



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Summer 2020-2021

Project Title: StudBud
Section: E

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Project Description:

The main purpose of StudBud is to simplify the tedious task of Students by providing this service in a user friendly environment. The Main Vision of StudBudd is to help students in their most difficult times during studies. StudBud is a platform where Students can find 24/7 homework help and online tutoring. On the other hand, other users (instructors) who are expert in such area can help Students with their knowledge. Some of its features are:

- Find solutions to homework questions
- You can get online tutors to help you either with a question or for repeated sessions.
- Users can get help from expert instructors 24/7.

There are 4-types of Users here.

They are:

- Admin
- Moderator
- Instructor
- Student

1. In this project the “**User Admin**” has the following features:

- Add new moderator/student/instructors.
- Delete existing moderator/student/instructors.
- Edit existing moderator/student/instructors information.
- Full Control of the Website.

2. In this project the “**User Moderator**” has the following features:

- Add new student/instructors.
- Delete existing student/instructors.
- Edit existing student/instructors information.

3. In this project the “**User Student**” has the following features:

- All users can register to the system.
- All users can Login to the system.
- Can manipulate their profile information (edit-delete-view).

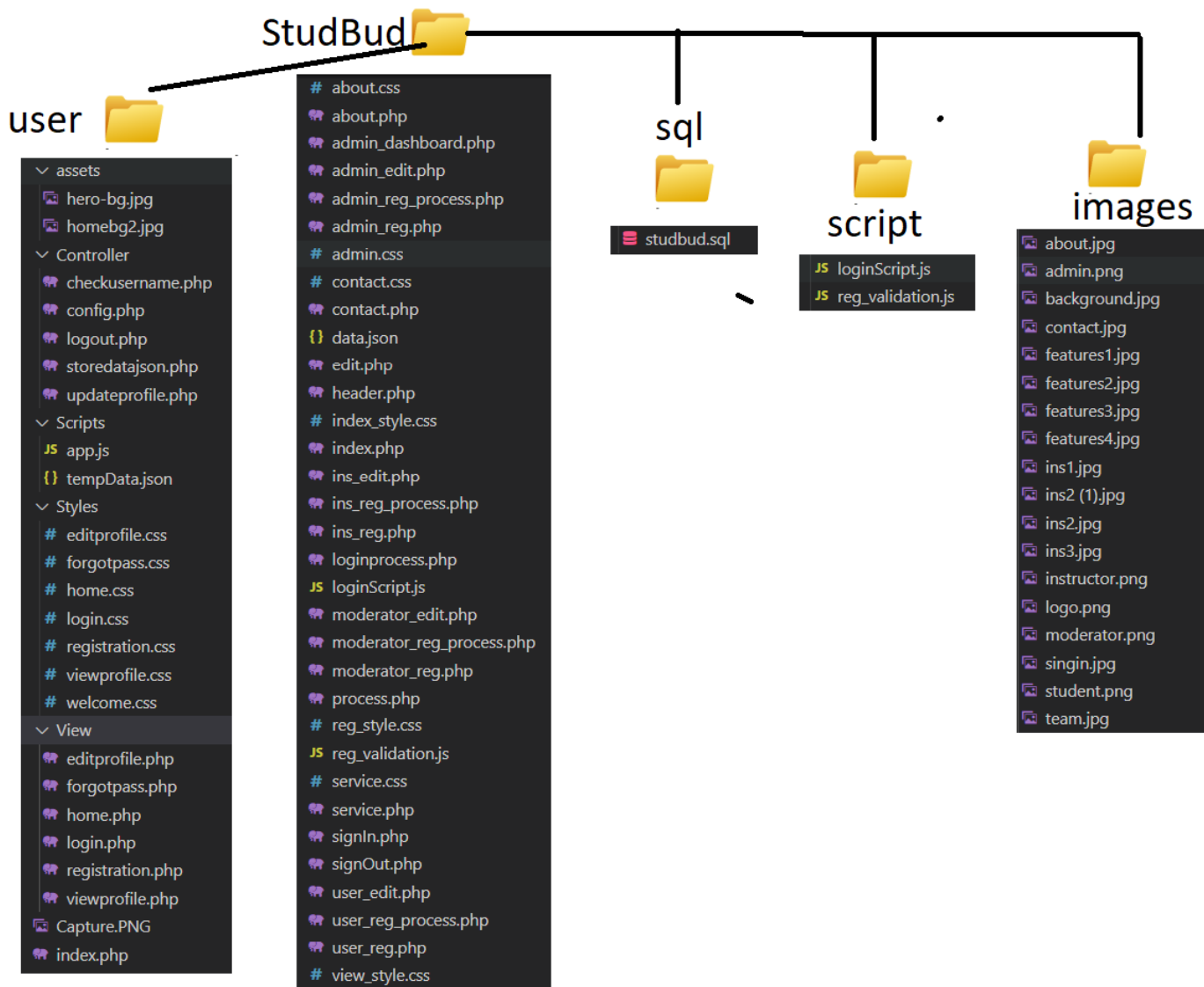
4. In this project the “**User Instructor**” has the following features:

- All users can register to the system.
- All users can Login to the system.
- Can manipulate their profile information (edit-delete-view).

Project Folder Structure:



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Core Modules of the Project:

login.php

```

<?php
session_start();

if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true){
    header("location: home.php");
    exit;
}

require_once "../Controller/config.php";

$username = $password = "";
$login_err = "";

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

```



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```
if(empty(trim($_POST["username"]))) {
    $login_err = "Please enter username.";
} else{
    $username = trim($_POST["username"]);
}

if(empty(trim($_POST["password"]))) {
    $login_err = "Please enter your password.";
} else{
    $password = trim($_POST["password"]);
}

if(empty($login_err) ){
    $sql = "SELECT id, name, password, email, gender FROM users
WHERE name = '$username' and password = '$password'";

    $result = mysqli_query($link,$sql);
    $row=mysqli_fetch_row($result);
    $count = mysqli_num_rows($result);

    if($count == 1){
        session_start();

        $_SESSION["loggedin"] = true;
        $_SESSION["id"] = $row[0];
        $_SESSION["username"] = $username;
        $_SESSION["email"] = $row[3];
        $_SESSION["gender"] = $row[4];

        header("location: ../home.php");
        exit;
    }else{
        $login_err = "Invalid username or password.";
    }
}

mysqli_close($link);
}
?>
```

```
<!DOCTYPE html>
<html lang="en">
<html>
<head>
    <title>Login Form Design</title>
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
```



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```
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.
css" integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.14.0/css/all.min.css" integrity="sha512-
1PKOgIY59xJ8Co8+NE6FZ+LOAZKjy+KY8iq0G4B3CyeY6wYHN3yt9PW0XpSriVlkMXe40PTK
nXrLnZ9+fkDaog==" crossorigin="anonymous" />
<link rel="stylesheet" href="../../Styles/login.css">
</head>

<body>
<div class="container">
<div class="myCard">
<div class="row">
<div class="col-md-6">
<div class="myLeftCtn">
<form class="myForm text-center" method="post"
action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>" >
<header>LOG IN</header>

<div class="form-group">
<i class="fas fa-user"></i>
<input class="myInput" type="text"
name="username" value="<?php echo $username;?>" required>
</div>

<div class="form-group">
<i class="fas fa-lock"></i>
<input class="myInput" type="password"
name="password" value="<?php echo $password;?>" required>
</div>

<div class="form-group">
<label>
<span class="text-
danger"><small><?php echo $login_err;?></small></span>
<a href="forgotpass.php"
class="ForgetPwd" value="Login"> <small> Forgot Password?</small></a>

</label>
</div>

<div><input type="submit" class="butt"
value="LOG IN"></div>
```



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```
<div><input type="button"  
class="butt_reg" value="REGISTER" id="butt_reg"/></div>  
  
    </form>  
  </div>  
</div>  
<div class="col-md-6">  
  <div class="myRightCtn">  
    <div class="box"><header>Welcome!</header>  
  
    </div>  
  
  </div>  
</div>  
</div>  
</div>  
  
<script>  
  document.getElementById("butt_reg").onclick =  
function () {goToRegisterPage() };  
  
  function goToRegisterPage(){  
    window.location.href = "registration.php";  
  }  
</script>  
  
</body>  
</html>
```

forgotpass.php

```
<?php

session_start();

if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true){
    header("location: home.php");
    exit;
}

require_once "../Controller/config.php";

$username = $password = $confirm_password = "";
$error_msg = "";
```



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```
$isExist = $password_checked =$pass_needed = false;

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

    if(isset($_SESSION["fusername"]) && trim($_POST["password"]) ==
"hi"){

        session_unset();
        session_destroy();
    }

    if(!isset($_SESSION["fusername"])){

        if(empty(trim($_POST["username"]))) {
            $error_msg = "Please enter a username. *";
        } elseif(!preg_match('/^[a-zA-Z0-9_]+$/',
trim($_POST["username"]))) {
            $error_msg = "Username can only contain letters, numbers,
and underscores. *";
        } else{
            $username = trim($_POST["username"]);

            $sql = "SELECT id FROM users WHERE name = '$username'";

            $result = mysqli_query($link,$sql);
            $count = mysqli_num_rows($result);

            if($count == 1){
                $username = trim($_POST["username"]);
                $isExist = true;

                echo "<script> window.onload = function() {
                    nameExist();
                }; </script>";
                $_SESSION["fusername"] = $username;
            }else{
                $error_msg = "No User Found!";
            }
        }
    }else{
        $pass_needed = true;
    }

    if($pass_needed == true){
```



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```
if(empty(trim($_POST["password"]))) {
    $error_msg = "Please enter a password. *";
} elseif(strlen(trim($_POST["password"])) < 6) {
    $error_msg = "Password must have atleast 6 characters.
*";
} else{
    $password = trim($_POST["password"]);
}

if(empty(trim($_POST["confirm_password"]))) {
    $error_msg = "Please confirm password. *";
} else{
    $confirm_password = trim($_POST["confirm_password"]);
    if($password != $confirm_password){
        $error_msg = "Password did not match. *";
    }else{

        $password_checked = true;

    }
}

if(empty($error_msg) && $password_checked) {

    $username = htmlspecialchars($_SESSION["fusername"]);

    $sql = "UPDATE users SET password='$password' WHERE name
= '$username'";

    if(mysqli_query($link,$sql)) {
        header("location: ../logout.php");
    }else{
        echo "Oops! Something went wrong. Please try
again later.";
    }
}

mysqli_close($link);
}
?>
```

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



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```
<title>Forgot Password</title>
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.
css" integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.14.0/css/all.min.css" integrity="sha512-
1PKOgIY59xJ8Co8+NE6FZ+LOAZKjy+KY8iq0G4B3CyeY6wYHN3yt9PW0XpSriVlkMXe40PTK
nXrLnZ9+fkDaog==" crossorigin="anonymous" />
<link rel="stylesheet" href="../../Styles/forgotpass.css">
</head>

<body>
<div class="container">
<div class="myCard">
<div class="myLeftCtn">
<form class="myForm text-center" method="post"
action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>" >
<header>Forgot Password?</header>

<div class="form-group" id="uname">
<i class="fas fa-user"></i>
<input class="myInput" id="unameinput"
type="text" name="username" placeholder="UserName" required>
</div>

<div class="form-group" id="pass">
<i class="fas fa-lock"></i>
<input class="myInput" id="passinput"
type="password" name="password" value="hi" placeholder="Password"
required>
</div>

<div class="form-group" id="cpass">
<i class="fas fa-shield-alt"></i>
<input class="myInput" id="cpassinput"
type="password" name="confirm_password" value="chi"
placeholder="Confirm Password" required>
</div>

<div class="form-group">
<span class="text-danger"
id="errortext"><small><?php echo $error_msg;?></small></span>
</div>
```



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```
        <div><input type="submit" class="butt"
value="NEXT" id="formsubmit"></div>
```

```
        <div><input type="button"
class="butt_reg" value="LOG IN" id="butt_reg"/></div>
```

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

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

```
<script>
    document.getElementById("butt_reg").onclick =
function(){goToRegisterPage()};
```

```
function nameExist(){
    var isExist = '<?=$isExist?>';
    console.log("here we are");
    if(isExist){
        console.log("here = are");
        document.getElementById("formsubmit").value = "SUBMIT";

        var x = document.getElementById("pass");
        var z = document.getElementById("cpass");
        var y = document.getElementById("uname");
        var u = document.getElementById("errortext");
        var pass = document.getElementById("passinput");
        var cpass = document.getElementById("cpassinput");
        var unamei = document.getElementById("unameinput");

        pass.value = "<?php echo $password;?>";
        cpass.value = "<?php echo $confirm_password;?>";
        pass.name = "password";
        cpass.name = "confirm_password";
        unamei.value = "<?php echo
htmlspecialchars($_SESSION['fusername']); ?>"

        y.style.display = "none";
        x.style.display = "block";
        z.style.display = "block";
        u.style.display = "inline";

        console.log(" are");
```



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```
    }  
}  
  
function goToRegisterPage() {  
    window.location.href = "login.php";  
}  
</script>  
  
</body>  
</html>
```

index.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>StudBud</title>  
    <link rel="stylesheet" href="css/bootstrap.min.css">  
    <link rel="stylesheet" href="index_style.css">  
</head>  
<body>  
    <header>  
        <?php  
            include 'header.php';  
        ?>  
    </header>  
  
    <main>  
        <!-- Banner-Section -->  
        <div class="banner">  
            <div class="info">  
                <h1>The Buddy You Need</h1>  
                <h3>Everything is figureoutable</h3>  
                <p>Lorem ipsum dolor sit amet consectetur, adipisicing  
elit.</p>  
                <a class="reg-button" href="#">Register Today</a>  
            </div>  
        </div>  
  
        <div class="gap"></div>  
  
        <!-- Instructor-Section -->  
        <div>  
            <section class="instructor">  
                <h1>Our Instructors</h1>  
                <p>Lorem ipsum, dolor sit amet consectetur adipisicing  
elit. Quidem eius amet labore ea, minus voluptas minima obcaecati
```



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dolorum molestiae consequatur blanditiis repudiandae. Reprehenderit vero dolorum, sed voluptas sit necessitatibus ex?

```
<div class="row">
  <div class="img-col">
    
    <p id="featus-para">Instructor 1</p>
  </div>
  <div class="img-col">
    
    <p id="featus-para">Instructor 2</p>
  </div>
  <div class="img-col">
    
    <p id="featus-para">Instructor 3</p>
  </div>
</div>
</section>
</div>
```

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

```
<!-- Features-Section -->
<div>
```

```
  <section class="features">
    <h1>Our Features</h1>
    <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit.
Repudiandae reprehenderit ut velit rerum, numquam ex blanditiis quis,
omnis a accusamus consequuntur enim cum nostrum ab ipsum aliquid dolore
magnam impedit.
  </p>
```

```
    <div class="row">
      <div class="img-col">
        
        <p id="featus-para">Save Time</p>
      </div>
      <div class="img-col">
        
        <p id="featus-para">Self Development</p>
      </div>
      <div class="img-col">
        
        <p id="featus-para">Instant Solution</p>
      </div>
    </div>
  </section>
</div>

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



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```
<!-- Review-Section -->
<div>
  <section class="review">
    <h1>Reviews</h1>
    <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit.
Repudiandae reprehenderit ut velit rerum, numquam ex blanditiis quis,
omnis a accusamus consequuntur enim cum nostrum ab ipsum aliquid dolore
magnam impedit.
    </p>

    <div class="row">
      <div class="review-col">
        <h3>Shihab Rashid</h3>
        <p>Lorem ipsum dolor sit amet, consectetur adipisicing
elit. Quasi modi amet molestias temporibus cumque recusandae minus,
laudantium qui! Perferendis velit ducimus saepe quaerat tempora maxime
similique at porro fuga facilis.</p>
      </div>
      <div class="review-col">
        <h3>Sakin Chowdhury</h3>
        <p>Lorem ipsum dolor sit amet, consectetur adipisicing
elit. Quasi modi amet molestias temporibus cumque recusandae minus,
laudantium qui! Perferendis velit ducimus saepe quaerat tempora maxime
similique at porro fuga facilis.</p>
      </div>
    </div>
  </section>
</div>

</main>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.m
in.js" integrity="sha384-
IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.
js" integrity="sha384-
cVKIPhGWiC2Al4u+LWgxfKTRICfu0JTxR+EQDz/bglldoEyl4H0zUF0QKbrJ0EcQF"
crossorigin="anonymous"></script>
```



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</body>
</html>

