

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring/Summer/Fall 2020-2021**

**Project Title: Student Management System**

**Section: H**

|  |  |
| --- | --- |
| Student Name | Student Id |
| Rokon, Rezwanur Rais | **18-37122-1** |
| Hossain Ahmed Patwary | **18-39266-3** |
| Kabir Shahriar | **18-37094-1** |
|  |  |

**Project Description:**

Our project is to make a system which can maintain a school management very efficiently. We can easily track every information of students and admins with this system. Any admin can easily login with username and password and then he or she can edit or add student information. Student’s details can be shown easily. If there is any slight mistake when student’s information was inserted, admin can easily use edit button to fix those informations and then can update the information. Otherwise when needed admin can also delete any of the students.

**Project Folder Structure:**

sms

admin

[404.php](https://github.com/RokonRezwan/webtech/blob/main/admin/404.php)

[add-student.php](https://github.com/RokonRezwan/webtech/blob/main/admin/add-student.php)

[all-students.php](https://github.com/RokonRezwan/webtech/blob/main/admin/all-students.php)

[all-users.php](https://github.com/RokonRezwan/webtech/blob/main/admin/all-users.php)

[dashboard.php](https://github.com/RokonRezwan/webtech/blob/main/admin/dashboard.php)

[dbcon.php](https://github.com/RokonRezwan/webtech/blob/main/admin/dbcon.php)

[delete-student.php](https://github.com/RokonRezwan/webtech/blob/main/admin/delete-student.php)

[index.php](https://github.com/RokonRezwan/webtech/blob/main/admin/index.php)

[login.php](https://github.com/RokonRezwan/webtech/blob/main/admin/login.php)

[logout.php](https://github.com/RokonRezwan/webtech/blob/main/admin/logout.php)

[registration.php](https://github.com/RokonRezwan/webtech/blob/main/admin/registration.php)

[style.css](https://github.com/RokonRezwan/webtech/blob/main/admin/style.css)

[update-student.php](https://github.com/RokonRezwan/webtech/blob/main/admin/update-student.php)

css

[bootstrap-theme.css](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap-theme.css)

[bootstrap-theme.css.map](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap-theme.css.map)

[bootstrap-theme.min.css](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap-theme.min.css)

[bootstrap-theme.min.css.map](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap-theme.min.css.map)

[bootstrap.css](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap.css)

[bootstrap.css.map](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap.css.map)

[bootstrap.min.css](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap.min.css)

[bootstrap.min.css.map](https://github.com/RokonRezwan/webtech/blob/main/css/bootstrap.min.css.map)

[dataTables.bootstrap.min.css](https://github.com/RokonRezwan/webtech/blob/main/css/dataTables.bootstrap.min.css)

[font-awesome.css](https://github.com/RokonRezwan/webtech/blob/main/css/font-awesome.css)

[font-awesome.min.css](https://github.com/RokonRezwan/webtech/blob/main/css/font-awesome.min.css)

fonts

[FontAwesome.otf](https://github.com/RokonRezwan/webtech/blob/main/fonts/FontAwesome.otf)

[fontawesome-webfont.eot](https://github.com/RokonRezwan/webtech/blob/main/fonts/fontawesome-webfont.eot)

[fontawesome-webfont.svg](https://github.com/RokonRezwan/webtech/blob/main/fonts/fontawesome-webfont.svg)

[fontawesome-webfont.ttf](https://github.com/RokonRezwan/webtech/blob/main/fonts/fontawesome-webfont.ttf)

[fontawesome-webfont.woff](https://github.com/RokonRezwan/webtech/blob/main/fonts/fontawesome-webfont.woff)

[fontawesome-webfont.woff2](https://github.com/RokonRezwan/webtech/blob/main/fonts/fontawesome-webfont.woff2)

[glyphicons-halflings-regular.eot](https://github.com/RokonRezwan/webtech/blob/main/fonts/glyphicons-halflings-regular.eot)

[glyphicons-halflings-regular.svg](https://github.com/RokonRezwan/webtech/blob/main/fonts/glyphicons-halflings-regular.svg)

[glyphicons-halflings-regular.ttf](https://github.com/RokonRezwan/webtech/blob/main/fonts/glyphicons-halflings-regular.ttf)

[glyphicons-halflings-regular.woff](https://github.com/RokonRezwan/webtech/blob/main/fonts/glyphicons-halflings-regular.woff)

[glyphicons-halflings-regular.woff2](https://github.com/RokonRezwan/webtech/blob/main/fonts/glyphicons-halflings-regular.woff2)

js

[bootstrap.js](https://github.com/RokonRezwan/webtech/blob/main/js/bootstrap.js)

[bootstrap.min.js](https://github.com/RokonRezwan/webtech/blob/main/js/bootstrap.min.js)

[dataTables.bootstrap.min.js](https://github.com/RokonRezwan/webtech/blob/main/js/dataTables.bootstrap.min.js)

[jquery-3.5.1.js](https://github.com/RokonRezwan/webtech/blob/main/js/jquery-3.5.1.js)

[jquery.dataTables.min.js](https://github.com/RokonRezwan/webtech/blob/main/js/jquery.dataTables.min.js)

[npm.js](https://github.com/RokonRezwan/webtech/blob/main/js/npm.js)

[script.js](https://github.com/RokonRezwan/webtech/blob/main/js/script.js)

index.php

**Core Modules of the Project:**

*Our main three core modules are*

***login.php***

<?php

require\_once 'dbcon.php';

session\_start();

if(isset($\_SESSION['user\_login'])){

      header('location:index.php');

}

    if(isset($\_POST['login'])){

      $username = $\_POST['username'];

      $password = $\_POST['password'];

      $username\_check = mysqli\_query($link,"SELECT \* FROM `users` WHERE `username` = '$username'");

      if(mysqli\_num\_rows($username\_check) > 0 ){

            $row = mysqli\_fetch\_assoc($username\_check);

            if($row['password'] == $password){

                  if($row['status'] == 'active'){

                        $\_SESSION['user\_login'] = $username;

                        header('location:index.php');

                  }

                  else{

                        $status\_inactive = "Your status is Inactive ! ";

                  }

            }

            else{

                  $wrong\_password = "Wrong Password ! ";

            }

      }

      else{

            $username\_not\_found = "User Name not found ! ";

      }

    }

?>

<!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">

    <title>Admin Login</title>

    <link href="../css/bootstrap.min.css" rel="stylesheet">

  </head>

  <body>

    <div class="container">

    <h1 class="text-center">Student Management System</h1>

    <br>

    <h2 class="text-center">Admin Login Form</h2>

    <br>

    <div class="row">

        <div class="col-sm-4 col-sm-offset-4">

            <form action="login.php" method="POST">

                <div>

                     <input type="text" placeholder="User Name" name="username" required="" class="form-control" value="<?php if(isset($username)){echo $username;} ?>">

                </div>

                <div>

                     <input type="password" placeholder="Password" name="password" required="" class="form-control" value="<?php if(isset($password)){echo $password;} ?>">

                </div>

                <br>

                <div>

                     <input type="submit" value="Login" name="login" class = "btn btn-primary">

                </div>

            </form>

        </div>

    </div>

      <br>

      <div class="alart alart-danger col-sm-4 col-sm-offset-4">

          <?php if(isset($username\_not\_found)){echo '<div >'.$username\_not\_found.'</div>';} ?>

          <?php if(isset($wrong\_password)){echo '<div >'.$wrong\_password.'</div>';} ?>

          <?php if(isset($status\_inactive)){echo '<div >'.$status\_inactive.'</div>';} ?>

      </div>

            <br>

            <br>

            <p>Dont have any have an account? Then please <a class="" href="registration.php">Register</a></p>

            <br>

            <br>

            <hr>

     <footer>

         <p>Rokon, Rezwanur Rais</p>

         <p>Copyright : All Aights Are Reserved</p>

     </footer>

    </div>

  </body>

</html>

***../admin/registration.php***

<?php

require\_once 'dbcon.php';

session\_start();

    if(isset($\_POST['registration'])){

          $name=$\_POST['name'];

          $email=$\_POST['email'];

          $username=$\_POST['username'];

          $password=$\_POST['password'];

          $c\_password=$\_POST['c\_password'];

          /\*$photo = explode('.',$\_FILES(['photo']['name']));

          $photo = end($photo);

          $photo\_name = $username.'.'.$photo;\*/

          $input\_error = array();

          if(empty($name)){

                $input\_error['name'] = "The Name field is required";

          }

          if(empty($email)){

            $input\_error['email'] = "The Email field is required";

          }

          if(empty($username)){

            $input\_error['username'] = "The User Name field is required";

          }

          if(empty($password)){

            $input\_error['password'] = "The Password field is required";

          }

          if(empty($c\_password)){

            $input\_error['c\_password'] = "Please re-enter the password";

          }

          if(count($input\_error) == 0){

                $email\_check = mysqli\_query($link,"SELECT \* FROM `users` WHERE `email` = '$email';");

                 if(mysqli\_num\_rows($email\_check) == 0){

                  $username\_check = mysqli\_query($link,"SELECT \* FROM `users` WHERE `username` = '$username';");

                    if(mysqli\_num\_rows($username\_check) == 0){

                           if($password == $c\_password){

                              $query="INSERT INTO `users`( `name`, `email`, `username`, `password`, `status`) VALUES ('$name','$email','$username','$password','inactive')";

                              $result = mysqli\_query($link,$query);

                              $success = "Registration Successful";

                          }

                          else{

                              $password\_not\_match = "Password didn't match";

                          }

                  }

                  else{

                        $username\_error = "This User Name is aready exists.";

                  }

                 }

                 else{

                       $email\_error = "This Email address is aready exists.";

                 }

          }

    }

?>

<!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">

    <title>Admin Registration</title>

    <link href="../css/bootstrap.min.css" rel="stylesheet">

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

  </head>

  <body>

    <div class="container">

    <h1 class="text-center">Student Management System</h1>

    <br>

    <h2 class="text-center">Admin Registration Form</h2>

    <br>

        <hr/>

        <div class="row">

            <div class="col-md-12">

                <form action="" method="POST" enctype="multipart/form-data" class="form-horizontal">

                    <div class="form-group">

                        <label for="name" class="control-label col-sm-1">Name</label>

                        <div class="col-sm-4">

                             <input class="form-control" id="name" type="text" name="name" placeholder="Enter your name" value="<?php if(isset($name)){echo $name;} ?>" />

                        </div>

                        <label class="error"><?php if(isset($input\_error['name'])){echo $input\_error['name'];}?></label>

                    </div>

                    <div class="form-group">

                        <label for="email" class="control-label col-sm-1">Email</label>

                        <div class="col-sm-4">

                             <input class="form-control" id="email" type="email" name="email" placeholder="Enter your email" value="<?php if(isset($email)){echo $email;} ?>" />

                        </div>

                        <label class="error"><?php if(isset($input\_error['email'])){echo $input\_error['email'];}?></label>

                        <label class="error"><?php if(isset($email\_error)){echo $email\_error;}?></label>

                    </div>

                    <div class="form-group">

                        <label for="username" class="control-label col-sm-1">User Name</label>

                        <div class="col-sm-4">

                             <input class="form-control" id="username" type="text" name="username" placeholder="Enter your User name" value="<?php if(isset($username)){echo $username;} ?>" />

                        </div>

                        <label class="error"><?php if(isset($input\_error['username'])){echo $input\_error['username'];}?></label>

                        <label class="error"><?php if(isset($username\_error)){echo $username\_error;}?></label>

                    </div>

                    <div class="form-group">

                        <label for="password" class="control-label col-sm-1">Password</label>

                        <div class="col-sm-4">

                             <input class="form-control" id="password" type="password" name="password" placeholder="Enter your Password" value="<?php if(isset($password)){echo $password;} ?>" />

                        </div>

                        <label class="error"><?php if(isset($input\_error['password'])){echo $input\_error['password'];}?></label>

                    </div>

                    <div class="form-group">

                        <label for="c\_password" class="control-label col-sm-1">Confirm Password</label>

                        <div class="col-sm-4">

                             <input class="form-control" id="c\_password" type="password" name="c\_password" placeholder="Re-enter your Password" value="<?php if(isset($c\_password)){echo $c\_password;} ?>" />

                        </div>

                        <label class="error"><?php if(isset($input\_error['c\_password'])){echo $input\_error['c\_password'];}?></label>

                        <label class="error"><?php if(isset($password\_not\_match)){echo $password\_not\_match;}?></label>

                    </div>

                    <div class="form-group">

                        <label for="photo" class="control-label col-sm-1">Photo</label>

                        <div class="col-sm-4">

                             <input id="name" type="file" name="photo"/>

                        </div>

                    </div>

                    <div class="col-sm-4 col-sm-offset-1">

                        <input type="submit" value="Register" name="registration" class="btn btn-primary">

                        <label class="error"><?php if(isset($success)){echo $success;}?></label>

                    </div>

                </form>

            </div>

        </div>

        <br>

        <br>

        <p>If you have an account? Then please <a class="" href="login.php">Login</a></p>

  <hr>

     <footer>

         <p>Rokon, Rezwanur Rais</p>

         <p>Copyright : All Aights Are Reserved</p>

     </footer>

    </div>

  </body>

</html>

***../admin/all-student.php***

<h1 class="text-primary"> <i class="fa fa-users"></i> All Students <small>Information</small> </h1>

    <ol class="breadcrumb">

      <li class="active"></li>

    </ol>

    <div class="table-responsive">

            <table id="data" class="table table-hover table-bordered table-striped">

              <thead>

                <tr>

                  <th>Id</th>

                  <th>Name</th>

                  <th>Roll</th>

                  <th>Class</th>

                  <th>City</th>

                  <th>Contact</th>

                  <th>Action</th>

                </tr>

              </thead>

              <tbody>

               <?php

                 $db\_sinfo = mysqli\_query($link,"SELECT \* FROM `student\_info`");

                 while($row = mysqli\_fetch\_assoc($db\_sinfo)){ ?>

                <tr>

                  <td><?php echo $row['id']; ?></td>

                  <td><?php echo $row['name']; ?></td>

                  <td><?php echo $row['roll']; ?></td>

                  <td><?php echo $row['class']; ?></td>

                  <td><?php echo $row['city']; ?></td>

                  <td><?php echo $row['pcontact']; ?></td>

                  <td>

                        <a href="index.php?page=update-student&id=<?php echo base64\_encode($row['id']); ?>" class="btn btn-xs btn-warning"><i class="fa fa-pencil"></i> Edit</a>

                        &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

                        <a href="delete-student.php?id=<?php echo base64\_encode($row['id']); ?>" class="btn btn-xs btn-danger"><i class="fa fa-trash"></i> Delete</a>

                  </td>

                </tr>

                <?php

                 }

                ?>

              </tbody>

            </table>