 10:00 AM - 12:00 PM" required><br><br>  
  
<label for="location">Location:</label>  
  
<input type="text" id="location" name="location" class="form-control" required><br><br>
```

```
<label for="enrollment_limit">Enrollment Limit:</label>

<input type="number" id="enrollment_limit" class="form-control" name="enrollment_limit"
required><br><br>

<label for="resources_needed">Resources Needed:</label>

<input type="text" id="resources_needed" name="resources_needed" class="form-control"
required><br><br>

<label for="grading_scale">Grading Scale:</label>

<input type="text" id="grading_scale" name="grading_scale" class="form-control"
required><br><br>

<label for="assessment_methods">Assessment Methods:</label>

<input type="text" id="assessment_methods" name="assessment_methods" class="form-control"
required><br><br>

<label for="communication_channels">Communication Channels:</label>

<input type="text" id="communication_channels" name="communication_channels" class="form-control"
required><br><br>

<label for="additional_notes">Additional Notes:</label><br>

<textarea id="additional_notes" name="additional_notes" rows="4" cols="50" class="form-control" ></textarea><br><br>

<div class="submit-button-wrapper">

<input type="submit" class="btn btn-primary" value="Submit"></div>

</div>
```

```
</div>

<div class="col-md-3"></div>

</div>

</div>

</form>

</div>

</div>

</div>

<?php

// Include database connection

include'footer.php';

?>

</html>

view_courses.php

<?php

// Include database connection

include 'db_connection.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>View Courses</title>

<link rel="stylesheet" href="style.css">

<style>

.widget {

background-color: #f2f2f2;

padding: 20px;

margin-left: 100px;

margin-bottom: 20px;

border-radius: 5px;

}

.widget h2 {

margin-top: 0;

}

table {

border-collapse: collapse;

width: 100%;

}

th, td {

border: 1px solid #dddddd;

text-align: left;

padding: 8px;

}

th {

background-color: #f2f2f2;

}

.action-links a {
```

```
margin-right: 10px;  
}  
</style>  
</head>  
<body>  
<?php  
// Include sidebar and header  
include 'sidebar.php';  
include 'header.php';  
?>  
<div class="dashboard">  
    <div class="widget">  
        <h2>Welcome to Course Dashboard</h2>  
    </div>  
    <div class="content">  
        <div class="widget">  
            <?php  
                // Select data from the course table  
                $sql = "SELECT * FROM courses";  
                $result = $conn->query($sql);  
                if ($result->num_rows > 0) {  
                    echo "<table>";  
                    echo "<tr><th>Course ID</th><th>Course Name</th><th>COurse  
Code</th><th>COurse Fees</th><th>Description</th></tr>";  
                    while($row = $result->fetch_assoc()) {  
                        echo "<tr>";  
                }  
            }  
        }  
    }  
}</div>
```

```
echo "<td>". $row["course_id"]. "</td>";  
echo "<td>". $row["course_name"]. "</td>";  
echo "<td>". $row["course_code"]. "</td>";  
echo "<td>". $row["course_fees"]. "</td>";  
echo "<td>". $row["course_description"]. "</td>";  
  
echo "</tr>";  
}  
echo "</table>";  
} else {  
echo "No courses found";  
}  
  
// Close connection  
$conn->close();  
?>  
</div>  
</div>  
</div>  
</body>  
<?php  
// Include footer  
include 'footer.php';  
?>  
</html>
```

## **5.2.4 Faculty Management Module:**

The faculty management module is responsible for managing all aspects of faculty data, including:

- Faculty information: The module maintains a complete record of each faculty member's personal information, contact information, and academic credentials.
- Faculty workload: The module tracks each faculty member's workload, including their teaching assignments, research projects, and administrative duties.
- Faculty evaluation: The module provides tools for evaluating faculty performance, including student feedback and peer review.

### **Use Cases**

The following are some of the use cases for the faculty management module:

- A human resources officer wants to add a new faculty member to the system.
- A department chair wants to assign a faculty member to a new course.
- A faculty member wants to update their contact information.

### **Benefits**

The faculty management module provides the following benefits:

- Centralized faculty data: The module provides a central repository for all faculty data, making it easy to access and manage.
- Improved faculty services: The module provides tools to help faculty members manage their workload, access professional development opportunities, and get support from their department chairs and deans.
- Increased faculty productivity: The module helps to increase faculty productivity by providing them with the tools and resources they need to be successful.

### **Code for Faculty Management:**

#### **add\_faculty.php**

```
<!DOCTYPE html>
```

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

```
<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>ADD FACULTY INFORMATION</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">

    <link rel="stylesheet" href="style.css">

<style>

    body {

        background-image: url('image/s1.jpg'); /* Set the path to your background image */

        background-size: cover; /* Ensure the background image covers the entire viewport */

        background-repeat: no-repeat; /* Prevent the background image from repeating */

    }

    .card-widget {

        border: 2px solid #007bff; /* Blue border color */

        border-radius: 5px;

        overflow: hidden; /* Ensure the border doesn't extend beyond the card */

    }

    .card-widget .card-header,

    .card-widget .card-body {

        padding: 20px; /* Add padding to the header and body */

    }


```

```
.container1 {  
    text-align: center; /* Center-align its children */  
}  
  
.container1 input[type="submit"] {  
    margin: 10px; /* Add some space between inputs */  
}  
  
.button_reg {  
    display: inline-block;  
    padding: 10px 20px;  
    background-color: #4CAF50;  
    color: #fff;  
    text-decoration: none;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div class="container">  
  
<div class="container-fluid">  
  
<div class="row"></div><br>  
  
<div class="row">  
  
<div class="col-md-3"></div>
```

```
<div class="col-md-6">
    <div class="card card-widget">
        <div class="card-header">
            <h5 class="card-title" style="text-align: center;">ADD FACULTY DETAILS
            HERE</h5>
        </div>
        <div class="card-body">

            <form action="submit_faculty.php" method="post">
                <div class="form-group">

                    <label for="username">username:</label><br>
                    <input type="text" id="faculty_name" class="form-control"
                           name="faculty_name" required><br><br>

                    <label for="username">Password:</label><br>
                    <input type="text" id="password" class="form-control"
                           name="password" required><br><br>

                    <label for="email">email:</label><br>
                    <input type="email" id="email" class="form-control" name="email" required><br><br>

                    <label for="phone">phone:</label><br>
                    <input type="phone" id="phone" class="form-control" name="phone" required><br><br>

                    <label for="usertype">User Type:</label>
                    <input type="text" id="usertype" class="form-control" name="usertype" value="faculty"
                           readonly><br> </br>

                <div class="container1">
                    <input type="submit" value="Register" class="btn btn-primary">
                </div>
            </form>
        </div>
    </div>
</div>
```

```
<a href="index.php" class=" btn btn-secondary">Cancel</a>  
</div></div>
```

```
</form>  
</div>  
</div>  
</div>  
</div>  
</div>  
</div>  
</div>
```

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

**view\_faculty.php**

```
<?php  
    // Include database connection  
    include'db_connection.php';  
?  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <title>View User</title>
```

```
<link rel="stylesheet" href="style.css">

<style>

.widget {
    background-color: #f2f2f2;
    padding: 20px;
    margin-left: 100px;
    margin-bottom: 20px;
    border-radius: 5px;
}

.widget h2 {
    margin-top: 0;
}

</style>

</head>

<body>

<?php

// Include database connection

include'sidebar.php';

include'header.php';

?>

<div class="dashboard">

<div class="widget">

<h2>Welcome to Faculty DASHBOARD</h2></div>

<div class="content">
```

```
<div class="widget">

<?php

// Include database connection

include 'db_connection.php';

// Select data from the user table

$sql = "SELECT * FROM new_faculty";

$result = $conn->query($sql);

// Check if there are any rows returned

if ($result->num_rows > 0) {

    // Output data of each row

    echo "<table border='1'>";

    echo "<tr><th>ID</th><th>Full
Name</th><th>Phone</th><th>Email</th><th>Address</th><th>Degree</th><th>Institution</th
><th>Major Subject</th><th>Experience</th><th>Teaching
Subject</th><th>Awards</th><th>Actions</th></tr>";

    while($row = $result->fetch_assoc()) {

        echo "<tr>";

        echo "<td>". $row["id"]. "</td>";

        echo "<td>". $row["fullname"]. "</td>";

        echo "<td>". $row["phone"]. "</td>";

        echo "<td>". $row["email"]. "</td>";

        echo "<td>". $row["address"]. "</td>";

        echo "<td>". $row["degree"]. "</td>";

        echo "<td>". $row["institution"]. "</td>";

        echo "<td>". $row["major"]. "</td>";

    }

}

}>
```

```
echo "<td>". $row["experience"]. "</td>";  
echo "<td>". $row["teaching"]. "</td>";  
echo "<td>". $row["awards"]. "</td>";  
echo "<td>";  
echo "<td><a href='view_each_faculty.php?id=". $row["id"]. "'>Details</a></td> ";  
echo "</td>";  
echo "</tr>";  
}  
echo "</table>";  
}  
} else {  
echo "0 results";  
}  
  
// Close connection  
$conn->close();  
?>  
  
</div>  
</div>  
</div>  
</body>  
  
<?php  
// Include database connection  
include'footer.php';  
?>
```

</html>

## **5.2.5 Admission Process Management Module:**

The admission process management module is responsible for managing all aspects of the admission process, including:

- Application processing: The module allows admission officers to process applications for admission, including reviewing transcripts, test scores, and essays.
- Decision making: The module provides tools to help admission officers make decisions about which applicants to admit.
- Offer generation: The module allows admission officers to generate offer letters and send them to admitted applicants.

### **Use Cases**

The following are some of the use cases for the admission process management module:

- An applicant submits an application for admission.
- An admission officer reviews an application for admission.
- An admission officer makes a decision about an applicant's admission.

### **Benefits**

The admission process management module provides the following benefits:

- Streamlined application process: The module provides a streamlined application process for applicants, making it easy for them to submit their applications and track their progress.
- Efficient decision making: The module provides tools to help admission officers make efficient and informed decisions about which applicants to admit.
- Improved communication: The module improves communication between admission officers and applicants, helping to ensure that applicants are kept informed of their application status.

### **Code for Admission Process Management:**

#### **add\_admission\_form**

```
<!DOCTYPE html>

<html lang="en">
```

```
<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"
crossorigin="anonymous">




    <title>Dashboard</title>

    <link rel="stylesheet" href="style.css">

<style>

    .widget {

        background-color: #f2f2f2;

        padding: 20px;

        margin-left: 100px;

        margin-bottom: 20px;

        border-radius: 5px;

    }

    .widget h2 {

        margin-top: 0;

    }

    .submit-button-wrapper {

        text-align: center;

    }

</style>

</head>
```

```
<body>
<?php
// Include database connection
include'sidebar.php';
include'header.php';
?>

<div class="dashboard">
<div class="widget">

<h2 style="text-align: center;">Admission Application Form</h2>

<div class="content">
<div class="widget">
<div class="row"></div><br>
<div class="row">
<div class="col-md-3"></div>
<div class="col-md-6">
<form action="submit_application.php" method="post" enctype="multipart/form-data">
<div class="form-group">
<!-- Personal Information -->
<label for="first_name">First Name:</label>
<input type="text" id="first_name" name="first_name" class="form-control" required><br><br>
<label for="last_name">Last Name:</label>
<input type="text" id="last_name" name="last_name" class="form-control" required><br><br>
```

```
<label for="gender">Gender:</label>  
<select id="gender" name="gender" class="form-control" required>  
    <option value="">Select</option>  
    <option value="Male">Male</option>  
    <option value="Female">Female</option>  
    <option value="Other">Other</option>  
</select><br><br>  
  
<label for="dob">Date of Birth:</label>  
<input type="date" id="dob" name="dob" class="form-control" required><br><br>  
  
<!-- Contact Information -->  
<label for="phone">Phone Number:</label>  
<input type="tel" id="phone" name="phone" class="form-control" required><br><br>  
  
<label for="email">Email Address:</label>  
<input type="email" id="email" name="email" class="form-control" required><br><br>  
  
<label for="address">Address:</label>  
<textarea id="address" name="address" rows="3" cols="30" class="form-control" required></textarea><br><br>  
  
<label for="city">City:</label>  
<input type="text" id="city" name="city" class="form-control" required><br><br>  
  
<label for="state">State/Province:</label>
```

```
<input type="text" id="state" name="state" class="form-control" required><br><br>

<label for="zip">Zip/Postal Code:</label>

<input type="text" id="zip" name="zip" class="form-control" required><br><br>

<label for="country">Country:</label>

<input type="text" id="country" name="country" class="form-control" required><br><br>

<!-- Educational Background -->

<label for="prev_school">Previous School/College Name:</label>

<input type="text" id="prev_school" name="prev_school" class="form-control" required><br><br>

<label for="education_level">Highest Education Level Attained:</label>

<input type="text" id="education_level" name="education_level" class="form-control" required><br><br>

<label for="grad_year">Year of Graduation:</label>

<input type="number" id="grad_year" name="grad_year" class="form-control" required><br><br>

<label for="gpa">Grade Point Average (GPA):</label>

<input type="number" id="gpa" name="gpa" step="0.01" class="form-control" required><br><br>

<!-- Program of Interest -->

<label for="program">Program of Interest:</label>
```

```
<input type="text" id="program" name="program" class="form-control" required><br><br>

<label for="start_date">Intended Start Date:</label>
<input type="date" id="start_date" name="start_date" class="form-control" required><br><br>

<!-- Standardized Test Scores -->
<label for="sat_score">SAT Score:</label>
<input type="number" id="sat_score" name="sat_score" class="form-control" ><br><br>

<label for="act_score">ACT Score:</label>
<input type="number" id="act_score" name="act_score" class="form-control" ><br><br>

<label for="toefl_score">TOEFL Score:</label>
<input type="number" id="toefl_score" name="toefl_score" class="form-control" ><br><br>

<!-- Additional Information -->
<label for="activities">Extracurricular Activities:</label>
<textarea id="activities" name="activities" rows="3" cols="30" class="form-control" ></textarea><br><br>

<label for="volunteer_exp">Volunteer Experience:</label>
<textarea id="volunteer_exp" name="volunteer_exp" rows="3" cols="30" class="form-control" ></textarea><br><br>

<!-- Essay or Personal Statement -->
<label for="personal_statement">Personal Statement:</label><br>
```

```
<textarea id="personal_statement" name="personal_statement" rows="5"
cols="50" class="form-control" ></textarea><br><br>

<!-- Documents Upload -->

<label for="transcript">Transcript:</label>

<input type="file" id="transcript" name="transcript" class="form-control"
accept="application/pdf"><br><br>

<label for="recommendation">Letter of Recommendation:</label>

<input type="file" id="recommendation" name="recommendation" accept="application/pdf"
class="form-control" ><br><br>

<!-- Declaration and Consent -->

<input type="checkbox" id="agree" name="agree" required>

<label for="agree">I agree to the terms and conditions.</label><br><br>

<!-- Submit Button -->

<div class="submit-button-wrapper">

<input type="submit" class="btn btn-primary" value="Submit" ></div>

</div>

</div>

<div class="col-md-3"></div>

</div>

</div>

</form>
```

```
</div>  
</div>  
</div>  
  
<?php  
// Include database connection  
include'footer.php';  
?  
</html>
```

## **5.2.6 Examination Management Module:**

The examination management module is responsible for managing all aspects of examinations, including:

- Exam creation: The module allows instructors to create new exams and add them to the exam schedule.
- Exam scheduling: The module allows instructors to schedule exams and assign them to classrooms.
- Student registration: The module allows students to register for exams and view their exam schedules.
- Result publication: The module allows instructors to publish exam results to students.

### **Use Cases**

The following are some of the use cases for the examination management module:

- An instructor wants to create a new exam.
- An instructor wants to schedule an exam.
- A student wants to register for an exam.
- A student wants to view their exam results.

### **Benefits**

The examination management module provides the following benefits:

- Centralized exam information: The module provides a central repository for all exam information, making it easy for instructors and students to access and manage.
- Improved exam delivery: The module provides tools to help instructors create and schedule exams, and to enter and publish grades.
- Increased student engagement: The module provides students with easy access to exam information and results, which can help to increase student engagement.

### **Code for Examination Management:**

**add\_exam.php**

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">
    <title>Dashboard</title>
    <link rel="stylesheet" href="style.css">
<style>
    .widget {
        background-color: #f2f2f2;
        padding: 20px;
        margin-left: 100px;
        margin-bottom: 20px;
        border-radius: 5px;
    }
}
```

```
.widget h2 {  
    margin-top: 0;  
}  
  
.submit-button-wrapper {  
    text-align: center;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<?php  
  
    include'sidebar.php';  
  
    include'header.php';  
  
?>  
  
<div class="dashboard">  
  
<div class="widget">  
  
<h2 style="text-align: center;">Add Exam Details</h2>  
  
<div class="content">  
  
<div class="widget">  
  
<div class="row"></div><br>  
  
<div class="row">  
  
<div class="col-md-3"></div>  
  
<div class="col-md-6">  
  
<form action="submit_exam.php" method="post">  
  
<div class="form-group">  
  
<label for="exam_name">Exam Name:</label>
```

```
<input type="text" id="exam_name" class="form-control" name="exam_name" required><br>

<label for="exam_code">Exam Code:</label>

<input type="text" id="exam_code" class="form-control" name="exam_code" required>

<label for="description">Description:</label>

<textarea id="description" name="description" class="form-control"></textarea>

<label for="exam_date">Exam Date:</label>

<input type="date" id="exam_date" name="exam_date" class="form-control" required>

<label for="exam_time">Exam Time:</label>

<input type="time" id="exam_time" name="exam_time" class="form-control" required>

<label for="location">Location:</label>

<input type="text" id="location" name="location" class="form-control">

<label for="instructor">Instructor:</label>

<input type="text" id="instructor" name="instructor" class="form-control">

<label for="total_marks">Total Marks:</label>

<input type="number" id="total_marks" name="total_marks" class="form-control" required>

<label for="passing_marks">Passing Marks:</label>

<input type="number" id="passing_marks" name="passing_marks" class="form-control" required>

<br>

<div class="submit-button-wrapper">

<input type="submit" class="btn btn-primary" value="Submit"></div>

</div>
```

```
</div>

<div class="col-md-3"></div>

</div>

</div>

</form>

</div>

</div>

</div>

<?php

// Include database connection

include'footer.php';

?>

view_exam.php

<?php

// Include database connection

include 'db_connection.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>View Curriculum</title>

<link rel="stylesheet" href="style.css">

<style>

.widget {
```

```
background-color: #f2f2f2;  
padding: 20px;  
margin-left: 100px;  
margin-bottom: 20px;  
border-radius: 5px;  
}  
  
.widget h2 {  
margin-top: 0;  
}  
  
table {  
border-collapse: collapse;  
width: 100%;  
}  
  
th, td {  
border: 1px solid #dddddd;  
text-align: left;  
padding: 8px;  
}  
  
th {  
background-color: #f2f2f2;  
}  
  
.action-links a {  
margin-right: 10px;  
}  
  
</style>  
</head>
```

```
<body>

<?php

// Include sidebar and header

include 'sidebar.php';

include 'header.php';

?>

<div class="dashboard">

<div class="widget">

<h2>Welcome to Exam Management</h2>

</div>

<div class="content">

<div class="widget">

<?php

include 'db_connection.php';

$sql = "SELECT * FROM exam";

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

if (mysqli_num_rows($result) > 0) {

echo "<h2>Exam List</h2>";

echo "<table border='1'>";

echo "<tr><th>Exam Name</th><th>Exam
Code</th><th>Description</th><th>Date</th><th>Time</th><th>Location</th><th>Instructor</t
h><th>Total Marks</th><th>Passing Marks</th></tr>";

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

echo "<tr>";

echo "<td>". $row["exam_name"]. "</td>";
```

```
echo "<td>". $row["exam_code"]. "</td>";
echo "<td>". $row["description"]. "</td>";
echo "<td>". $row["exam_date"]. "</td>";
echo "<td>". $row["exam_time"]. "</td>";
echo "<td>". $row["location"]. "</td>";
echo "<td>". $row["instructor"]. "</td>";
echo "<td>". $row["total_marks"]. "</td>";
echo "<td>". $row["passing_marks"]. "</td>";
echo "</tr>";
}
echo "</table>";
} else {
    echo "No exams found.";
}
mysqli_close($conn);
?>
</div>
</div>
</div>
</body>
<?php
    include 'footer.php';
?>
</html>
```

## **5.2.7 Extra Curricular Activity Module:**

The extra curricular activity module is responsible for managing all aspects of extra curricular activities, including:

- Activity creation: The module allows staff members to create new extra curricular activities and add them to the activity schedule.
- Activity scheduling: The module allows staff members to schedule activities and assign them to venues.
- Student registration: The module allows students to register for activities and view their activity schedules.

### Use Cases

The following are some of the use cases for the extra curricular activity module:

- A staff member wants to create a new extra curricular activity.
- A staff member wants to schedule an activity.
- A student wants to register for an activity.

### Benefits

The extra curricular activity module provides the following benefits:

- Centralized activity information: The module provides a central repository for all extra curricular activity information, making it easy for staff members and students to access and manage.
- Improved activity delivery: The module provides tools to help staff members create and schedule activities, and to track student attendance and evaluate the effectiveness of activities.
- Increased student engagement: The module provides students with easy access to information about extra curricular activities, which can help to increase student engagement.

### Code for Extra Curricular Activity:

`add_extracurricular_activities.php`

```
<!DOCTYPE html>
```

```
<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">

    <title>Dashboard</title>

    <link rel="stylesheet" href="style.css">

<style>

    .widget {

        background-color: #f2f2f2;

        padding: 20px;

        margin-left: 100px;

        margin-bottom: 20px;

        border-radius: 5px;

    }

    .widget h2 {

        margin-top: 0;

    }

    .submit-button-wrapper {

        text-align: center;

    }

</style>

</head>
```

```
<body>
<?php
// Include database connection
include'sidebar.php';
include'header.php';
?>

<div class="dashboard">
<div class="widget">
<h2 style="text-align: center;">Extra Curricular Application Entry Form</h2>
<div class="content">
<div class="widget">
<div class="row"></div><br>
<div class="row">
<div class="col-md-3"></div>
<div class="col-md-6">
<form action="submit_extracurricular_activity.php" method="post" enctype="multipart/form-data">
<div class="form-group">
<h2></h2>
<label for="activity_name">Activity Name:</label><br>
<input type="text" id="activity_name" class="form-control" name="activity_name"><br>
<label for="activity_description">Description:</label><br>
<textarea id="activity_description" class="form-control" name="activity_description"></textarea><br>
<label for="activity_category">Category:</label><br>
<select id="activity_category" class="form-control" name="activity_category">
<option value="sports">Sports</option>
```

```
<option value="cultural">Cultural</option>
<option value="academic">Academic</option>
</select><br>
<label for="activity_datetime">Date/Time:</label><br>
<input type="datetime-local" class="form-control" id="activity_datetime" name="activity_datetime"><br>
<label for="activity_location">Location:</label><br>
<input type="text" id="activity_location" class="form-control" name="activity_location"><br>
<label for="activity_organizer">Organizer:</label><br>
<input type="text" id="activity_organizer" class="form-control" name="activity_organizer"><br>
<label for="activity_requirements">Participant Requirements:</label><br>
<textarea id="activity_requirements" name="activity_requirements" class="form-control"></textarea><br>
<label for="registration_deadline">Registration Deadline:</label><br>
<input type="date" id="registration_deadline" class="form-control" name="registration_deadline"><br>
<label for="activity_contact">Contact Information:</label><br>
<input type="text" id="activity_contact" class="form-control" name="activity_contact"><br>
<label for="activity_image">Image/Logo:</label><br>
<input type="file" id="activity_image" class="form-control" accept="image/*" name="activity_image"><br>
<div class="submit-button-wrapper">
<input type="submit" class="btn btn-primary" value="Submit"></div>
</div>
</div>
<div class="col-md-3"></div>
</div>
```

```
</div>

</form>

</div>

</div>

<?php

include'footer.php';

?>

</html>

view_extracurricular_activities.php

<?php

// Include database connection

include'db_connection.php';

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>View User</title>

<link rel="stylesheet" href="style.css">

<style>

.widget {

background-color: #f2f2f2;

padding: 20px;

margin-left: 100px;
```

```
margin-bottom: 20px;  
border-radius: 5px;  
}  
.widget h2 {  
margin-top: 0;  
}  
</style>  
</head>  
<body>  
<?php  
include'sidebar.php';  
include'header.php';  
?>  
<div class="dashboard">  
<div class="widget">  
<h2>View extracurricular Activity</h2></div>  
<div class="content">  
<div class="widget">  
<?php  
include 'db_connection.php';  
$sql = "SELECT * FROM activities";  
$result = $conn->query($sql);  
if ($result->num_rows > 0) {  
echo "<table border='1'>";  
echo "<tr><th>ID</th><th>Activity Name</th><th>Activity Description</th><th>Activity Category</th><th>Activity Datetime</th><th>Activity Organizer</th><th>Actions</th></tr>";
```

```
while($row = $result->fetch_assoc()) {  
    echo "<tr>";  
    echo "<td>". $row["id"]. "</td>";  
    echo "<td>". $row["activity_name"]. "</td>";  
    echo "<td>". $row["activity_description"]. "</td>";  
    echo "<td>". $row["activity_category"]. "</td>";  
    echo "<td>". $row["activity_datetime"]. "</td>";  
    echo "<td>". $row["activity_organizer"]. "</td>";  
    echo "<td>";  
    echo "<a href='each_extracurricula_activities.php?id=". $row["id"]. "'>Detail</a> ";  
    echo "</td>";  
    echo "</tr>";  
}  
echo "</table>";  
} else {  
    echo "0 results";  
}  
$conn->close();  
?>  
    </div>  
    </div>  
    </div>  
    </body>  
<?php  
    include'footer.php';  
?>
```

</html>

## *CHAPTER 6*

# Implementation

The College Management System will be implemented using a three-tier architecture, with the following components:

- Presentation layer: The presentation layer will be responsible for displaying the user interface and handling user input. It will be implemented using HTML, CSS, and JavaScript.
- Business logic layer: The business logic layer will be responsible for implementing the core functionality of the system. It will be implemented using PHP.
- Data access layer: The data access layer will be responsible for interacting with the database. It will be implemented using MySQL.

## Testing

The College Management System is tested using a combination of unit testing, integration testing, and system testing. Unit testing is used to test individual units of code, integration testing will be used to test how different units of code work together, and system testing will be used to test the system as a whole.

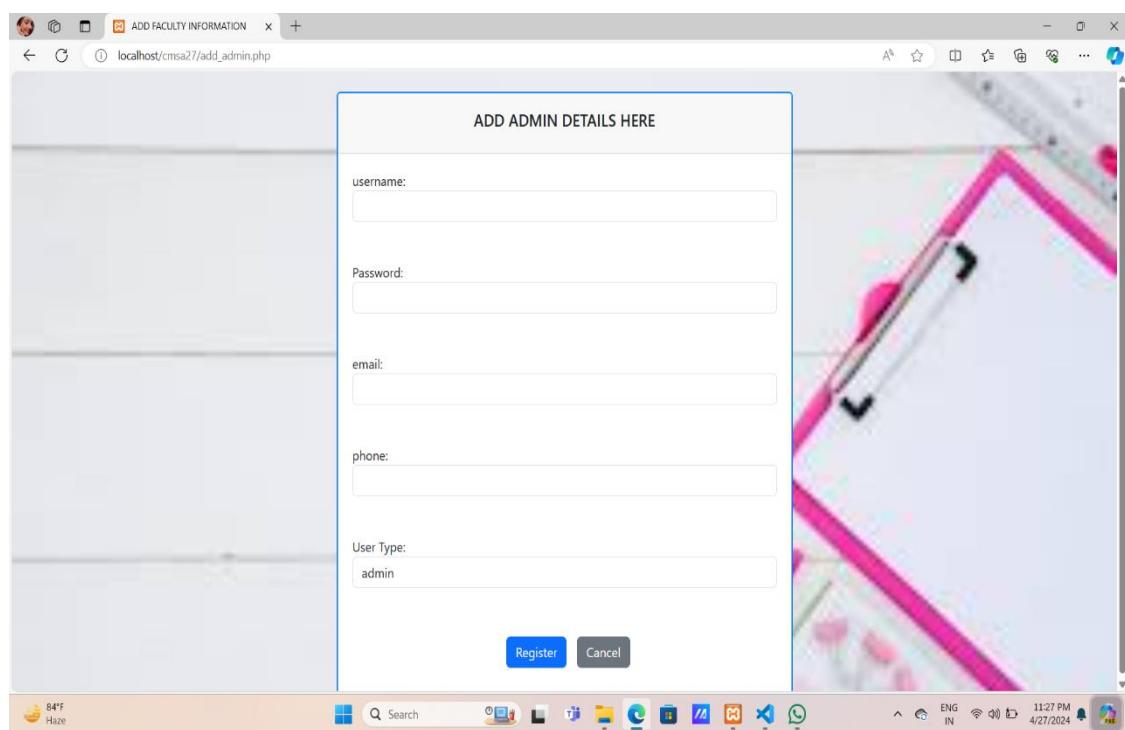
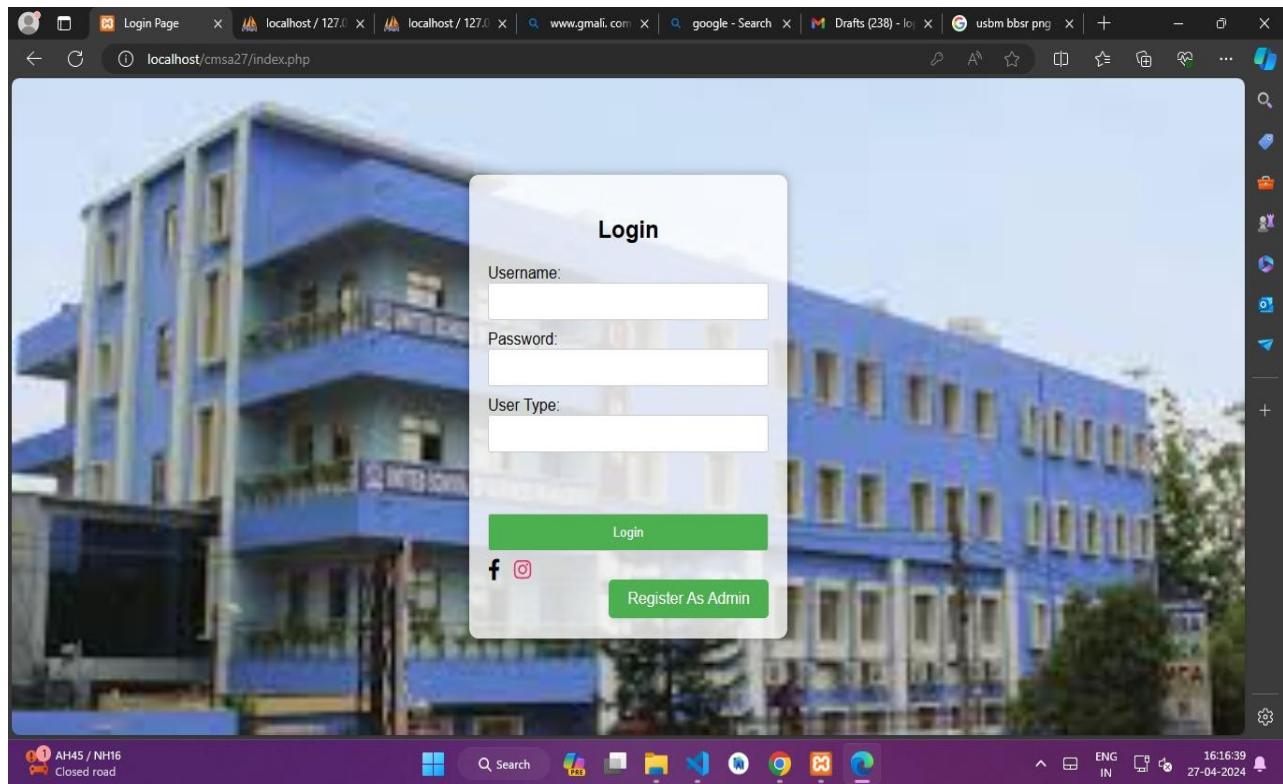
The test team will use a test management tool, such as Jira or TestRail, to manage the tests. The test team will also work with the development team to create test cases and to review the test results.

## Maintenance

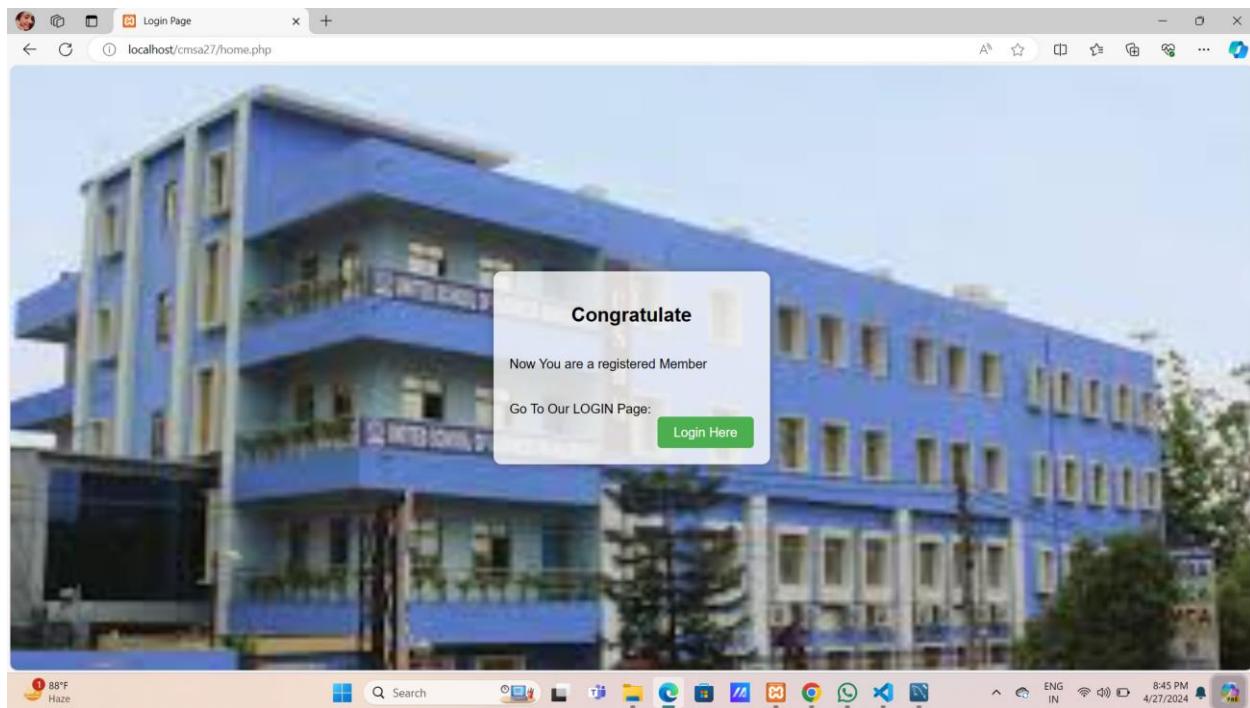
The College Management System will be maintained by a team of developers and system administrators. The developers will be responsible for fixing bugs and adding new features to the system. The system administrators will be responsible for monitoring the system and performing regular maintenance tasks, such as backing up the database and updating the software.

The system will be updated on a regular basis to add new features and fix bugs. The development team will be responsible for developing and testing the updates, and the operations team will be responsible for deploying the updates to the production environment.

# CHAPTER 7



# Sample Screenshots



The screenshot shows a web browser window titled "Dashboard" with the URL "localhost/cmsa27/admin\_dashboard.php". The page has a dark sidebar on the left containing a navigation menu with items like "Courses Management", "Extracurricular activities Management", "Exam Management", and "SESSION OUT". The main content area features a teal header with the text "College Management System Software" and "A website created by BCA Students". It includes sections for "Welcome to dashboard", "Admin details.", "Announcements" (which says "No announcements."), and "Important Dates" (which lists "Next Exam: 2024-04-27" and "Registration Deadline: April 30th, 2024"). A footer at the bottom right contains the copyright notice "© 2024 College Management System. All rights reserved." The system is running on a Windows operating system, as indicated by the taskbar icons at the bottom.

The screenshot shows a web browser window titled "Dashboard" with the URL "localhost/cmsa27/add\_faculty\_inf.php". The sidebar on the left features the logo of "USBM - United School of Business Management" and a navigation menu with items such as "Dashboard", "Student Management", "Faculty/Staff Management", and "Courses". The main content area displays a form titled "Faculty Information Form" with fields for "Full Name", "Gender" (with a dropdown placeholder "Select Gender"), "Date of Birth" (with a date input field showing "mm/dd/yyyy"), "Phone", "Email", and "Address". The page has a teal header with the text "College Management System Software" and "A website created by BCA Students". A "Logout" button is located in the top right corner. The system is running on a Windows operating system, as indicated by the taskbar icons at the bottom.

The screenshot shows a web browser window titled "Dashboard" with the URL "localhost/cmsa27/add\_faculty\_inf.php". On the left, there is a sidebar menu for "USBM" (United School of Business Management) with options like Dashboard, Student Management, Faculty/Staff Management, and Courses. The main content area contains fields for "Highest Degree Earned", "Institution Name", "Major/Field of Study", "Previous Work Experience", "Teaching Specializations", and "Research and Publications".

The screenshot shows a web browser window titled "Dashboard" with the URL "localhost/127.0.0.1/cmsa/dash.php". It features a sidebar menu similar to the first screenshot. The main content area includes fields for "Professional Memberships" and "Awards/Honors Received". Below these, a section titled "Add Authentication Details:" contains fields for "Username", "Password", and "User Type" (set to "faculty"). At the bottom are "Register" and "Cancel" buttons.

**College Management System Software**  
A website created by BCA Students

Welcome to Faculty dashboard

**Teacher Academic**  
Give details .

**Announcements**  
No announcements.

**Important Dates**  
Next Exam: Processing...  
Registration Deadline: Not Given

Logout

USBM Logo

- Dashboard
- Teacher Management
  - Teacher Profile
- Student Management
  - View All Student
- Course Management
  - Add Courses
  - View Courses
- Assignments Management

**College Management System Software**  
A website created by BCA Students

Welcome to Faculty DASHBOARD

ID	Full Name	Phone	Email	Address	Degree	Institution	Major Subject	Experience	Teaching Subject	Awards	Actions
1	Rashmi Mishra	7676767555	lopalopa200711@gmail.com	BBSR, Patia, infocity	BCA, MCA	USBM	Computer Science	12 years	Software	Outstanding Educator Award	<a href="#">Details</a>
3	Mrs. Smruti	7878877656	smruti23@gmail.com	Bbsr, patia, infocity	BCA, MCA	USBM	Software Engineering	10 years	Software Engineering, Algorithms	Outstanding Educator Award	<a href="#">Details</a>
4	Mrs. Smita	7878877689	smrita323@gmail.com	BBSR, Damana	BCA, MCA	USBM	Software Engineering	10 years	Operating System	Outstanding Educator Award	<a href="#">Details</a>
5	Mrs. Baruni	8988766567	baruni45@gmail.com	BBSR, Damana	BCA, MCA	USBM	Software Engineering	12 years	Data Structures, Computer Graphics	Outstanding Educator Award	<a href="#">Details</a>

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Logout

USBM Logo

- Dashboard
- Student Management
  - Add Students
  - Update Student information
  - View All Student
- Faculty/Staff Management
  - Add Faculty/Staff
  - Update Faculty/Staff information
  - View Faculty/Staff information

**College Management System Software**  
A website created by BCA Students

**Welcome to Faculty Dahboard**

ID	Full Name	Phone	Email	Address	Degree	Institution	Major Subject	Experience	Teaching Subject	Awards	Actions
1	Rashmi Mishra	7676767555	lopalopa200711@gmail.com	BBSR, Patia	BCA, MCA	USBM	Computer Science	12 years	Software	Outstanding Educator Award	<a href="#">Edit</a> <a href="#">Delete</a>
3	Mrs. Smruti	7878877656	smruti23@gmail.com	Bbsr, patia, infocity	BCA, MCA	USBM	Software Engineering	10 years	Software Engineering, Algorithms	Outstanding Educator Award	<a href="#">Edit</a> <a href="#">Delete</a>
4	Mrs. Smita	7878877689	smrita323@gmail.com	BBSR, Damana	BCA, MCA	USBM	Software Engineering	10 years	Operating System	Outstanding Educator Award	<a href="#">Edit</a> <a href="#">Delete</a>
5	Mrs. Baruni	8988766567	baruni45@gmail.com	BBSR, Damana	BCA, MCA	USBM	Software Engineering	12 years	Data Structures, Computer Graphics	Outstanding Educator Award	<a href="#">Edit</a> <a href="#">Delete</a>

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Weather alert In effect

Search ENG IN 19:59 01-05-2024

The screenshot displays two instances of a web browser window for the 'College Management System Software'. Both windows show the same 'ADD COURSE' form. The top window is on a Windows 10 desktop, and the bottom window is on a Windows 11 desktop. Both windows have a dark theme.

**Header:** College Management System Software (A website created by BCA Students) | Logout

**Sidebar (Left):**

- Dashboard
- Teacher Management
  - Teacher Profile
- Student Management
  - View All Student
- Course Management
  - Add Courses
  - View Courses
- Assignments Management

**Form Fields (Top Window):**

- Course Name:
- Course Code/ID:
- Course Fees:
- Description:
- Credits:

**Form Fields (Bottom Window):**

- Prerequisites:
- Instructor:
- Schedule:  E.g., Monday 10:00 AM - 12:00 PM
- Location:
- Enrollment Limit:
- Resources Needed:
- Grading Scale:

**System Status Bar:**

- Windows Taskbar icons (Search, File Explorer, Control Panel, etc.)
- Language: ENG IN
- Date and Time: 04-05-2024 12:13
- Weather: 94°F High UV
- System Icons: Battery, Network, Volume, etc.

**Resources Needed:**

**Grading Scale:**

**Assessment Methods:**

**Communication Channels:**

**Additional Notes:**

**Submit**

Course ID	Course Name	Course Code	Course Fees	Description
1	MCA	Code001	200000	AI and Machine Learning
2	BCA	BCA101	35000	Basics of computer science
3	BBA	BBA101	35000	Fundamentals of business operations

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The screenshot shows a web browser window for 'localhost / 127.0.0.1 / cmsa / cl...' with the URL 'localhost/cmsa27/view\_update\_courses.php'. The page title is 'College Management System Software' and the subtitle is 'A website created by BCA Students'. A red 'Logout' button is in the top right. On the left is a dark sidebar with the 'USBM' logo at the top. The sidebar menu includes:

- Dashboard
- Student Management
  - Add Students
  - Update Student information
  - View All Student
- Faculty/Staff Management
  - Add Faculty/Staff
  - Update Faculty/Staff information
  - View Faculty/Staff information

The main content area displays a table of courses:

Course ID	Course Name	COurse Code	COurse Fees	Description	Actions
1	MCA	Code001	200000	AI and Machine Learning	<a href="#">Edit</a> <a href="#">Delete</a>
2	BCA	BCA101	35000	Basics of computer science	<a href="#">Edit</a> <a href="#">Delete</a>
3	BBA	BBA101	35000	Fundamentals of business operations	<a href="#">Edit</a> <a href="#">Delete</a>

At the bottom, a teal footer bar says '© 2024 College Management System. All rights reserved.'

The screenshot shows a web browser window for 'localhost / 127.0.0.1 / cmsa / cl...' with the URL 'localhost/cmsa27/student\_dashboard.php'. The page title is 'College Management System Software' and the subtitle is 'A website created by BCA Students'. A red 'Logout' button is in the top right. On the left is a dark sidebar with the 'USBM' logo at the top. The sidebar menu includes:

- Dashboard
- Student Management
  - Student Profile
- View Course
  - View Course
- View extracurricular Activity
  - View extracurricular activities
- Assignments Management

The main content area displays three sections: 'Student Academic' (with a placeholder 'Give details.'), 'Announcements' (with a placeholder 'No announcements.'), and 'Important Dates' (with 'Next Exam: May 5th, 2024' and 'Registration Deadline: April 30th, 2024').

At the bottom, a teal footer bar says '© 2024 College Management System. All rights reserved.'

The screenshot displays two instances of a web browser window for the "College Management System Software" on a local host. Both windows show the "Student Admission Form".

**Header:** College Management System Software | A website created by BCA Students | Logout

**Left Sidebar:**

- Dashboard
- Student Management
  - Add Students
  - Update Student information
  - View All Student
- Faculty/Staff Management
  - Add Faculty/Staff
  - Update Faculty/Staff information
  - View Faculty/Staff information

**Form Fields (Top Window):**

- Student ID: [Input Field]
- First Name: [Input Field]
- Last Name: [Input Field]
- Date of Birth: [Input Field] mm/dd/yyyy
- Gender: [Input Field] Male
- Email Address: [Input Field]

**Form Fields (Bottom Window):**

- Email Address: [Input Field]
- Contact Number: [Input Field]
- Address: [Input Field]
- Emergency Contact Person: [Input Field]
- Emergency Contact Number: [Input Field]
- Guardian's Name: [Input Field]
- Guardian's Email: [Input Field]
- Guardian's Contact Number: [Input Field]
- Photo: [Input Field]

**System Status Bar:**

- Top Window: 87°F Haze
- Bottom Window: USD/JPY +1.72%
- Both Windows: Search bar, Taskbar icons (File Explorer, Control Panel, etc.), Network status (ENG IN), Date (8:48 PM 4/27/2024), and Battery icon.

**Add Course Details:**

Select your Course:  
Select a Course

Admission Year:

Date Of Admission:  
mm/dd/yyyy

**Add Authentication Details:**

Username:

Password:

User Type:  
student

**Submit**

Select a Course

Admission Year:

Date Of Admission:  
mm/dd/yyyy

**Add Authentication Details:**

Username:

Password:

User Type:  
student

**Submit**

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The screenshot shows a web-based application titled "College Management System Software" created by BCA Students. The interface includes a sidebar with navigation links for Dashboard, Student Management (Add, Update, View), and Faculty/Staff Management (Add, Update, View). The main content area displays a table of student records with columns for ID, First Name, Last Name, Email, Department, Admission Year, Date Of Admission, G Contact No, Photo, Stream, and Actions (Edit, Delete). The table contains three entries: Swati Behera (Software Engineer), somyasarmistadas (student\_photos/logo.jpg), and Sandhyarani Rout (student\_photos/1713106694568.jpg). The footer indicates the system was built by BCA Students in 2024.

ID	First Name	Last Name	Email	Department	Admission Year	Date Of Admission	G Contact No	Photo	Stream	Actions
1	Swati	Behera	swati89@gmail.com	Software Engineer	2022	2022-04-15	7676767767	student_photos/Screenshot (8).png	Software Engineer	<a href="#">Edit</a> <a href="#">Delete</a>
2	somyasarmistadas		somya77@gmail.com		2022	2024-05-07	7878787878	student_photos/logo.jpg		<a href="#">Edit</a> <a href="#">Delete</a>
3	Sandhyarani	Rout	routs6871@gmail.com		2022	2024-05-01	8900099890	student_photos/1713106694568.jpg		<a href="#">Edit</a> <a href="#">Delete</a>

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View User   localhost / 127.0.0.1 / cmsa /   Login Page

Import favorites   McAfee Security   Dell   Gmail   YouTube   Maps   WhatsApp

# College Management System Software

A website created by BCA Students

## Welcome to Student Dahboard

ID	First Name	Last Name	Email	Department	Admission Year	Date Of Admission	G Contact No	Photo	Stream	Actions
1	Swati	Behera	swati89@gmail.com	Software Engineer	2022	2022-04-15	7676767767	student_photos/Screenshot (8).png	Software Engineer	<a href="#">Details</a>
2	somyasarmist das		somya77@gmail.com		2022	2024-05-07	7878787878	student_photos/logo.jpg		<a href="#">Details</a>
3	Sandhyarani	Rout	routs6871@gmail.com		2022	2024-05-01	8900099890	student_photos/1713106694568.jpg		<a href="#">Details</a>

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United School of Business Management  
Bhubaneswar  
USBM

- Dashboard
- Student Management
  - Add Students
  - Update Student information
  - View All Student
- Faculty/Staff Management
  - Add Faculty/Staff
  - Update Faculty/Staff information
  - View Faculty/Staff information

97°F Mostly cloudy

87°F Search

ENG IN 19:59 01-05-2024

The screenshot displays two instances of a web browser window for the 'College Management System Software'. The top instance shows the 'Add Assignment Details' page, which includes fields for selecting a course, semester, title, description, max score, and due date. The bottom instance shows the same page but with the 'Max Score' and 'Due Date' fields removed or disabled.

**College Management System Software**  
A website created by BCA Students

**Add Assignment Details**

Select your Course:  
Select a Course

Semester:  
1st

Details:  
Title Of Assignment:

Description:

Max Score:

Due Date:  
dd-mm-yyyy

Submit

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The screenshot shows a web browser window for the "College Management System Software". The title bar says "localhost / 127.0.0.1 / cmsa / cl...". The main content area displays the "Assignment List" with the following data:

Submitted By	Course Name	Title	Description	Semester	Due Date	Submitted Date	Max Score	Answer	Status
Ananya	MCA	Database Design Project	Design and implement a database system for a fictional online bookstore.	4th	2024-04-26	2024-04-24	150	<a href="#">[Link to the project files]</a>	SUBMITTED
	MCA	C	What is C?	1st	2024-04-16	0000-00-00	10		<a href="#">SUBMIT</a>

At the bottom, a footer bar says "© 2024 College Management System. All rights reserved."

The screenshot shows a web browser window for the "College Management System Software". The title bar says "localhost / 127.0.0.1 / cmsa / cl...". The main content area displays the "Assignment List" with the following data:

Title	Description	Semester	Course ID	Due Date	Max Score	Action
Database Design Project	Design and implement a database system for a fictional online bookstore.	4th	34	2024-04-26	150	<a href="#">Edit</a> <a href="#">Delete</a>
C	What is C?	1st	0	2024-04-16	10	<a href="#">Edit</a> <a href="#">Delete</a>

At the bottom, a footer bar says "© 2024 College Management System. All rights reserved."

The image displays two screenshots of a web-based college management system. Both screenshots feature a dark sidebar on the left with the logo of 'USBM' (United School of Business Management) and a list of administrative functions: Dashboard, Teacher Management (with Teacher Profile), Student Management (with View All Student), Course Management (with Add Courses and View Courses), and Assignments Management.

**Screenshot 1: Class Timetable Input Form**

This screenshot shows the 'Class Timetable Input Form'. It includes fields for 'Select your Course:' (a dropdown menu labeled 'Select a Course'), 'Semester:' (a dropdown menu labeled '1st'), 'Sec:' (a dropdown menu labeled 'A'), and a file upload field for 'Timetable Image:' (labeled 'Choose File' and 'No file chosen'). A blue 'Submit' button is located at the bottom right of the form area.

**Screenshot 2: TIME TABLE FOR ALL**

This screenshot shows a table titled 'TIME TABLE FOR ALL' displaying class timetables. The table has columns for Sl. No, Class Name, semester, section, timetable\_image, and Action. The data is as follows:

Sl. No	Class Name	semester	section	timetable_image	Action
1	MCA	1st	A	uploads/Screenshot (13).png	<a href="#">Details</a>
2	BCA	2nd	B	uploads/Screenshot 2024-05-01 200028.png	<a href="#">Details</a>
3	BBA	3rd	C	uploads/Screenshot 2024-05-01 200011.png	<a href="#">Details</a>

The footer of both pages includes a copyright notice: '© 2024 College Management System. All rights reserved.'

The screenshot shows a web browser window for 'localhost / 127.0.0.1 / cmsa / cl...' with the URL 'localhost/cmsa27/view\_update\_timetable.php'. The title bar says 'View User' and the address bar shows the same URL. The page header features the logo of 'USBM' (United School of Business Management) and the text 'College Management System Software' and 'A website created by BCA Students'. A red 'Logout' button is in the top right. On the left is a dark sidebar menu with options like Dashboard, Teacher Management, Student Management, Course Management, and Assignments Management. The main content area displays a table titled 'TIME TABLE FOR ALL' with columns: Sl. No, Class Name, semester, section, timetable\_image, and Action (Edit Delete). The table contains three rows: 1. MCA, 1st, A, uploads/Screenshot (13).png, Edit Delete; 2. BCA, 2nd, B, uploads/Screenshot 2024-05-01 200028.png, Edit Delete; 3. BBA, 3rd, C, uploads/Screenshot 2024-05-01 200011.png, Edit Delete. At the bottom is a footer bar with the text '© 2024 College Management System. All rights reserved.' and system status icons.

The screenshot shows a web browser window for 'localhost / 127.0.0.1 / cmsa / cl...' with the URL 'localhost/cmsa27/add\_extracurricular\_activities.php'. The title bar says 'Dashboard' and the address bar shows the same URL. The page header features the logo of 'USBM' and the text 'College Management System Software' and 'A website created by BCA Students'. A red 'Logout' button is in the top right. On the left is a dark sidebar menu with options like Dashboard, Student Management, Faculty/Staff Management, and others. The main content area displays a form titled 'Extra Curricular Application Entry Form' with fields for Activity Name (input field), Description (text area), Category (input field with 'Sports'), Date/Time (input field with placeholder 'dd-mm-yyyy --::--'), Location (input field), and Organizer (input field). At the bottom is a footer bar with the text '© 2024 College Management System. All rights reserved.' and system status icons.

Date/Time:

Location:

Organizer:

Participant Requirements:

Registration Deadline:

Contact Information:

Image/Logo:  No file chosen

**Submit**

ID	Activity Name	Activity Description	Activity Category	Activity Datetime	Activity Organizer	Actions
1	"Spring Festival 2024"	"Join us for a day filled with music, food, games, and performances!"	"Community Event"	2024-04-22 16:43:00	"USBM College Student Union"	<a href="#">Detail</a>

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The screenshot shows a web browser window for the "College Management System Software". The title bar says "localhost / 127.0.0.1 / cmsa / ass... x | Login Page x | +". The address bar shows "localhost/cmsa27/view\_update\_extracurricular\_activities.php". The page header includes the USBM logo and the text "College Management System Software" and "A website created by BCA Students". A "Logout" button is in the top right. The main content area is titled "Extra Curricular Activities Informations". It contains a table with one row of data:

ID	Activity Name	Activity Description	Activity Category	Activity Datetime	Activity Organizer	Actions
1	"Spring Festival 2024"	"Join us for a day filled with music, food, games, and performances!"	"Community Event"	2024-04-22 16:43:00	"USBM College Student Union"	<a href="#">Edit</a> <a href="#">Delete</a>

At the bottom, a footer bar says "© 2024 College Management System. All rights reserved."

The screenshot shows a web browser window for the "College Management System Software". The title bar says "localhost / 127.0.0.1 / cmsa / cl... x | +". The address bar shows "localhost/cmsa27/add\_exam.php". The page header includes the USBM logo and the text "College Management System Software" and "A website created by BCA Students". A "Logout" button is in the top right. The main content area is titled "Add Exam Details". It contains several input fields:

- Exam Name:
- Exam Code:
- Description:
- Exam Date:  dd-mm-yyyy
- Exam Time:  hh:mm
- Location:
- Instructor:

At the bottom, a footer bar shows system status: 87°F, Mostly cloudy, ENG IN, 2018, 01-05-2024.

**College Management System Software**  
A website created by BCA Students

Welcome to Exam Management

**Exam List**

Exam Name	Exam Code	Description	Date	Time	Location	Instructor	Total Marks	Passing Marks
DSA Final Exam	BCA2023-FINAL	Overview	2024-04-16	08:50:00	BBSR, Patia	Mrs. Rasmi Mishra	100	40

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**College Management System Software**  
A website created by BCA Students

Welcome to Exam Management

**Exam List**

Exam Name	Exam Code	Description	Date	Time	Location	Instructor	Total Marks	Passing Marks	Actions
DSA Final Exam	BCA2023-FINAL	Overview	2024-04-16	08:50:00	BBSR, Patia	Mrs. Rasmi Mishra	100	40	<a href="#">Edit</a> <a href="#">Delete</a>

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# *CHAPTER 8*

## Conclusion

The College Management System is a comprehensive and user-friendly system that will streamline all aspects of college management. The system will provide a central repository for all student, course, and faculty data, and it will automate many tasks, such as registration and scheduling.

The College Management System is a valuable tool for my college. The system will help to improve efficiency, enhance communication, increase transparency, and improve student outcomes.

## Scope For Future Development

The College Management System is a constantly evolving project. I am committed to adding new features and improving the system on a regular basis. Some of the planned future enhancements to the system include:

- Mobile app: A mobile app will be developed to allow students, faculty, and staff to access the system from their mobile devices.
- Integration with other systems: The system will be integrated with other systems, such as the student information system and the financial aid system. This will allow for a more seamless flow of data between systems.
- New features: New features will be added to the system on a regular basis. These features will be based on feedback from users and on the latest trends in higher education.

The College Management System is a valuable tool for my college. I will continue to develop and improve the system in the future to meet the changing needs of my college.

## Bibliography

The following sources were consulted during the development of the College Management System:

- College Management System Requirements
- Building a College Management System using PHP and MySQL

- Design and Implementation of a College Management System
- Best Practices for College Management System Development
- W3 Schools.com and google.com

These sources provided valuable information on the requirements, design, implementation, and testing of a college management system. They also provided insights into the latest trends and best practices in college management system development.