



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Spring 2020-2021

Project Title: Modern School Management System
Section: G

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Modern School Management System

Project Description:

Introduction:

This project aims to build a “Modern School Management System”. The main motivating factor of the system is, the admin can control the whole system, teachers can monitor the students, and students can return their tasks through the system. And all the users of the system can perform some specific tasks/features. This project helped to manage a school, it will helpful for admin teachers as well as students.

Background Study:

We have studied some school management-related websites to gather knowledge for this project. For example, we have used a demo version of the school management system from "Themeforest" to get an idea about themes. Then we have studied some related projects from Webdamn, MyClassCampus, and Campcodes for gathering ideas for this project.

Requirement Analysis:

1. User Category:

There are 3-types of Users here. They are:

- Admin
- Teacher
- Student

2. Feature List:

In this project the “Admin” has the following features:

- ✓ Verifying teacher & student account
- ✓ View teacher/student's details
- ✓ Modify teacher/student's details
- ✓ Delete teacher/student's details
- ✓ View and update notices for different users
- ✓ Block specific users (Example: Teacher, Student)
- ✓ Add and view class/section's information
- ✓ Edit and delete class/section's information
- ✓ Assign teacher and students to specific class/sections
- ✓ Create/Update class routine for individual class

In this project the “Teacher” has the following features:

- ✓ View specific class and student's list
- ✓ Search specific student by username/id
- ✓ Create academic syllabus
- ✓ Take student's attendance
- ✓ View the previous classes attendance
- ✓ Change the previous classes attendance
- ✓ Upload class notes.
- ✓ View and update notices for the class
- ✓ Assign homework or class tasks
- ✓ Update student's mark sheet

In this project the “Student” has the following features:

- ✓ View specific class/section's information



Modern School Management System

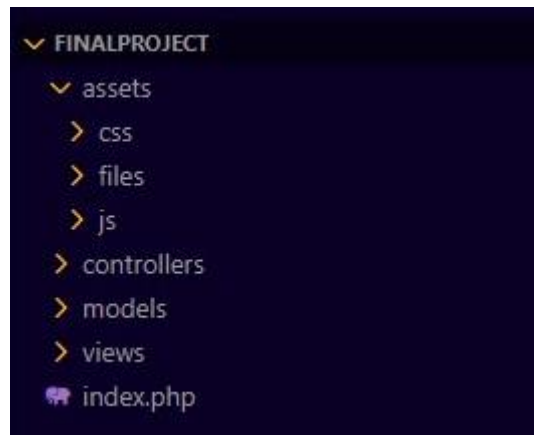
- ✓ *View class routine*
- ✓ *View teacher's details*
- ✓ *Check the notice board*
- ✓ *Download class notes*
- ✓ *Submit homework or class tasks*
- ✓ *Send messages to the teachers*
- ✓ *Apply for transport services*
- ✓ *Request for leave*
- ✓ *View their own mark sheet*

3. Tools Used:

To develop this project, we have used the following:

1. VS Code/Brackets
2. XAMPP
3. MYSQL

Project Folder Structure:



Core Modules of the Project:

Login.php

```
<!DOCTYPE html>
<html Lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login Page</title>

  <!-- External CSS Link -->
  <link rel="stylesheet" href="../assets/css/login.css">

</head>
```



Modern School Management System

```
<body>
```

```
<div class="login-page">
```

```
<table>
```

```
<td style="width: 35%;">
```

```
</td>
```

```
<td style="width: 30%;">
```

```
<h2>Login Form</h2>
```

```
<form action="../controllers/LoginCheck.php" method="POST">
```

```
<div class="container">
```

```
<label for="users"><b>User Type</b></label>
```

```
<select name="users">
```

```
<option value="admin">Admin</option>
```

```
<option value="teacher">Teacher</option>
```

```
<option value="student">Student</option>
```

```
</select>
```

```
<label for="uname"><b>Username</b></label>
```

```
<input type="text" placeholder="Enter Username"
```

```
name="username" id="username" onkeyup="uCheck()"
required>
```

```
<div class="uError"></div>
```

```
<label for="password"><b>Password</b></label>
```

```
<input type="password" placeholder="Enter Password"
```

```
name="password" id="password"
onkeyup="pCheck()" required>
```

```
<div class="pError"></div>
```

```
<div class="error">
```

```
<?php
```

```
if(!empty($_REQUEST["error"])){
```

```
$error = $_REQUEST["error"];
```

```
if($error == "incorrect"){
```

```
echo "Incorrect Username/Password";
```

```
header('Refresh: 3; URL=../views/Login.php');
```

```
}
```



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```
        }
    ?>
    </div>

        <button type="submit" name="login"
onclick="Check()">Login</button>
        <button> <a href="registration.php">Create an
account?</a> </button>
    </div>

</form>

</td>

<td style="width: 35%;">

    </td>
</table>

</div>

<!-- External Js Link -->
<script src="../../assets/js/login.js"></script>

</body>

</html>
```

registration.php

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

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration Page</title>

    <!-- External CSS Link -->
    <link rel="stylesheet" href="../../assets/css/registration.css">

</head>

<body>

    <div class="registration-page">
```



Modern School Management System

```
<table>
  <td style="width: 35%;">

  </td>

  <td style="width: 30%;">

    <h3>Registration Form</h3>

    <form action="../controllers/regCheck.php" method="POST">
      <div class="container">

        <label for="users"><b>User Type</b></label>
        <select name="users">
          <option value="admin">Admin</option>
          <option value="teacher">Teacher</option>
          <option value="student">Student</option>
        </select>
        <label for="username"><b>Username</b></label>
        <input type="text" placeholder="Enter Username"
name="username" id="username" onkeyup="uCheck()"
        required>

        <div class="uError"></div>

        <label for="name"><b>Name</b></label>
        <input type="text" placeholder="Enter Name" name="name"
id="name" onkeyup="nCheck()" required>

        <div class="nError"></div>

        <label for="email"><b>Email</b></label>
        <input type="email" placeholder="Enter Email"
name="email" id="email" onkeyup="eCheck()"
        required>

        <div class="eError"></div>

        <label for="phone"><b>Phone</b></label>
        <input type="phone" placeholder="Enter Phone"
name="phone" id="phone" onkeyup="pCheck()"
        required>

        <div class="pError"></div>

        <label for="dob"><b>Date Of Birth</b></label>
```



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```
<input type="date" placeholder="Enter Date Of Birth"
name="dob" id="dob" onkeyup="dCheck()"
required>

<div class="dError"></div>

<label for="gender"><b>Gender</b></label>

<select name="gender" id="gender" required>
    <option value="male">Male</option>
    <option value="female">Female</option>
    <option value="others">Others</option>
</select>

<label for="address"><b>Address</b></label>
<input type="text" placeholder="Enter Address"
name="address" id="address" onkeyup="aCheck()"
required>

<div class="aError"></div>

<label for="password"><b>Password</b></label>
<input type="password" placeholder="Enter Password"
name="password" id="password"
onkeyup="passCheck()" required>

<div class="passError"></div>

<label for="cpassword"><b>Confirm Password</b></label>
<input type="password" placeholder="Confirm Password"
name="cpassword" id="cpassword"
onkeyup="cpassCheck()" required>

<div class="cpassError"></div>

<div class="error">
    <?php

    if(!empty($_REQUEST["error"])){

        $error = $_REQUEST["error"];
        if($error == "notmatching"){
            echo "Passwords does not match!";
        }

    }

    ?>
```



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```
</div>

        <button type="submit" name="register">Register</button>
        <button type="back" name="back"><a
href="Login.php">Return Back</a></button>

    </div>
</form>

</td>

<td style="width: 35%;">

</td>
</table>

</div>

<!-- External Js Link -->
<script src="../../assets/js/registration.js"></script>

</body>

</html>
```

adminHome.php

```
<?php
    require("../controllers/header.php");
?>

<!DOCTYPE html>
<html Lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Admin Home Page</title>

    <!-- External CSS Link -->
    <link rel="stylesheet" href="../../assets/css/adminHome.css">

</head>

<body>
```



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```
<div class="top-section">

    <table style="width: 100%;">

        <tr>
            <td class="logo-title">
                <h3><a href="#">MSM SYSTEM</a></h3>
            </td>
            <td style="width: 35%;">
                <span class="welcome">Welcome! <span> <b>
                    <a
                        href="admin/adminProfile.php?username=<?php
echo $_COOKIE["loggedInName"]; ?>"><?php echo $_COOKIE["loggedInName"]; ?></a>
                    </b></span></span>
                <span class="top-menu">
                    <a href="#">Home</a> |
                    <a
href="../views/admin/adminNoticesList.php">Notices</a> |
                    <a href="../controllers/logout.php">Logout</a>
                </span>
            </td>
        </tr>
    </table>

</div>

<div class="main-section">
    <center>
        <h1 style="color: #B8C6CC;">Admin Dashboard</h1>
        <table border="2" style="width: 100%;">
            <tr>
                <td class="left-menu">
                    <a href="admin/adminTeachers.php">Teachers</a> <br>
                    <a href="admin/adminStudents.php">Students</a> <br>
                    <a
href="admin/adminClassSections.php">Classes/Sections</a> <br> <br>
                    <a href="admin/adminNotices.php">Notices</a> <br> <br>
                </td>
                <td style="width: 75%; padding: 20px;">

                    <html>
                    <h2 style="color: #B8C6CC;">Admin List :-</h2>
                    <center>
                        <table border="1" class="admin-table">
                            <tr>
```



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```
<th style="width: 200px;">Username</th>
<th style="width: 200px;">Name</th>
<th style="width: 200px;">Email</th>
<th style="width: 200px;">Phone</th>
</tr>
</table>
</center>

</html>

<?php

$con = mysqli_connect('localhost', 'root', '', 'webtech');
$sql = "select * from users where users = 'admin' and status =
'verified'";
$res = mysqli_query($con, $sql);

while($userArray = mysqli_fetch_assoc($res)){

?>

<html>
<center>
<table class="admin-table" border="1">
<tr>
<td style="width:
200px;"><?=$userArray['username']?></td>
<td style="width:
200px;"><?=$userArray['name']?></td>
<td style="width:
200px;"><?=$userArray['email']?></td>
<td style="width:
200px;"><?=$userArray['phone']?></td>
</tr>
</table>
</center>

</html>
<?php
}

?>

</td>
</tr>
</table>
</center>
</div>
```



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```
<div class="admin-search">

    <center>

        <form action="">
            <fieldset>
                <legend>Search by username</legend>

                <label for="username"><b>Username:</b></label>
                <input type="text" placeholder="Enter Username"
name="username" onkeyup="showAdmin(this.value)">

                <br>
                <div id="txtHint">Details will be shown here...</div>

            </fieldset>
        </form>
    </center>

</div>

<!-- External Js Link -->
<script src="../../assets/js/adminHome.js"></script>

</body>

</html>
```

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

