American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation
Finished Project Report
Fall 2020-2021

Project Title: UNIVERSITY MANAGEMENT SYSTEM
Section: E

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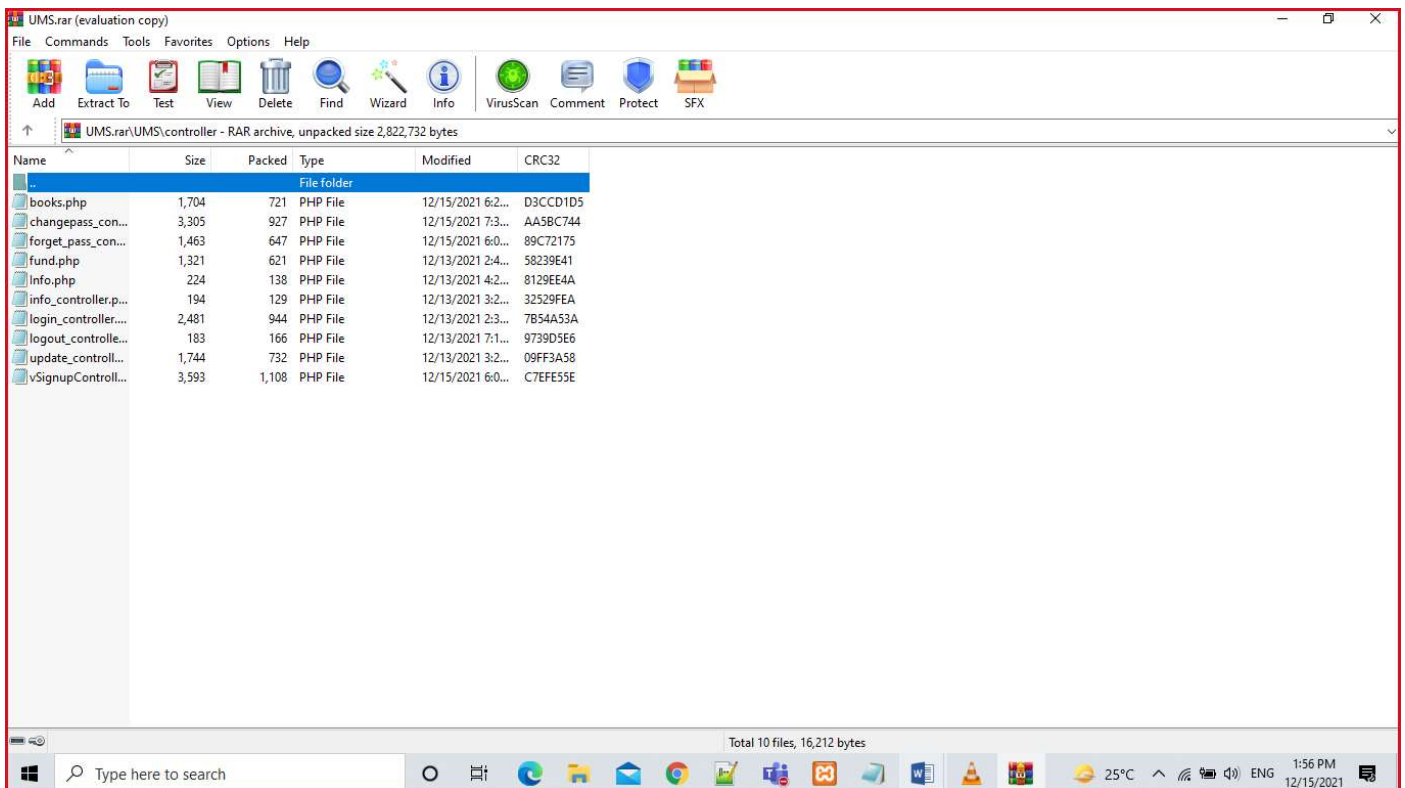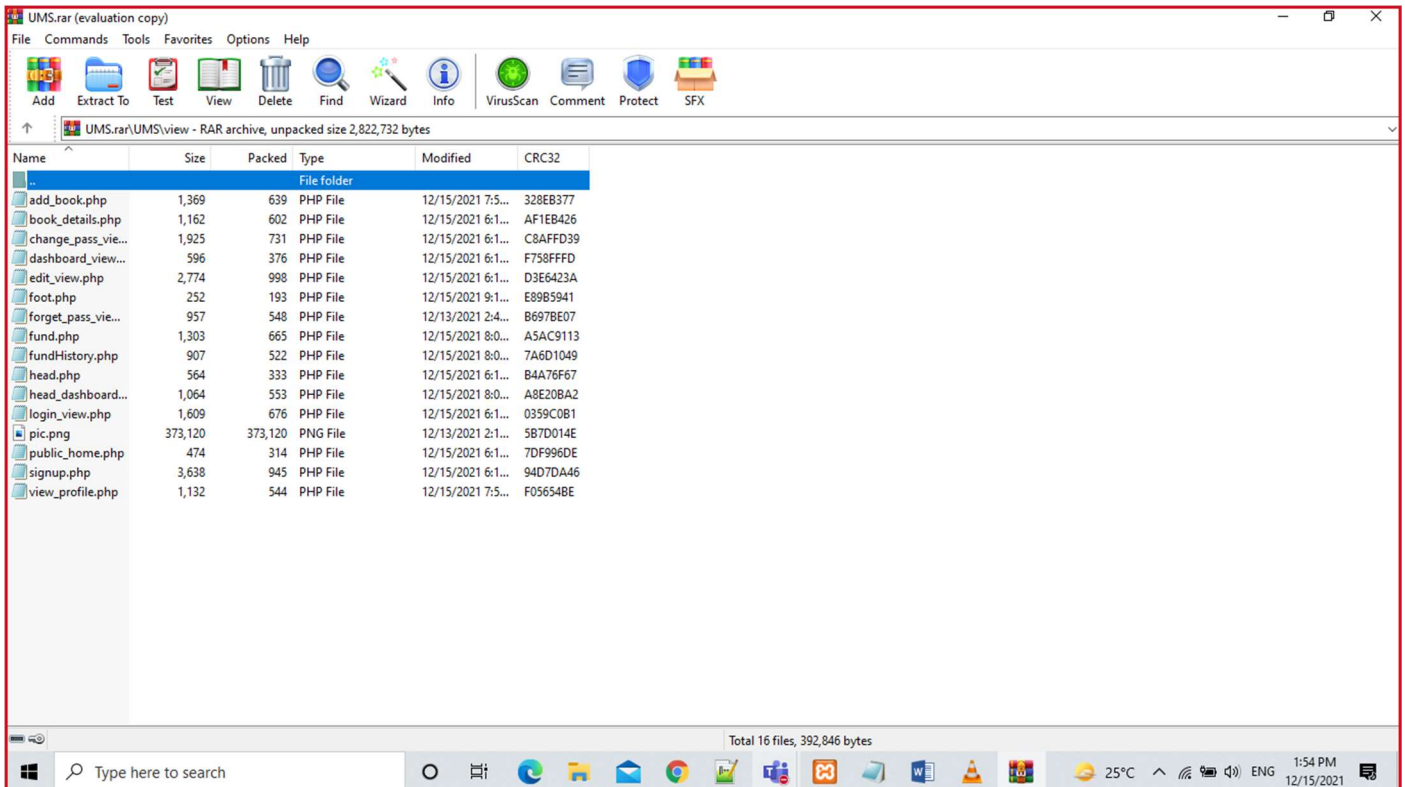# UNIVERSITY MANAGEMENT SYSTEM

Project Description:

A web-based solution for colleges and universities is a university management system (UMS). It was designed to help the University and its affiliated institutions manage, monitor, and analyze complex activities such as Centralized Admission, Centralized Examination, and many others. UMS provides a user-friendly interface that unifies all university procedures and manages all workflow areas. It eliminates manual work and assists universities in achieving maximum productivity by computerizing student enrollment, admissions, assessments & examination management, online result publishing, and alumni management. The University Management System is a web-based solution for colleges, universities, and schools (UMS). It was created to assist the University and its affiliated institutions in managing, monitoring, and evaluating complex processes such as centralized admissions and examinations. To make administrative tasks easier, most universities now use a cloud-based system called University Management System. It includes modules for a variety of university administration functions, allowing everything to be managed digitally. It also takes into account each student's time at university. This helps the university keep track of each student. Students can also find out when their payments are due and other important information, saving them from having to contact the university every time they have a question. Developing university management software is becoming increasingly important because it helps an institution stay ahead of the competition in terms of increasing productivity, lowering overhead costs, and optimizing the educational process. Education digitization is no longer a passing fad, but rather a strategy for making a university as efficient as possible. The functionality of university management software, its various types, benefits, and peculiarities, as well as how to develop university management system software, will be described in this article. There are 4-types of Users here. They are: Admin, Student, Teacher, Liberian. For chosing this project because it will be web-based, and thus its users will be able to access it from anywhere on the internet. It will be useful for all users because they will not be able to see each other physically. And this system will be a representation of all of the users' basic needs.
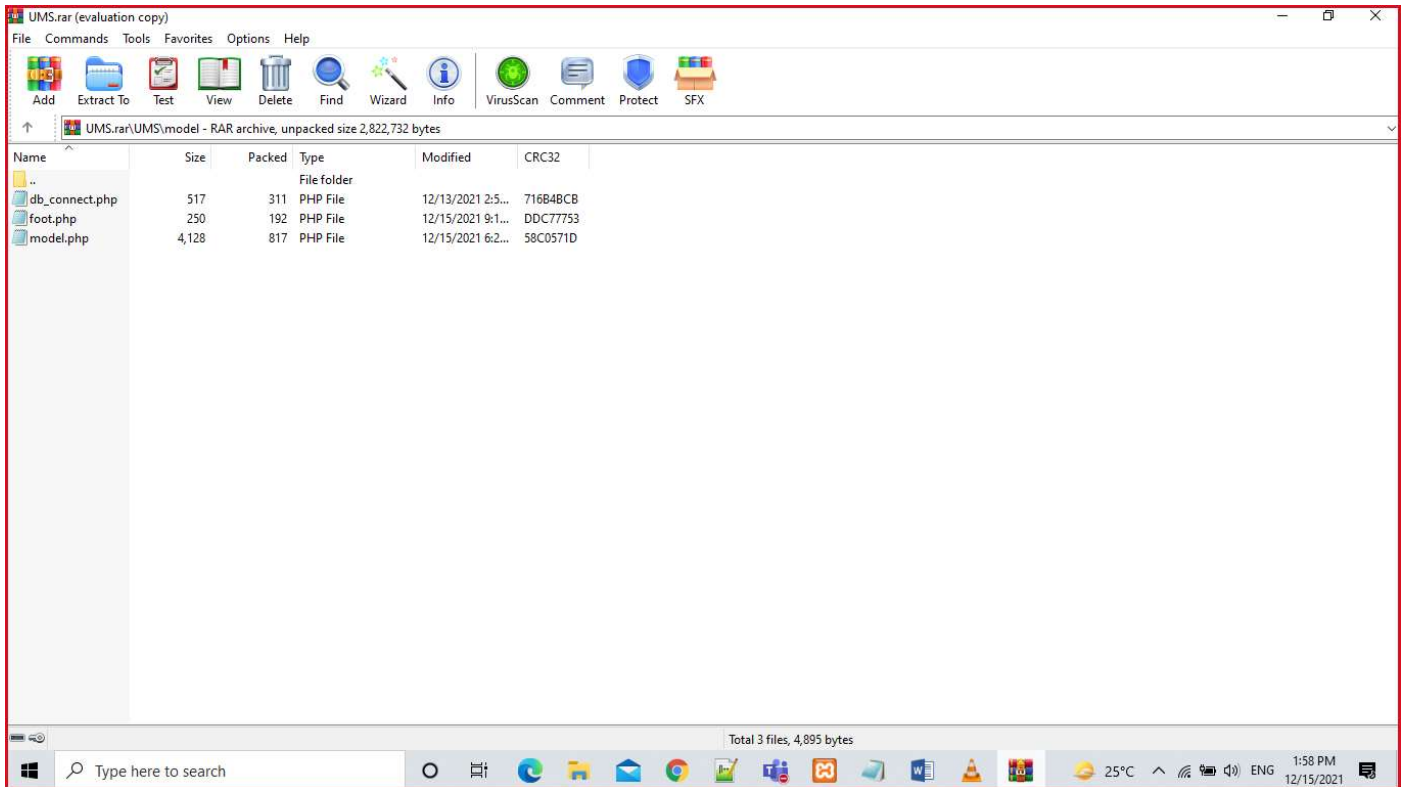
Write Your Project Title Here

Project Folder Structure:

Write Your Project Title Here

Core Modules of the Project:
Here, add THREE of your CORE modules' source code with appropriate filename as heading. (Use either `consolas` *or* `courier new` *font for source code)*

Login.php

```
<!DOCTYPE html>
<html>
<head>

<meta charset="UTF-8">
<title>Teacher Login </title>
<script src="js/login.js"></script>
<style>
body{
background-color: RGB(255,255,255);
}
form{
background-color: skyblue;
height:400px;
width:700px;
text-align: center;

}</style>

</head>
```

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```html
<body>

<center>
<h2><u>American Internationa University Bangladesh</u></h2>
<img src="aiub200_200.jpg" width="100" height="100" border="5" title="AIUB" align
="center"/>
<br/><br/>
<form action="<?php echo htmlspecialchars( $_SERVER['PHP_SELF']) ?>"
method="POST"name="loginform"onsubmit="return isValid()">
<fieldset>
<legend><h1>Login Form</h1></legend>
UserId: <input type="text" name="userId"placeholder="UserId" value="<?php
if(isset($_COOKIE["userId"])) { echo $_COOKIE["userId"]; } ?>"><span id="userIdjs"
style="color: red;"></span>
<br><br>
Password: <input type="password" name="password"placeholder="Password" value="<?php
if(isset($_COOKIE["password"])) { echo $_COOKIE["password"]; } ?>"><span id="passwordjs"
style="color: red;"></span>
<br><br>
<input type="checkbox" name="remember" value="remember">Remember me<br>
<input type="submit" name="login" value="Login"><br>
<h3>forgotten password? <a href="forgotPassword.php"> Click here </a> for create new
password</h3>

</fieldset>
</form>
</center>
<?php
include "../controllers/loginAction.php";
?>
<br><br>


</body>
</html>

<?php

if($_SERVER['REQUEST_METHOD'] === "POST" and count($_REQUEST)>0)
{

include"../model/databaseConnect.php";

$sql = "SELECT * FROM teacher_registration WHERE userId = ? and password = ?";
$stmt = $connection->prepare($sql);
$stmt->bind_param("ss",$userId, $password);
$userId=$_POST['userId'];
$password=$_POST['password'];
$response = $stmt->execute();

if ($response) {
$data = $stmt->get_result();
```

```php
if ($data->num_rows > 0) {
session_start();
foreach($data as $data1)

{
$_SESSION['userId']=$data1['userId'];
$_SESSION['TName']= $data1['TName'];
$_SESSION['phoneNo']=$data1['phoneNo'];
$_SESSION['email']=$data1['email'];
$_SESSION['Department']=$data1['Department'];
$_SESSION['passing_year']=$data1['passing_year'];
if(empty($_POST["remember"]))
{
setcookie("userId","");
setcookie("password","");
}
else
{
setcookie ("userId",$_POST["userId"],time() + 86400);
setcookie ("password",$_POST["password"],time() + 86400);
}

}


header("Location:THome.php");

}

else {
echo "Login failed.";
echo"<br>";
echo "Please fill up the form properly";
}
}
$connection->close();
}




?>

function isValid(){
var userId = document.forms['loginform']['userId'].value;
var password = document.forms['loginform']['password'].value;

if(userId === ""){
document.getElementById('userIdjs').innerHTML = "*userId is empty";

}
if(password === ""){
```

```
document.getElementById('passwordjs').innerHTML = "*password is empty";
return false;
}
else{
return true;
alert("login sucessfully");
}
}
```

__student.php__

```php
<?php include('server.php'); ?>
<html>
<head>
<title>Student Registration</title>
<link rel="stylesheet" type="text/css" href="StudentRed.css">

</head>
<body>
<div class="header">
<h2>Registration</h2>

</div>
<?php include('errors.php') ?>
<form method="POST" action="StudentReg.php">

<div class="input-group">
 <label>Student Name</label>
 <input type="text"  name="username" value="<?php echo $username ?>" >
</div>
<div class="input-group">
 <label>Email</label>
 <input type="text"  name="email" value="<?php echo $email ?>" >
</div>
<div class="input-group">
 <label>Date of Birth</label>
 <input type="text"  name="dob" value="<?php echo $dob ?>" >
</div>
<div class="input-group">
 <label>Admission Date</label>
 <input type="text"  name="aod" value="<?php echo $aod ?>">
</div>
<div class="input-group 1">
 <label>Password</label>
 <input type="password"  name="password"  value="<?php echo $password ?>">
</div>
<div class="input-group">
 <button type="submit" name="submit" class="btn">Submit</button>
```

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```
</div>
</br>

<input style="width:100%;height:30px; border:3px solid blue;"; type=button
onClick="location.href='Home1.php'" value='Back'>
</body>
</html>
<?php
  $username="";
  $email="";
  $dob="";
  $aod="";
  $password="";
  $errors=array();

  $db=mysqli_connect('localhost','root','','uv');

  if(isset($_POST['submit']))
  {
      $username=$_POST['username'];
      $email=$_POST['email'];
      $dob=$_POST['dob'];
      $aod=$_POST['aod'];
      $password=$_POST['password'];

      if(empty($username))
      {
          array_push($errors,"Username is required");
      }
      if(empty($email))
      {
          array_push($errors,"Email is required");
      }
      if(empty($dob))
      {
          array_push($errors,"DOB is required");
      }
      if(empty($aod))
      {
          array_push($errors,"ADD.Date is required");
      }
      if(empty($password))
      {
          array_push($errors,"password is required");
      }

      if(count($errors)==0)
      {
```

```php
            $sql="INSERT INTO sr (Name,Email,DOB,AOD,Password) VALUES
('$username','$email','$dob','$aod','$password') ";
            mysqli_query($db,$sql);
            array_push($errors,"Data Insert Successful");
        }

    }
?>

<?php if (count($errors)>0): ?>
<div class="error">
  <?php foreach ($errors as $error):?>
  <p><?php echo $error; ?></p>
  <?php endforeach ?>
</div>
<?php endif ?>


*{
    margin:0;
    padding:0;

}
body{
    font-size:25px;
    background:url(TT1.jpg);
    background-size:cover;
}
.header{
    width:350px;
    margin:40px auto 0px;
    color:black;
    background:#14ffec;
    text-align:center;
    border:3px solid black;
    border-bottom:none;
    border-radius:10px 10px 0px 0px;
    padding :5px;

}
.form
{
    width:350px;
    margin:350 px auto;

    border:1px solid #ffdd00;
    background:white;
    text-align:center;
```

```css
        border-radius:10px 10px 0px 0px;

}
.input-group{
      width:350px;
      margin:10px 0px 10px 0px;
      margin:30px auto 0px;
      color:white;
}
.input-group label{
      display:block;
      text-align:left;
      margin:6px;
}

.input-group input{
      height:30px;
      width:350px;
      padding:5px 5px;
      font-size:16px;
      border-radius:5px;
      border:3px solid #14ffec;
}
.btn
{
      width:351px;
      padding:10px;
      font-size:18px;
      color:black;
      background:#14ffec;
      border:3px solid black;
      border-radius:5px;
}
.error
{
padding:5px;
      width:26%;
      margin:0px auto;
      border: 1px solid red;
      color:black;
      background:#fcfefe;
      border-radius:5px;
      text-align:left;


}
```

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Home1.php

```html
<html>
    <meta charset="UTF-8">
    <head>
        <title>Home Index</title>
        <link rel="stylesheet" href="HomeStyle1.css">
        <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-
free@5.15.4/css/fontawesome.min.css">
    </head>
    <body align=center>
        <meta charset="UTF-8">
        <div class=menu-bar>
            <ul>
            <li><a href="#">About</a>
                <div class="sub-menu1">
                    <ul>
                        <li><a
href="https://www.aiub.edu/about/Information">Information</a></li>
                        <li><a
href="https://www.aiub.edu/about/Rules-Of-Entry">Rules of Campus</a></li>
                        <li><a
href="https://www.aiub.edu/about/career">carrier</a></li>
                        <li><a
href="https://www.aiub.edu/about/Convocation">convocation</a></li>
                        <li><a
href="https://www.aiub.edu/about/Resources">Resources</a></li>
                        <li><a
href="https://www.aiub.edu/about/Video">Videos</a></li>
                    </ul>
                </div>
            </li>
            <li><a href="#">Departments</a>
                <div class="sub-menu1">
                    <ul>
                        <li><a
href="https://www.aiub.edu/faculties/fass">FACULTY OF ARTS AND SOCIAL
SCIENCES</a></li>
                        <li><a
href="https://www.aiub.edu/faculties/fba">FACULTY OF BUSINESS
ADMINISTRATION</a></li>
                        <li><a
href="https://www.aiub.edu/faculties/engg">FACULTY OF ENGINEERING</a></li>
                        <li><a
href="https://www.aiub.edu/faculties/fst">FACULTY OF SCIENCE and
TECHNOLOGY</a></li>
                    </ul>
```

American International University-Bangladesh (AIUB)

```
                </div>

            </li>
            <li ><p>&#128587;</p><a href="#">Student </a>
               <div class="sub-menu1">
                       <ul>
                               <li><a href="Ajax.php">Student Registration
Info</a></li>
                               <li><a href="StudentReg.php">Student
Registration</a></li>
                               <li><a href="Table.php">Student List</a></li>
                       </ul>
               </div>
            </li>
            <li><a href="#"><p>&#129493;</p>Teacher</a>
                <div class="sub-menu1">
                       <ul>
                               <li><a href="index.php">Student List</a></li>
                               <li><a
href="TeacherReg.php"><p>&#129493;</p>Teacher Registration</a></li>
                               <li><a href="Table2.php">Teacher
List</a></li>
                       </ul>

                </div>

            </li>
            <li><a href="#"><p> &#128373;</p>Liberian </a>

               <div class="sub-menu1">
                       <ul>
                               <li><a href="#">Liberian Registration
Terms&Cons</a></li>
                               <li><a href="Hola8.php">Liberian
Registration</a></li>
                               <li><a href="Hola9.php">Liberian
List</a></li>
                       </ul>
               </div>
            </li>
            <li><a href="https://www.aiub.edu/contact-
us">Contacts</a></li>
            <li><a href="p2.php">ZAMIL.MD.MEHEDI</a></li>
            <li><a href="Login.php">Log out</a></li>
            </ul>
        </div>
        <style>
            #customers {
```

```css
    font-family: Arial, Helvetica, sans-serif;
    border-collapse: collapse;
    width: 100%;
}

#customers td, #customers th {
  border: 3px solid white;
  padding: 8px;
}

#customers tr:nth-child(even){background-color: #05dfd7;}
#customers tr:nth-child(odd){background-color: #05dfd7;}

#customers tr:hover {
      background-color:#fdea2e;

      }

#customers th {
  padding-top: 12px;
  padding-bottom: 12px;
  text-align: left;
  background-color: #ff0000;
  color: white;
}
</style>
</head>
<body>



<table id="customers">
  <tr>
        <th>Class ID</th>
        <th>Course Name</th>
        <th>Time</th>
        <th>Day</th>
        <th>Faculty</th>
        <th>Section</th>
        <th>No.Students</th>
        <th>status</th>
  </tr>

  <tr>

        <td>0067</td>
        <td>DISCRETE MATHEMATICS</td>
        <td>8-10</td>
        <td>Monday</td>
```

```
                <td>Mahmud Fayas</td>
                <td>B</td>
                <td>38</td>
                <td>Valid</td>
        </tr>
        <tr>

                <td>01586</td>
                <td>INTRODUCTION TO PROGRAMMING</td>
                <td>8-10</td>
                <td>sunday</td>
                <td>Fahmida Alam</td>
                <td>G</td>
                <td>43</td>
                <td>Valid</td>
        </tr>
        <tr>

                <td>05506</td>
                <td>DATA STRUCTURE</td>
                <td>10-12</td>
                <td>sunday</td>
                <td>Mahfuz Kabir</td>
                <td>D</td>
                <td>40</td>
                <td>Valid</td>
        </tr>
        <tr>

                <td>07781</td>
                <td>INTRODUCTION TO DATABASE</td>
                <td>10-12</td>
                <td>Tuesday</td>
                <td>Mukta Aktar</td>
                <td>P</td>
                <td>41</td>
                <td>Valid</td>
        </tr>
        <tr>

                <td>07496</td>
                <td>DIGITAL LOGIC AND CIRCUITS</td>
                <td>10-12</td>
                <td>Wednesday</td>
                <td>Asif Mahfuz</td>
                <td>H</td>
                <td>40</td>
                <td>Valid</td>
        </tr>
        <tr>

                <td>00059</td>
                <td>COMPILER DESIGN</td>
```

```
            <td>2-4</td>
            <td>Wednesday</td>
            <td>Masum Billah</td>
            <td>O</td>
            <td>37</td>
            <td>Valid</td>
        </tr>
        <tr>

            <td>01063</td>
            <td>COMPUTER NETWORKS</td>
            <td>10-12</td>
            <td>Wednesday</td>
            <td>Dr. Md. Sakir Hossain</td>
            <td>J</td>
            <td>41</td>
            <td>Valid</td>
        </tr>


        <h2 style="background-color:#fbffa3;border:3px solid
black;"align=center>Student Table</h2>
            <button style="width:100%;height:30px;";
id="load">load</button>


            <div id="main">
            </div>
            <script src="jquery.js"></script>
            <script>
                $(document).ready(function(){
                    $("#load").on("click",function(e){
                        $.ajax({
                            url:"second.php",
                            type:"POST",
                            success:function(data){
                                $("#main").html(data);
                            }
                        });
                    });
                });
            </script>
            <input style="width:100%;height:30px;"; type=button
onClick="location.href='Home1.php'" value='Hide'>

        <h2 style="background-color:#fbffa3; border:3px solid black;"
align=center>Teacher Table</h2>
            <button style="width:50%;height:30px;";
id="load1">load</button>
```

```
                <input style="width:50%;height:30px;"; type=button
onClick="location.href='Home1.php'" value='Hide'>

                <div id="main1">
                </div>
                <script src="jquery.js"></script>
                <script>
                    $(document).ready(function(){
                        $("#load1").on("click",function(e){
                            $.ajax({
                                url:"second2.php",
                                type:"POST",
                                success:function(data){
                                    $("#main1").html(data);
                                }
                            });
                        });
                    });
                </script>

                <h2 style="background-color:#fbffa3;width:100%;height:35px;
border:3px solid black;"align=center>Course Details Table</h2>

            </table>
        </body>

</html>
*
{
    padding:0;
    margin:0;
    box-sizing: border-box;
}
body{
    background:url(Login2.png);
    background-size:cover;
    background-position:center;
    font-family:sans-serif;
    color:black;
}
.menu-bar{
    background:rgb(0, 255,0);
    text-align:center;
    color:black;
}
.menu-bar ul{
    display:inline-flex;
    list-style:none;
```

```
        color:black;


}
.menu-bar ul li{
        width:120px;
        margin:25px;
        padding:25px;
}
.menu-bar ul li a{
        text-decoration:none;
        color:black;
}
.active,.menu-bar ul li:hover{
        background:#29c6cd;
        border-radius:4 px;

}
.sub-menu1
{
        display:none;
}
.menu-bar ul li:hover .sub-menu1
{
        display:block;
        position:absolute;
        background:rgb(255,0,0);
        margin-top:15px;
        margin-left:-15px;
        color:black;
}
.menu-bar ul li:hover .sub-menu1 ul
{
        display:block;
        margin:10px;
        color:black;
}
.menu-bar ul li:hover .sub-menu1 ul li
{
        width:120px;
        padding:15px;
        border-bottom:1px dotted #29c6cd;
        background:transparent;
        border-radius:0;
        text-align:left;
        color:black;
}
.menu-bar ul li:hover .sub-menu1 ul li:last-child
```

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```
{
      border-bottom:none;
}
.menu-bar ul li:hover .sub-menu1 ul li a:hover
{
      color:black;
}
```

CO2 and CO4 Evaluation: Project Report Evaluation					
Completeness (5)	Validation (5)	Feature Implementation (5)	Concept Understanding (5)	Promptness (5)	Total (25)