
Daffodil International University

Faculty of Science & Information Technology
Department of Software Engineering



Daffodil
International
University

Project Proposal

On

“Quick Attendance System”

Course Code: SWE 332

Course Title: Software Engineering project II

Submitted To:

Rashed Karim

Submitted By:

Md. Maksudur Rahman

Id: 163-35-1778

Level: 4 Term: 1

Section: B

Project Title: **Quick Attendance System**

Project Description:

In this system, I am offering a quick attendance system which will save a lot of time of a teacher. Teacher can complete the attendance of whole class within 1 minutes. And Teacher don't have to be panic on taking attendance by calling students id. Teacher only have to login to the system and activate a code by inputting attendance date and course. After that, students will login to the system and select the course and date and input the code which is created by their teacher. In this way all the students will give attendance at a time. Teacher will deactivate the code after a certain time and after deactivating the code teacher can see the list of students are present in the class. If there is any student is missing from the list teacher can update his attendance and submit it. Teacher can also see the previous attendance and also can update that.



SRS:

1. Teacher login:

I need this feature so that only authenticate teachers can logged in to the system. So that any other users cannot get access to the system without having a teacher ID.

2. Student login:

I need this feature so that only authenticate students can logged in to the system. So that any other users cannot get access to the system without having a student ID.

3. Create Random Code:

I need this feature so that teacher can create random code for a specific course and students who are assigned to that course they can use this code for giving their attendance.

4. View Attendance:

I need this feature so that the teachers can view the previous attendance and if he wants to update attendance, he can update.

5. Security:

I need this feature so that anyone cannot get access to the system without login.

6. Usability:

This feature will ensure that the system's interface will be easier to the users and they can easily understand how to use it.

7. Reliability:

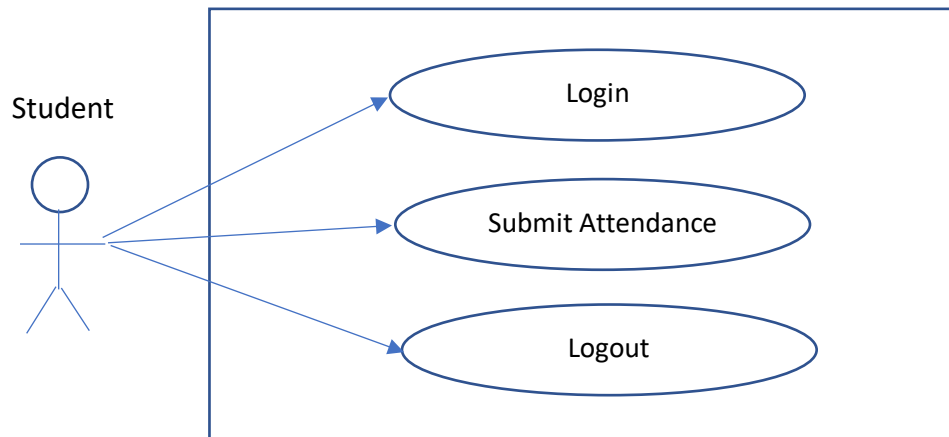
The system must ensure that the system is reliable for the user.

8. Scalability:

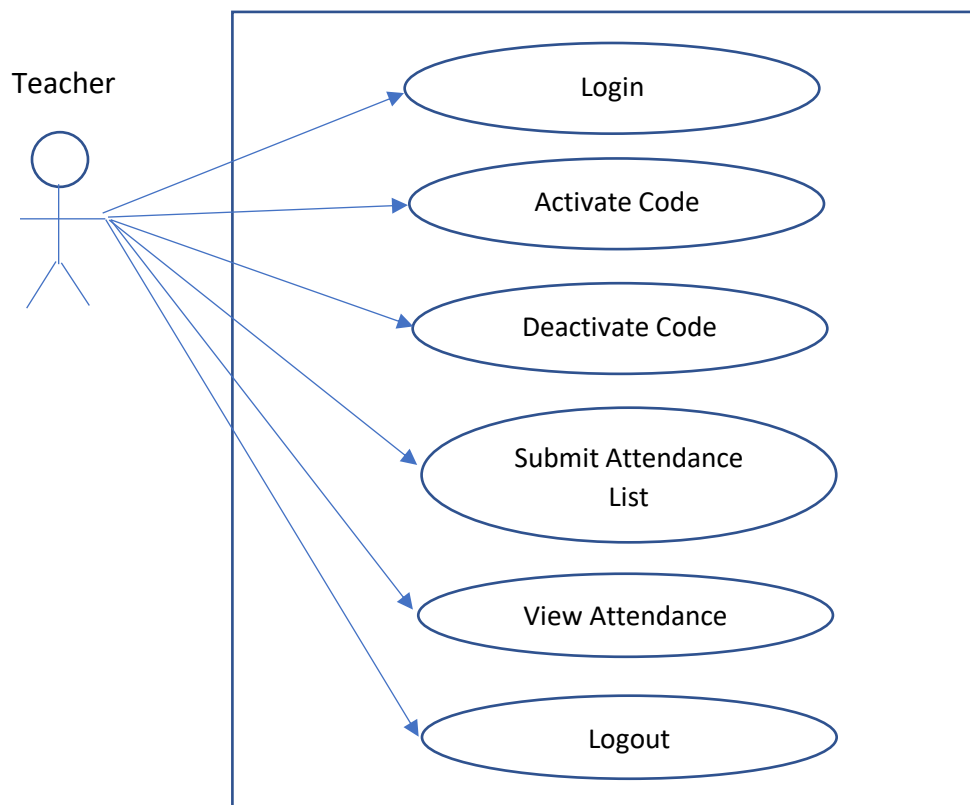
This feature will ensure that the system can serve more users and process more data.

Use Case:

Use case Diagram for Student



Use case Diagram for Teacher



Case Description:

Case Id	01
Case Name	Login
Case Description	Every user will have username and password for login to the system. Without having username and password user cannot get access to the system.
Procedure	<ol style="list-style-type: none">1. Input username and password2. Click on the submit button
Actors	Student, Teacher
Preconditions	<ol style="list-style-type: none">1. Every user must be an authorized user.2. They must have to have username and password.3. Click on the Login button.
Postconditions	Username and password must be matched.
Failed condition	If user provide wrong username or password the system will show an unsuccess alert message on the window.
Success Scenario	If username and password is matched the user can get access to the system.

Case Id	02
Case Name	Submit Attendance
Case Description	For submitting attendance, student will select their course and date and then they will have to input a code which is created by their course teacher. If the code is matched then the attendance will be submitted.
Procedure	<ol style="list-style-type: none"> 1. Select valid course and date 2. Input the code 3. Click on submit button
Actor	Student
Preconditions	<ol style="list-style-type: none"> 1. User must be an authorized user. 2. Student must have to select course, date and input the code. 3. Click on the submit button.
Postconditions	Course, date and code must be matched.
Failed condition	If user provide wrong course or date or code the system will show an unsuccess alert message on the window.
Success Scenario	A success alert message will be shown on the window.

Case Id	03
Case Name	Activate Code
Case Description	For activating the attendance code teacher must have to select course and date. If teacher select correctly and press the button, then a random code will be created for the selected course.
Procedure	<ol style="list-style-type: none"> 1. Select course and date 2. Click on the submit button
Actor	Teacher
Preconditions	<ol style="list-style-type: none"> 1. User must be an authorized user. 2. User must have to select the date and course. 3. Click on the submit button.
Postconditions	User must have to select the exact course.
Failed condition	If user not select the correct course, Then the code will be generated but for the wrong course. As a result, student will not be able to submit their attendance.
Success Scenario	A code will be generated for the specific course.

Case Id	04
Case Name	Deactivate Code
Case Description	By clicking on the deactivate button the created code will be deactivated and no students will be able to submit their attendance after deactivated the code.
Procedure	1. Click on the deactivate button
Actor	Teacher
Preconditions	1. User must be an authorized user. 2. Click on the deactivate button.
Postconditions	
Failed condition	If the code is not deactivated properly student will be able to submit attendance with that code after deactivating the code. And also, teacher will not be able to see the attendance list.
Success Scenario	If username and password is matched the user can get access to the system.

Case Id	05
Case Name	Submit Attendance List
Case Description	After deactivating the code all the students list and the total number of students are present will be shown. Teacher will recheck and submit it.
Procedure	<ol style="list-style-type: none"> 1. Check all the attendance 2. Update to the list if needed 3. Click on the submit button
Actor	Teacher
Preconditions	<ol style="list-style-type: none"> 1. User must be an authorized user. 2. Count physically how many students are available. The number must be matched with the system's student counter. 3. Click on Submit button.
Postconditions	
Failed condition	The attendance will not be added successfully.
Success Scenario	A success alert message will be shown on the window that attendance successfully added.

Case Id	06
Case Name	View Attendance
Case Description	Teacher can view previous attendance and also can update the attendance. For viewing the list teacher have to select the curse and the date.
Procedure	<ol style="list-style-type: none"> 1. Select valid course and date 2. Update if any update needed 3. Submit the update list
Actor	Teacher
Preconditions	<ol style="list-style-type: none"> 1. User must be an authorized user. 2. Must select a course and a date. 3. For updating attendance teacher must have to check/uncheck the checkbox. 4. Click on Submit button.
Postconditions	The course and date must have to be exist in the database.
Failed condition	If teacher select wrong course or date system will show a danger alert. Wrong students list can be updated.
Success Scenario	A success alert message will be shown on the window that attendance successfully updated.

Case Id	07
Case Name	Logout
Case Description	When user clicked on the logout button, the system will send the user to the login page and his session will be destroyed.
Procedure	1. Click on the logout button
Actor	Teacher
Preconditions	Click on logout button.
Postconditions	
Failed condition	User will not be able to logout from the system and the system will not destroy his session.
Success Scenario	If user clicks on logout button, then system will send user to the login page and his session will no longer available.

UX design:

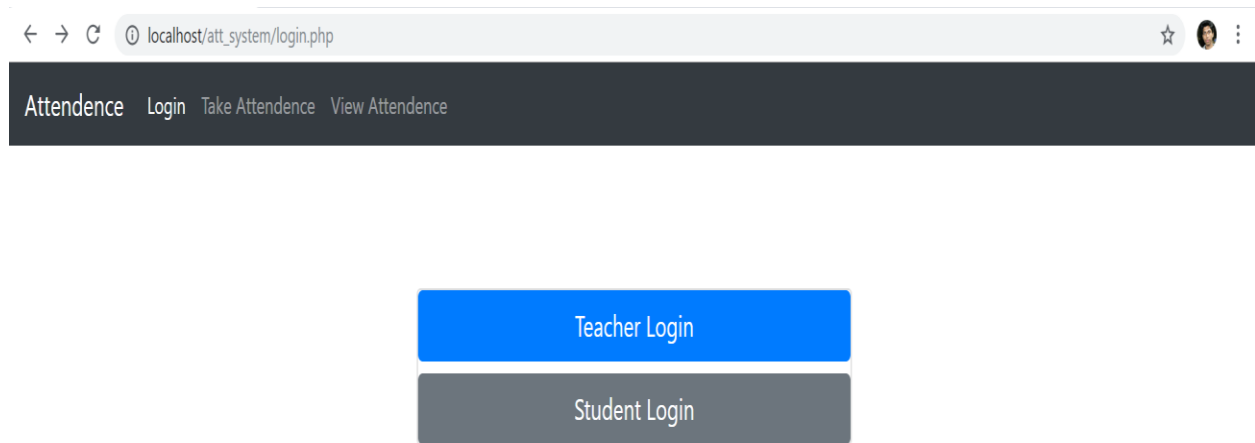


Figure: Home Page

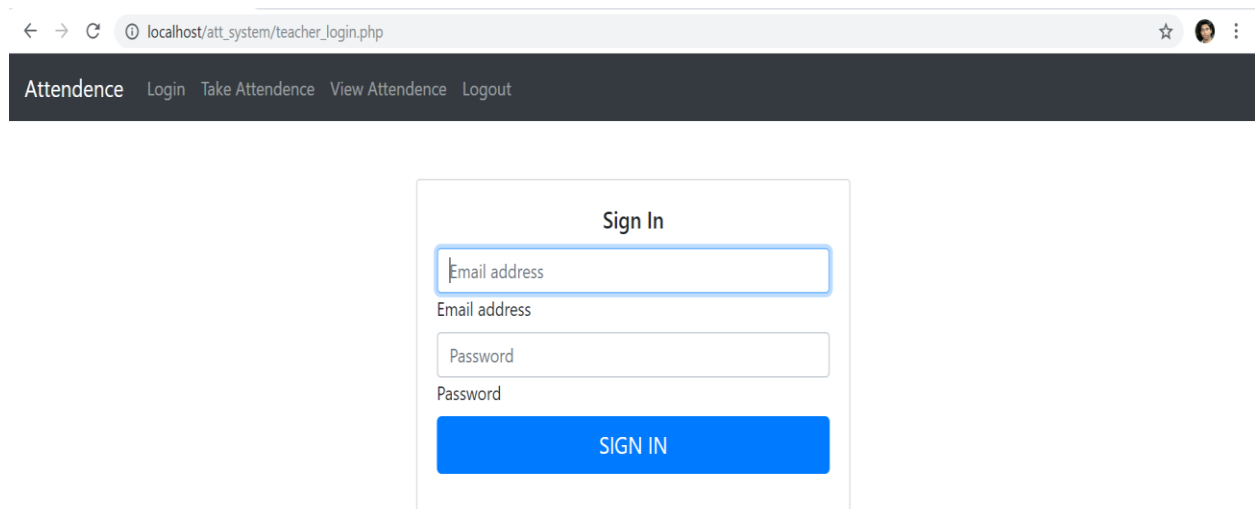


Figure: Teacher Login

The screenshot shows a web browser window with the title "Student Login". The address bar displays "localhost/att_system/student_login.php". The navigation bar includes "Attendance", "Login", "Home", and "Logout". The main content area features a "Sign In" form with two input fields: "Email address" and "Password". Below these fields is a blue "SIGN IN" button.

Figure: student Login

The screenshot shows a web browser window with the title "Take Attendance". The address bar displays "localhost/att_system/course.php". The navigation bar includes "Attendance", "Login", "Take Attendance", "View Attendance", and "Logout". The main content area features a form with two input fields: "Date" (containing "12/10/2019") and "Course" (containing "swe422A"). Below these fields is a green "SUBMIT" button.

Figure: Activate code

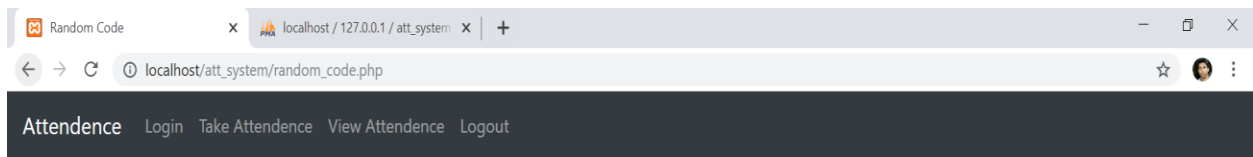


Figure: Random code

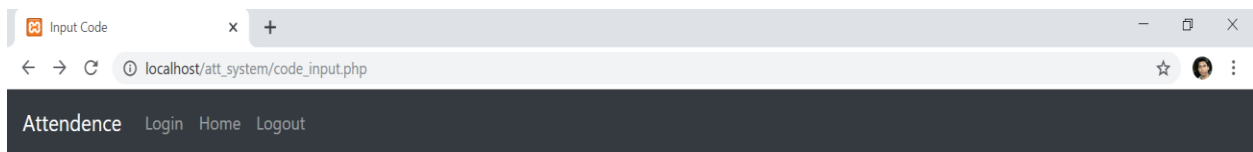


Figure: Student submit attendance

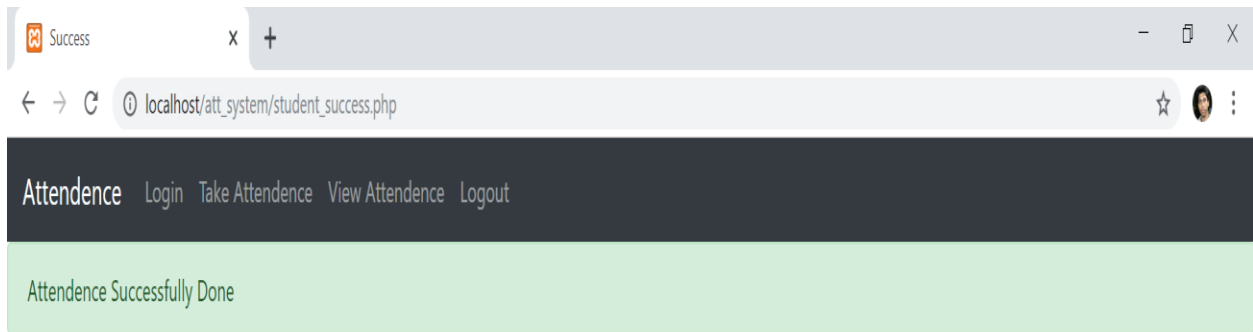


Figure: Success Message

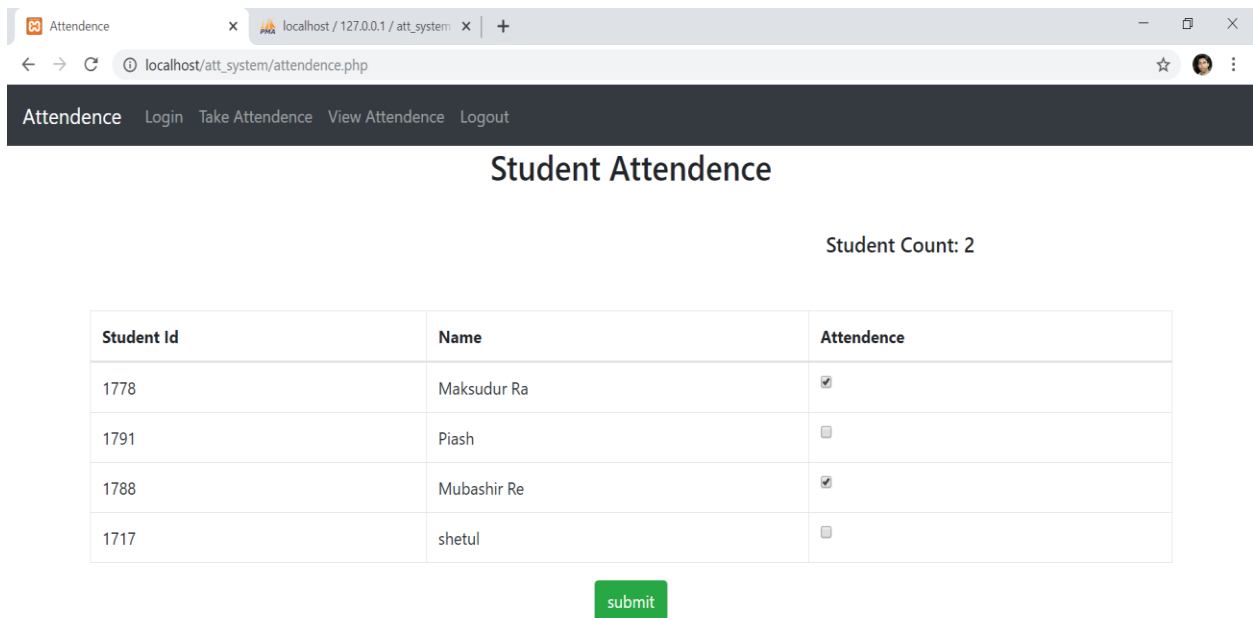


Figure: List of present students

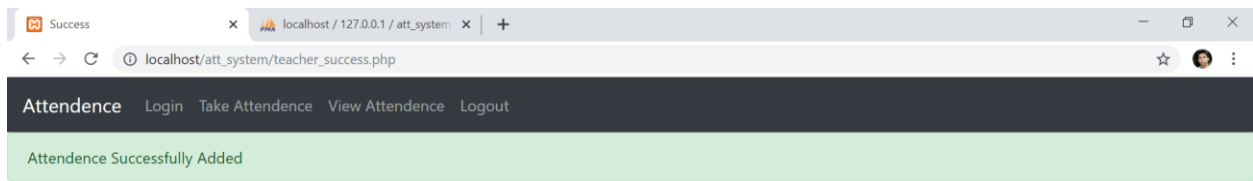


Figure: Success Message for teacher

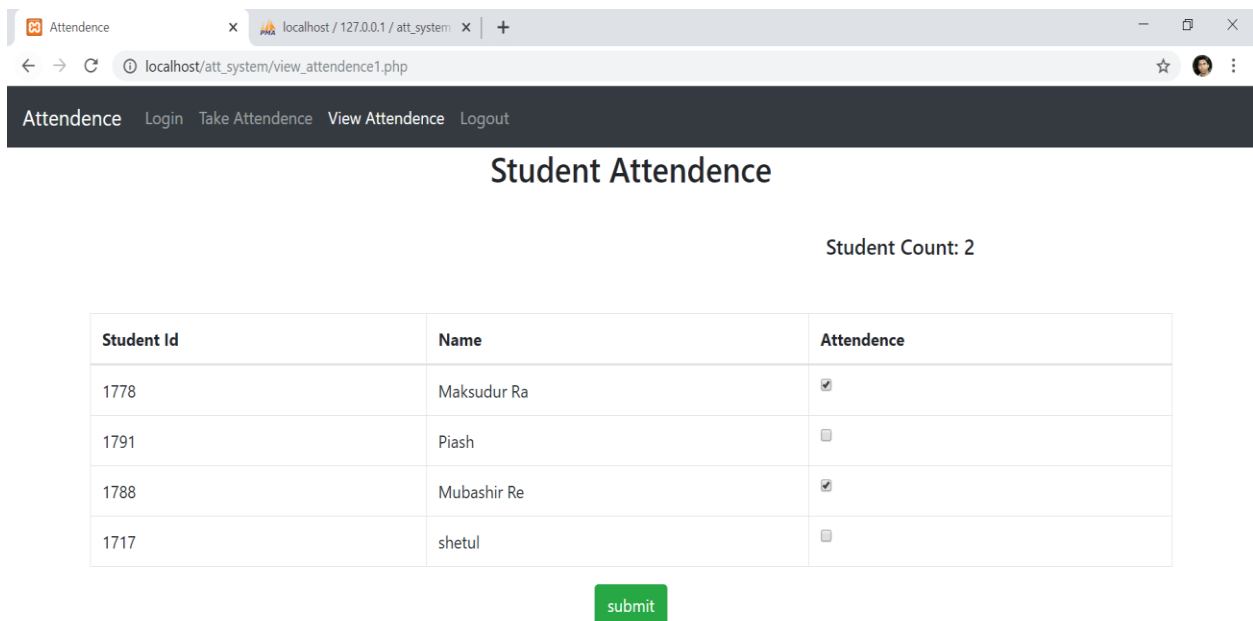
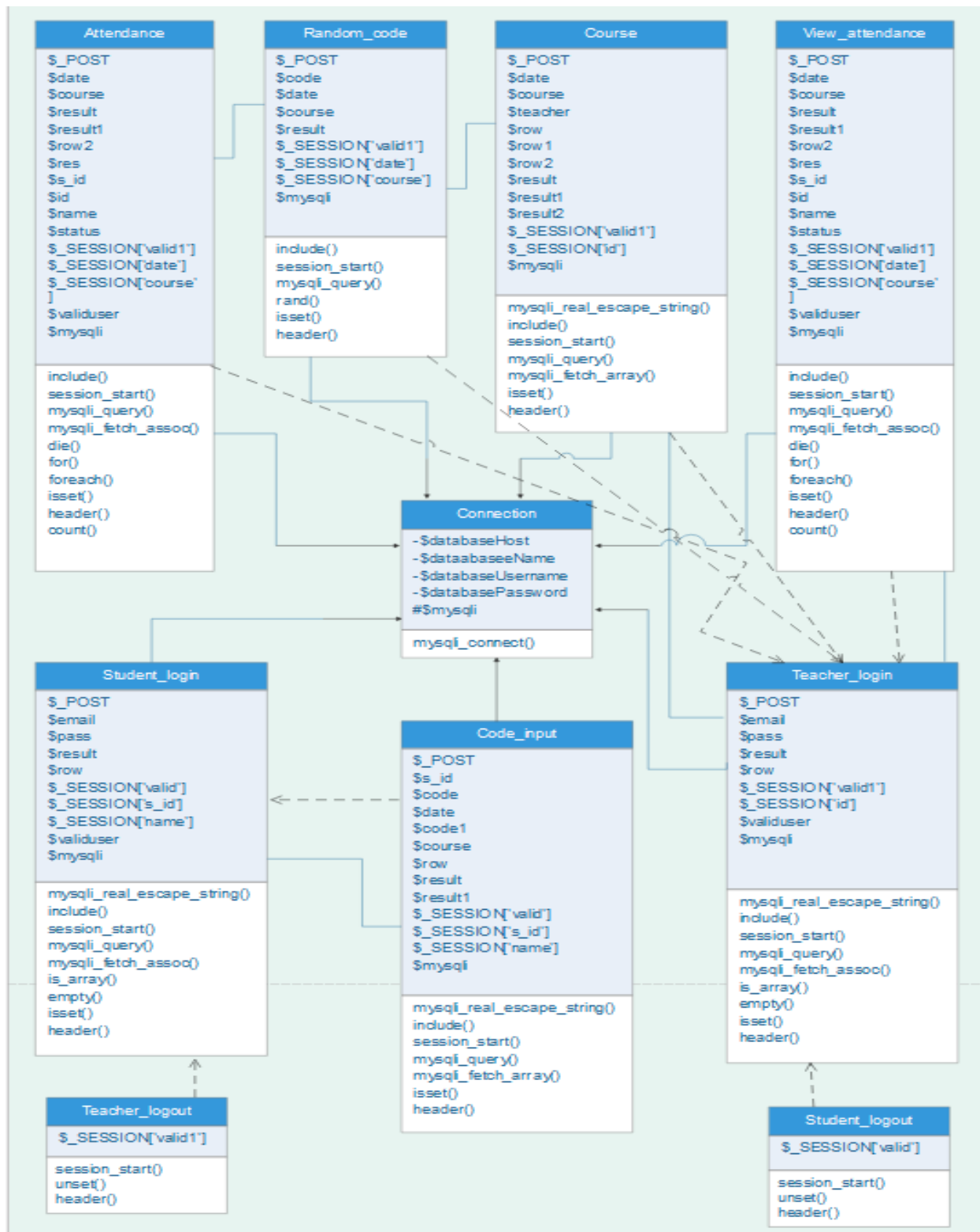
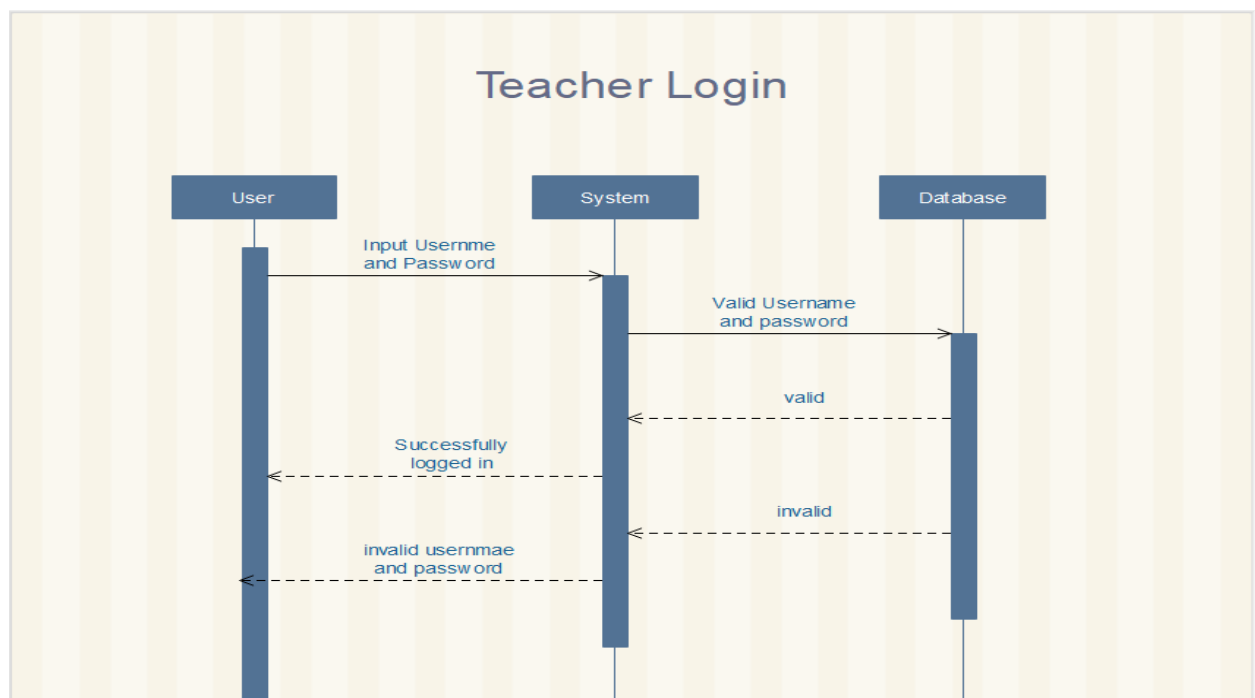
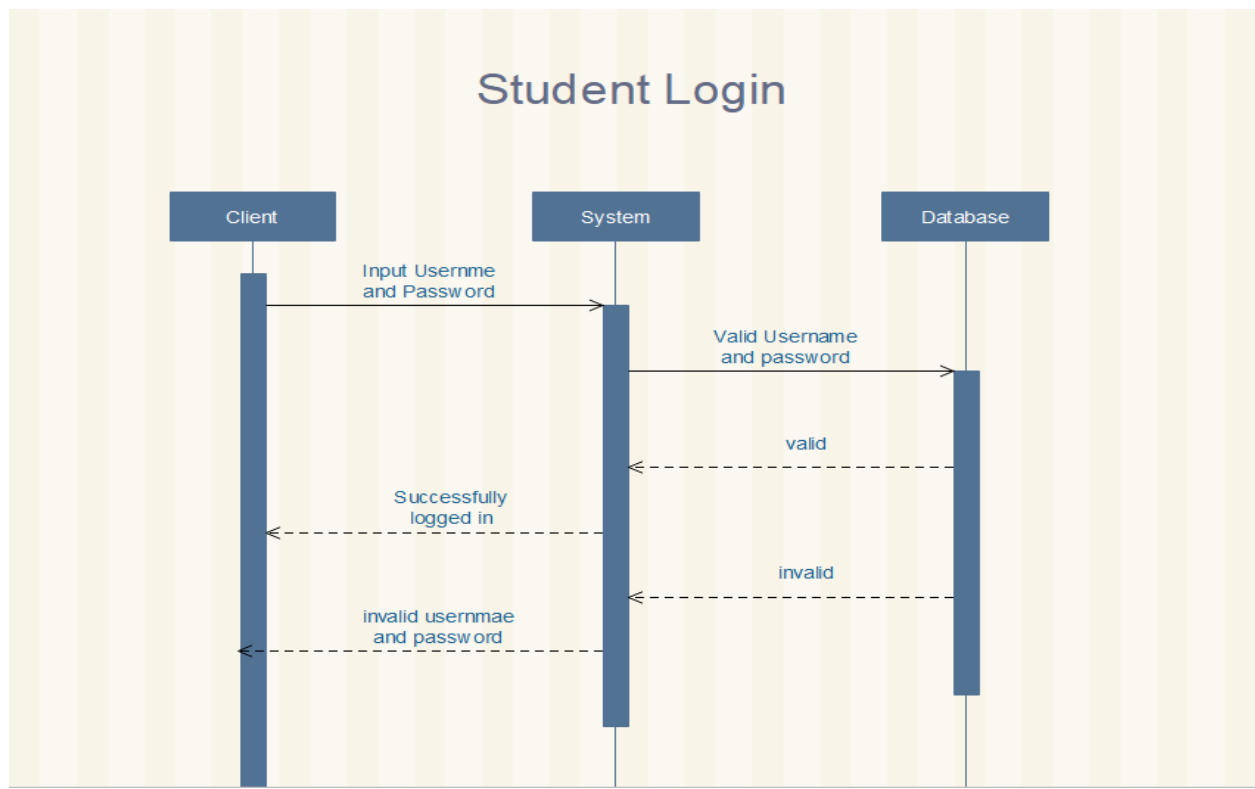


Figure: View Previous Attendance

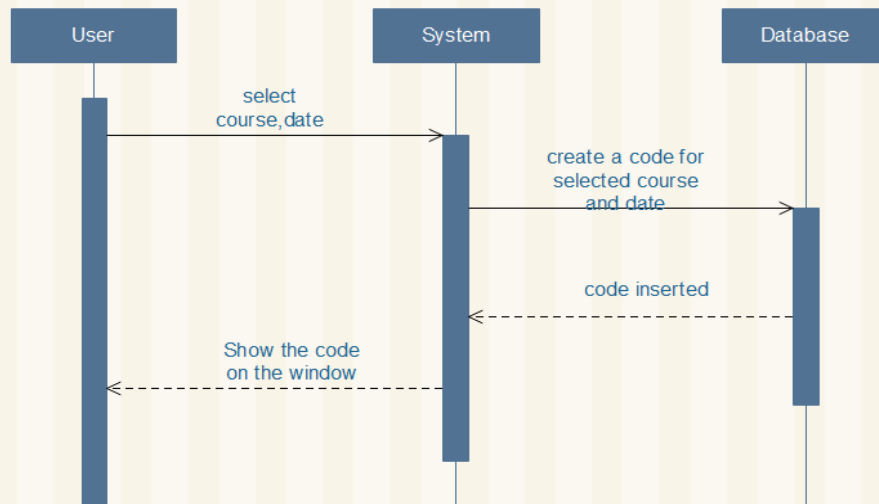
Class Diagram:



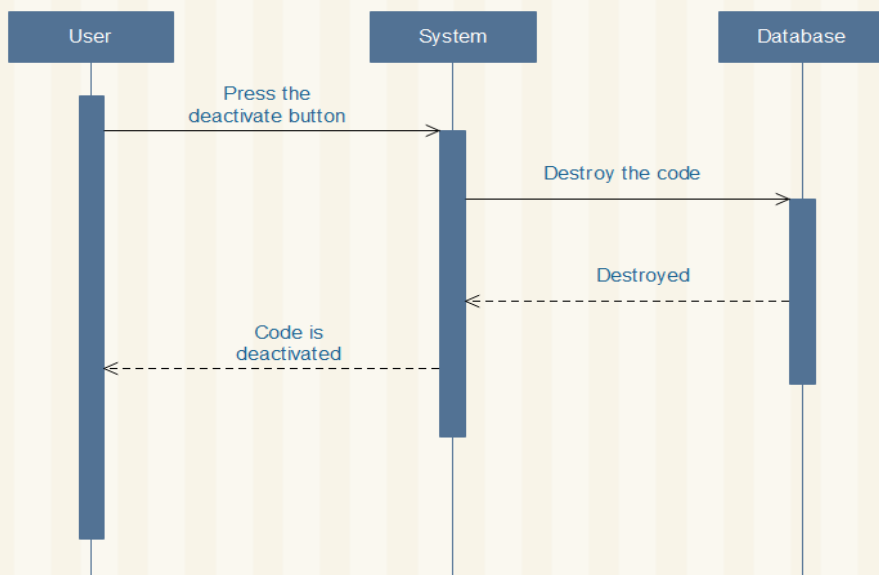
Sequence Diagram:



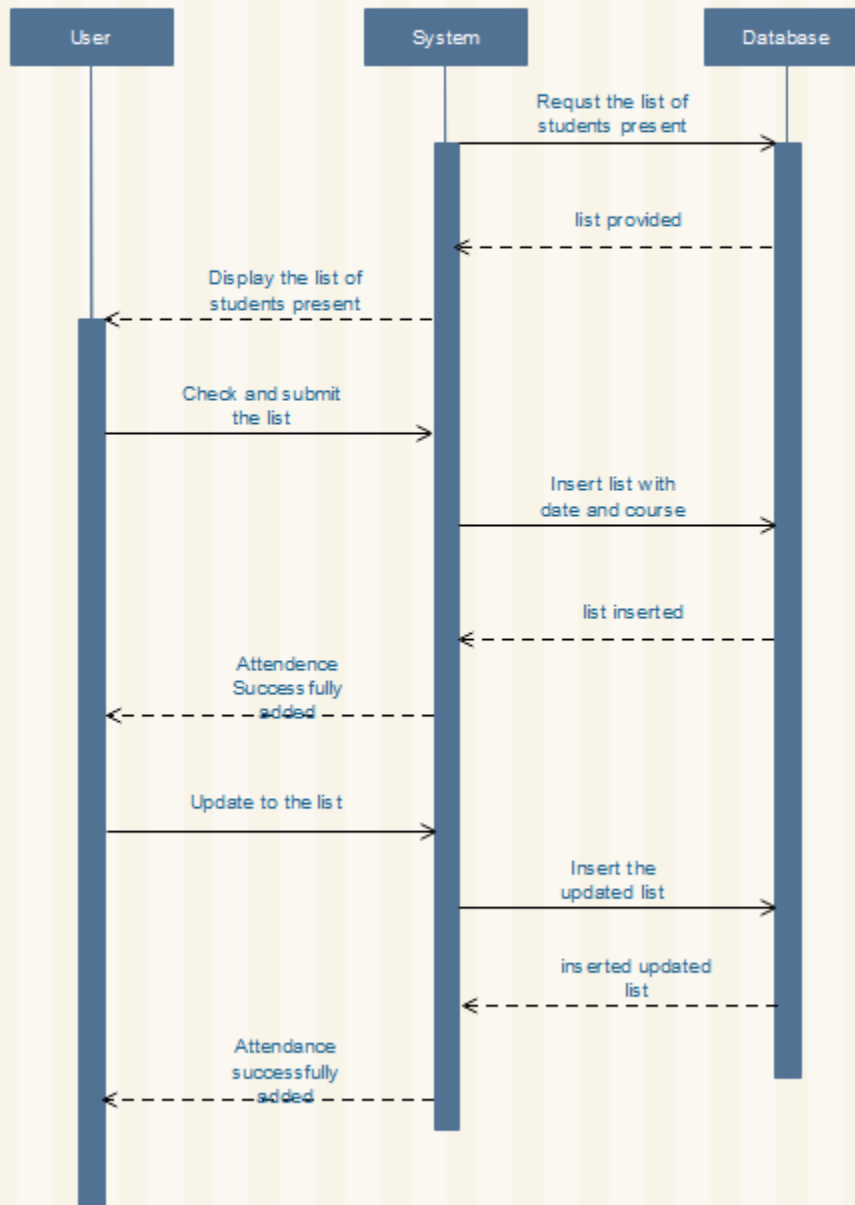
Activate Code



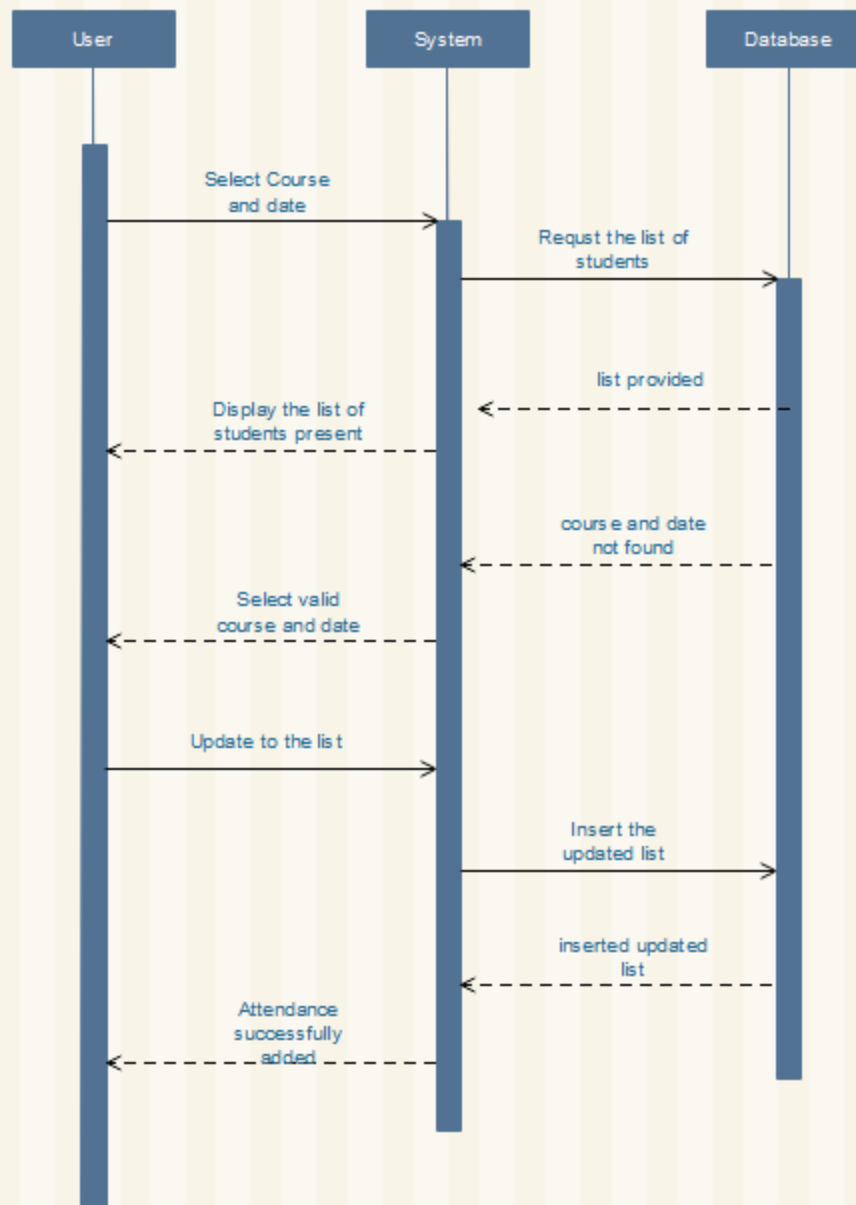
Deactivate Code



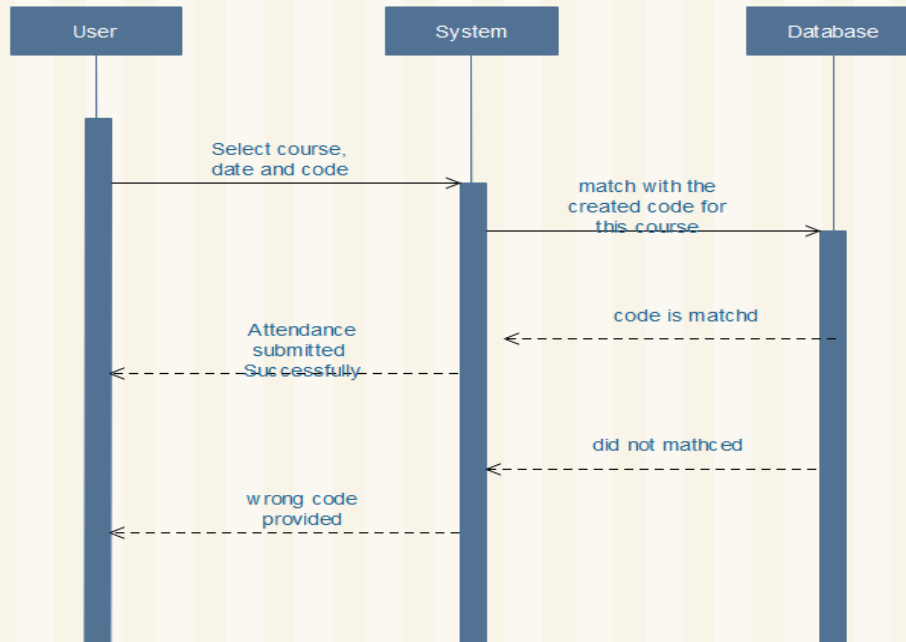
Submit Attendance List



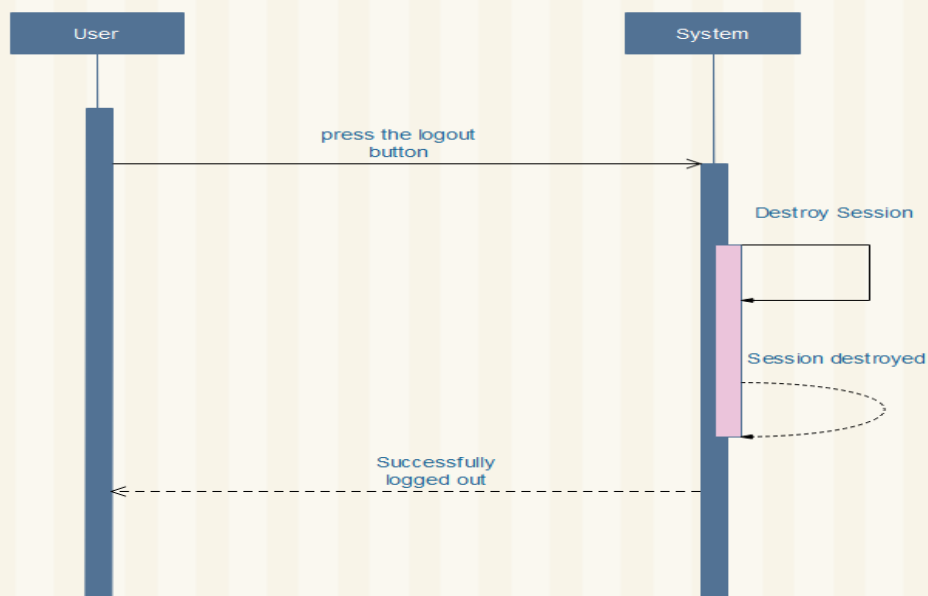
View Attendance



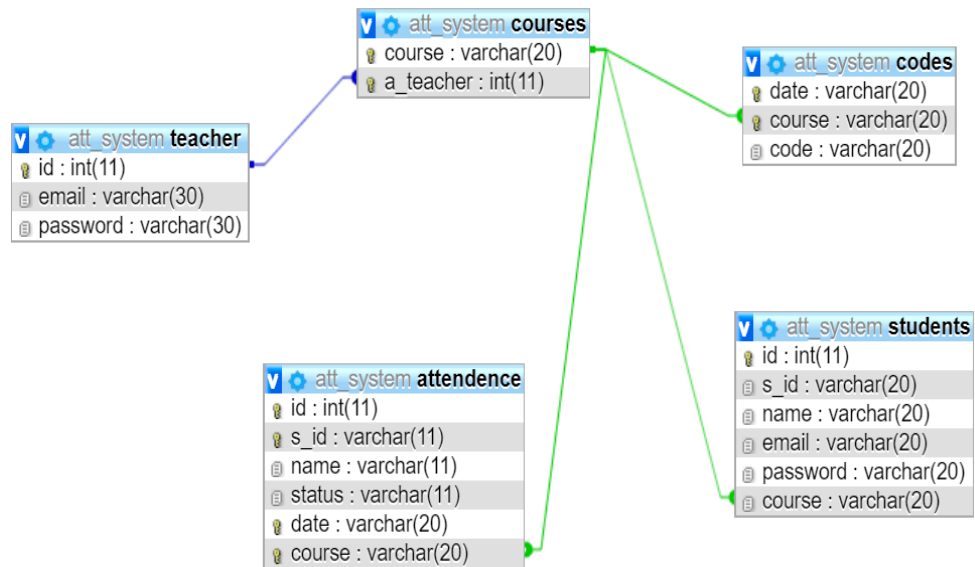
Submit attendance



Logout



Database Diagram:



Code:

Connection.php:

```
<?php

    $databaseHost = 'localhost';

    $databaseName = 'att_system';

    $databaseUsername = 'root';

    $databasePassword = '';

    $mysqli = mysqli_connect($databaseHost, $databaseUsername, $databasePassword, $databaseName);

?>
```

Student_login.php:

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

<html>

<head>

    <title>Student Login</title>

    <link href="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet"
id="bootstrap-css">

    <script src="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

    <a class="navbar-brand" href="login.php">Attendance</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria -
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

        <span class="navbar-toggler-icon"></span>

    </button>

<div class="collapse navbar-collapse" id="navbarNav">

    <ul class="navbar-nav">

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



```

        <a class="nav-link" href="login.php">Login </a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="login.php">Home</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="stuent_logout.php" tabindex="-1" >Logout</a>
    </li>
</ul>
</div>
</nav>
</nav>

```

```

<?php
include("connection.php");
if(isset($_POST['submit'])) {
    $email = mysqli_real_escape_string($mysqli, $_POST['email']);
    $pass = mysqli_real_escape_string($mysqli, $_POST['password']);

    if($email == "" || $pass == "") {
        echo "Either email or password field is empty.";
        echo "<br/>";
        echo "<a href='login.php'>Go back</a>";
    } else {
        $result = mysqli_query($mysqli, "SELECT * FROM students WHERE email='$email' AND
password='$pass'")
        or die("Could not execute the select query.");

        $row = mysqli_fetch_assoc($result);

        if(is_array($row) && !empty($row)) {
            $validuser = $row['email'];

```

```

        $_SESSION['valid'] = $validuser;
        $s_id = $row['s_id'];
        $_SESSION['name'] = $row['name'];
        //$_SESSION['id'] = $row['username'];
    } else {
        echo"
        <div class='alert alert-danger' role='alert'>
            Invalid username or password
        </div>";
        echo "<br/>";
        echo "<a href='student_login.php'><h5>Go back</h5></a>";
    }

    if(isset($_SESSION['valid'])) {
        header('Location: code_input.php?id='.$s_id);
    }
}
} else {
?>

    <div class="container">
<div class="row">
<div class="col-sm-9 col-md-7 col-lg-5 mx-auto">
<div class="card card-signin my-5">
<div class="card-body">
<h5 class="card-title text-center">Sign In</h5>
<form class="form-signin" method="post" action="">
<div class="form-label-group" >
    <input type="text" name="email" class="form-control" placeholder="Email address" required autofocus>
    <label for="inputEmail">Email address</label>
</div>
<div class="form-label-group">
    <input type="password" name="password" class="form-control" placeholder="Password" required>

```

```

        <label for="inputPassword">Password</label>
    </div>

        <button class="btn btn-lg btn-primary btn-block text-uppercase"
name="submit" type="submit">Sign in</button>
    </form>
</div>
</div>
</div>
</div>
</div>
<?php
}
?>
</body>
</html>

```

Teacher_login.php:

```

<?php
    session_start();
    include("connection.php");
?>

<html>
<head>
    <title>Teacher Login</title>

    <link href="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet"
id="bootstrap-css">

    <script src="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

</head>

<body>

```

```

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

  <a class="navbar-brand" href="login.php">Attendance</a>

  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

    <span class="navbar-toggler-icon"></span>

  </button>

  <div class="collapse navbar-collapse" id="navbarNav">

    <ul class="navbar-nav">

      <li class="nav-item">

        <a class="nav-link" href="login.php">Login </a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="course.php">Take Attendance</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="view_attendance.php">View Attendance</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="teacher_logout.php" tabindex="-1" >Logout</a>

      </li>

    </ul>

  </div>

</nav>

</nav>

```

```

<?php
if(isset($_POST['submit'])) {
    $email = mysqli_real_escape_string($mysqli, $_POST['email']);
    $pass = mysqli_real_escape_string($mysqli, $_POST['password']);
    if($email == "" || $pass == "") {
        echo "Either email or password field is empty.";
        echo "<br/>";
    }
}

```

```

        echo "<a href='login.php'>Go back</a>";
    } else {
        $result = mysqli_query($mysqli, "SELECT * FROM teacher WHERE email='$email' AND
password='$pass'")
            or die("Could not execute the select query.");

        $row = mysqli_fetch_assoc($result);
        if(is_array($row) && !empty($row)) {
            $validuser = $row['email'];
            $_SESSION['valid1'] = $validuser;
            $_SESSION['id'] = $row['id'];
            //$_SESSION['id'] = $row['username'];
        } else {
            echo"
            <div class='alert alert-danger' role='alert'>
                Invalid username or password
            </div>";
            echo "<br/>";
            echo "<a href='teacher_login.php'><h5>Go back</h5></a>";
        }
        if(isset($_SESSION['valid1'])) {
            header('Location: course.php');
        }
    }
} else {
?>
<div class="container">
    <div class="row">
        <div class="col-sm-9 col-md-7 col-lg-5 mx-auto">
            <div class="card card-signin my-5">
                <div class="card-body">
                    <h5 class="card-title text-center">Sign In</h5>
                    <form class="form-signin" method="post" action="">

```

```

<div class="form-label-group" >
    <input type="text" name="email" class="form-control" placeholder="Email address" required autofocus>
    <label for="inputEmail">Email address</label>
</div>

<div class="form-label-group">
    <input type="password" name="password" class="form-control" placeholder="Password" required>
    <label for="inputPassword">Password</label>
</div>

<button class="btn btn-lg btn-primary btn-block text-uppercase" name="submit" type="submit">Sign
in</button>

</form>

</div>

</div>

</div>

</div>

</div>

<?php
/*<p><font size="+2">Login</font></p>

    <form name="form1" method="post" action="">
        <table width="75%" border="0">
            <tr>
                <td width="10%">Email</td>
                <td><input type="text" name="email"></td>
            </tr>
            <tr>
                <td>Password</td>
                <td><input type="password" name="password"></td>
            </tr>
            <tr>
                <td>&nbsp;</td>
                <td><input type="submit" name="submit" value="Submit"></td>
            </tr>

```

```

        </table>

</form>*/
}
?>

</body>
</html>

```

Course.php:

```

<?php session_start(); ?>

<html>

<head>

    <title>Take Attendance</title>

    <link href="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet"
id="bootstrap-css">

    <script src="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

    <a class="navbar-brand" href="login.php">Attendance</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

        <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarNav">

    <ul class="navbar-nav">

        <li class="nav-item">

            <a class="nav-link" href="login.php">Login </a>

        </li>

        <li class="nav-item">

            <a class="nav-link" href="course.php">Take Attendance</a>

        </li>

```

```

<li class="nav-item">
    <a class="nav-link active" href="view_attendence.php">View Attendance</a>
</li>
<li class="nav-item">
    <a class="nav-link" href="logout.php" tabindex="-1" >Logout</a>
</li>
</ul>
</div>
</nav>
</nav>
<?php
    include("connection.php");
    if(isset($_SESSION['valid1'])){
        $teacher= $_SESSION['id'];
        $result = mysqli_query($mysqli, "SELECT * FROM courses WHERE a_teacher='$teacher'")
                                or die("Could not execute the select query.");

        if(isset($_POST['submit']))
        {
            $date = mysqli_real_escape_string($mysqli, $_POST['date']);
            $course = mysqli_real_escape_string($mysqli, $_POST['course']);
            if ($course=='Select Course'){echo "Please select a course";}
            else
            {
                $_SESSION['date']=$date;
                $_SESSION['course']=$course;
                $result1=mysqli_query($mysqli, "SELECT * FROM codes WHERE date='$date' and
course='$course'");
                $result2 = mysqli_query($mysqli, "SELECT * FROM students WHERE course='$course'")
                                or die("Could not execute the select query.");

                while($row1 = mysqli_fetch_array($result1))
                {
                    if($course==$row1['course'] && $date==$row1['date'])
                    {

```



```

        header('Location: random_code.php');
    }
}

mysqli_query($mysqli, "INSERT INTO codes(date, course, code) VALUES('$date', '$course', '')")
    or die("Could not execute the insert query.");
while($row2 = mysqli_fetch_array($result2))
{
    $s_id=$row2['s_id'];
    $name=$row2['name'];
    mysqli_query($mysqli, "INSERT INTO attendance VALUES('', '$s_id',
'name', 'A', '$date', '$course')")
        or die("Could not execute the select query.");
}

header('Location: random_code.php');
}
}

?>
<div class="container">
<div class="row">
<div class="col-sm-9 col-md-7 col-lg-6 mx-auto">
<div class="card card-signin my-5">
<div class="card-body" style="background-color:ivory">
<form class="form-signin" method="post" action="">
<div class="form-group row">
<label for="example-date-input" class="col-2 col-form-
label">Date</label>
<div class="col-10">
<input class="form-control" type="date" value=""
name="date" required>
</div>
</div>
<div class="form-group row">

```

```

label">Course</label>

<label for="example-date-input" class="col-2 col-form-

<div class="col-10">
    <select class="form-control" name="course" >
        <option> Select Course</option>
        <?php
            while($row = mysqli_fetch_array($result))
            {
                echo "<option>$row[course]</option>";
            }?>
        </select>
    </div>
</div>
<br>
<div class="text-center">
    <button class="btn btn-primary btn-success text-uppercase"
style="width:200" name="submit" type="submit">Submit</button>
</div>

</div>
</form>

</div>
</div>
</div>
</div>
</div>
<?php
}
else
{
    echo"

    <div class='alert alert-danger' role='alert'>
    You have to <a href='login.php'>login</a> to access this page
    </div>";

```

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

Random_code.php:

```
<?php session_start(); ?>
<html>
<head>
    <title>Random Code</title>
    <link href="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet"
id="bootstrap-css">
    <script src="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="login.php">Attendance</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
<div class="collapse navbar-collapse" id="navbarNav">
    <ul class="navbar-nav">
        <li class="nav-item">
            <a class="nav-link" href="login.php">Login </a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="course.php">Take Attendance</a>
        </li>
        <li class="nav-item">
            <a class="nav-link active" href="view_attendance.php">View Attendance</a>
        </li>
```

```

<li class="nav-item">
    <a class="nav-link" href="teacher_logout.php" tabindex="-1" >Logout</a>
</li>
</ul>
</div>
</nav>
</nav>
<center>
    <?php
    if(isset($_SESSION['valid1'])){
        $code=(rand(1000,10000));
        include("connection.php");
        $date=$_SESSION['date'];
        $course=$_SESSION['course'];
        $result = mysqli_query($mysqli, "UPDATE codes SET code='$code', course='$course' WHERE
date='$date'")
        or die("Could not execute the select query.");
        if(isset($_POST['submit']))
        {
            mysqli_query($mysqli, "UPDATE codes SET code='$code', course='$course' WHERE
date='$date'");
            header('Location: attendance.php');
        }
    ?>

    <div class="container">
<div class="row">
<div class="col-sm-9 col-md-7 col-lg-6 mx-auto">
<div class="card card-signin my-5">
<div class="card-body" style="background-color:ivory">
<form class="form-signin" method="post" action="">
            <div class="text-center">
                <h1><?php echo $code;?></h1>
            </div>
            <br>

```

```

        <br>
        <div class="text-center">
            <button class="btn btn-primary btn-success text-uppercase"
style="width:200" name="submit" type="submit">Deactivate</button>
        </div>
    </div>
</form>

</div>
</div>
</div>
</div>
</div>
<?php
}
else
{
    echo"

    <div class='alert alert-danger' role='alert'>
        You have to <a href='login.php'>login</a> to access this page
    </div>";

}>
</body>

```

Attendance.php:

```

<?php session_start(); ?>

<html>

<head>

    <title>Attendance</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
integrity="sha384-Vkoo8x4CGsO3+Hhvx8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous">

</head>

```

```

<body>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
  <a class="navbar-brand" href="login.php">Attendance</a>

  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

    <span class="navbar-toggler-icon"></span>

  </button>

  <div class="collapse navbar-collapse" id="navbarNav">
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="login.php">Login </a>
      </li>
      <li class="nav-item">
        <a class="nav-link active" href="course.php">Take Attendance</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="view_attendance.php">View Attendance</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="teacher_logout.php" tabindex="-1">Logout</a>
      </li>
    </ul>
  </div>
</nav>
</nav>

<div class="container-fluid" style="padding: 0px; margin: 0px;">
  <h2 class="text-center">Student Attendance</h2>
</div>

  <?php
    include("connection.php");
    if(isset($_SESSION['valid1'])){

```

```

        $date=$_SESSION['date'];

        $course=$_SESSION['course'];

        $result1= mysqli_query($mysqli, "select count(status) as total from attendance WHERE status='P' and
date='$date' and course='$course'")

        or die("query is not executed");

        $row2 = mysqli_fetch_assoc($result1);

        echo "<h5 style=' margin: 40px 7px 0px 840px;'>Student Count: ".$row2['total']. "</h5>";

        echo "</h1></center>";

        $result = mysqli_query($mysqli, "select * from attendance WHERE date='$date'and course='$course'")

        or die("Could not execute the select query.");

        foreach ($result as $key => $res) {

            $s_id[]=$res['s_id'];

            $name[]=$res['name'];

            $status[]=$res['status'];

        }

        echo "<br>";

        if (isset($_POST['submit']))

        {

            foreach ($s_id as $id){

                if(!empty($_POST['stats'][$id]))

                {

                    $status1 = $_POST['stats'][$id];

                    mysqli_query($mysqli, "UPDATE attendance SET status='$status1'
where s_id='$id' and date='$date' and course='$course'")

                    or die("Query problem");

                }

                else{    mysqli_query($mysqli, "UPDATE attendance SET status='A' where s_id='$id'
and date='$date' and course='$course'")

                or die("Query error");}

            }

            /*foreach (array_combine($s_id, $status1) as $id => $stat){

                echo $stat;

```

```

        }*/
        header('Location: teacher_success.php');
    }
    /*if(isset($_POST['submit']))
    {
        mysqli_query($mysqli, "UPDATE codes SET code='$code', course='$course' WHERE
date='$date'");
        header('Location: attendance.php');
    }*/
    else
?>

<div class="container" style="padding-top: 25px;">
    <form name="form1" method="post" action="">
<table class="table table-bordered">
<thead>
<tr>
    <th scope="col">Student Id</th>
    <th scope="col">Name</th>
    <th scope="col">Attendance</th>
</tr>
</thead>
<tbody>
<?php
for($j = 0; $j < count($s_id); $j++) {
echo'<tr>';
    echo"<td>".$s_id[$j]."</td>";
    echo"<td>".$name[$j]."</td>";
    echo "<td>";
        if($status[$j]=='P')
        {
            echo "<label class='checkbox-inline'><input name='stats[$s_id[$j]]' type='checkbox' value='P'
checked></label>";
        }
        if($status[$j]=='A'){

```



```

        echo "<label class='checkbox-inline'><input name='stats[$s_id[$j]]' type='checkbox' value='P'
></label>";}

        echo'</td>';

    echo '</tr>';

    }?>

</tbody>
</table>

        <center> <button class="btn btn-success" id="show-add" name="submit">submit</button></center>

    </form>

</div>
</div>

    <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="sha384-
J6qa4849bIE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n"
crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-
Q6E9RHvblyZFJoft+2mJbHaEWDlV9I0Yy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-
wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6"
crossorigin="anonymous"></script>

<?php
}
else
{

    echo"

        <div class='alert alert-danger' role='alert'>

            You have to <a href='login.php'>login</a> to access this page

        </div>";

}?>
</body>
</html>

```

Code input.php:

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

<html>

<head>

    <title>Input Code</title>

    <link href="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet"
id="bootstrap-css">

    <script src="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

    <a class="navbar-brand" href="login.php">Attendance</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-
controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

        <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarNav">

        <ul class="navbar-nav">

            <li class="nav-item">

                <a class="nav-link" href="login.php">Login </a>

            </li>

            <li class="nav-item">

                <a class="nav-link" href="login.php">Home</a>

            </li>

            <li class="nav-item">

                <a class="nav-link" href="student_logout.php" tabindex="-1" >Logout</a>

            </li>

        </ul>

    </div>

</nav>

</nav>

<?php
```

```

include("connection.php");
if(isset($_SESSION['valid'])){
    $s_id= $_GET['id'];
    $name= $_SESSION['name'];
    $result1 = mysqli_query($mysqli, "SELECT * FROM students where s_id='$s_id'")
        or die("Could not execute the select query1.");

    if(isset($_POST['submit'])) {
        $code = mysqli_real_escape_string($mysqli, $_POST['code']);
        $date = mysqli_real_escape_string($mysqli, $_POST['date']);
        $course = mysqli_real_escape_string($mysqli, $_POST['course']);
        $result = mysqli_query($mysqli, "SELECT * FROM codes where date='$date' and course='$course'")
            or die("Could not execute the select query.");

        $code1="";
        if ($course=='Select Course'){echo "Please select a course";}
        else{
            while($row = mysqli_fetch_array($result))
            {
                $code1=$row['code'];
            }
            if($code==$code1)
            {
                mysqli_query($mysqli, "UPDATE attendance SET status='P' where s_id='$s_id' and date='$date'
and course='$course'");
                header("Location:student_success.php");
            }
            else
                echo"
                <div class='alert alert-danger' role='alert'>
                    input wrong code or course or date!
                </div>";
        }}
    else

```

```

{
/*<p><font size="+2">Input Code</font></p>
    <form name="form1" method="post" action="">
        <table width="75%" border="0">
            <tr>
                <td width="10%">code</td><br>
            </tr>

            <tr>
                <td><input type="text" name="code" required></td>
            </tr><tr><td> &nbsp;</td></tr>
            <tr>
                <td><input name="date" type="date" required></td>
            </tr><tr><td> &nbsp;</td></tr>
            <tr>
                <td>
                    <select name="course">
                        <option> Select Course</option>
                        <?php
                            while($row = mysqli_fetch_array($result1))
                            {
                                echo "<option>$row[course]</option>";
                            }?>
                    </select>
                </td>
            </tr><tr><td> </td></tr>
            <tr>
                <td>&nbsp;</td>
                <td><input type="submit" name="submit" value="Submit"></td>
            </tr>
        </table>
    </form> */ } ?>

```

```

<div class="container">
  <div class="row">
    <div class="col-sm-9 col-md-7 col-lg-6 mx-auto">
      <div class="card card-signin my-5">
        <div class="card-body" style="background-color:ivory">
          <form class="form-signin" method="post" action="">
            <div class="form-group row">
              <label for="example-text-input" class="col-2 col-form-
label">Code</label>
              <div class="col-10">
                <input class="form-control" type="text" value=""
name="code" required>
              </div>
            </div>
            <div class="form-group row">
              <label for="example-date-input" class="col-2 col-form-
label">Date</label>
              <div class="col-10">
                <input class="form-control" type="date" value=""
name="date" required>
              </div>
            </div>
            <div class="form-group row">
              <label for="example-date-input" class="col-2 col-form-
label">Course</label>
              <div class="col-10">
                <select class="form-control" name="course" >
                  <option> Select Course</option>
                  <?php
                    while($row = mysqli_fetch_array($result1))
                    {
                      echo "<option>$row[course]</option>";
                    }?>
                </select>
              </div>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

```

```

        </div>
    </div>
    <br>
    <div class="text-center">
        <button class="btn btn-primary btn-success text-uppercase"
style="width:200" name="submit" type="submit">Submit</button>
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
    <?php
    }
    else
    {
        echo"
        <div class='alert alert-danger' role='alert'>
            You have to <a href='login.php'>login</a> to access this page
        </div>";
    }
?>
</body>
</html>

```

Student_logout.php:

```
<?php
session_start();
unset($_SESSION['valid']);
header("Location:login.php");
?>
```

Teacher_logout.php:

```
<?php
session_start();
unset($_SESSION['valid1']);
header("Location:login.php");
?>
```