



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Spring/Summer/Fall 2020-2021

Project Title: STUDYBUDDY
Section: F

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StudyBuddy

Project Description:

The main purpose of StudyBuddy is to simplify the tedious task of Students by providing this service in a user-friendly environment. The Main Vision of StudyBuddy is to help students in their most difficult times during studies. StudyBuddy 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.

Helping students succeed extends beyond enhancing their academic experience. We aim to make an impact in multiple areas of their lives and in their communities. our mission is to help every student achieve their best, in school and beyond.

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.

Types of users:

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 Student” has the following features:

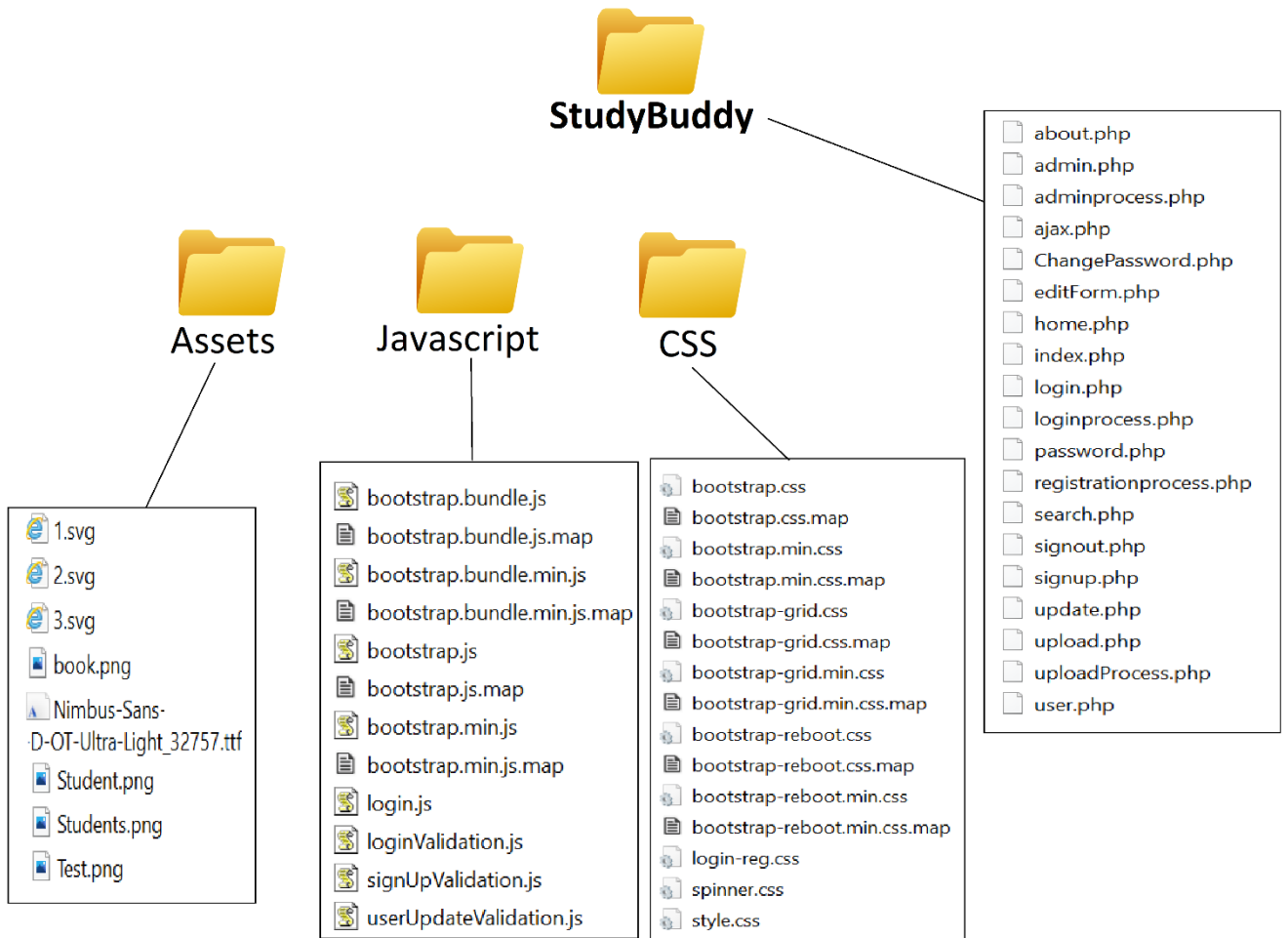
- ☐ All users can register to the system.
- ☐ All users can Login to the system.
- ☐ Can manipulate their profile information (edit-delete-view).

3. 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:



Core Modules of the Project:

registrationprocess.php

```
<?php
if(isset($_POST["signup"])){
    $username = $_POST["username"];
    $password = $_POST["password"];
    $firstname = $_POST["firstname"];
    $lastname = $_POST["lastname"];
    $email = $_POST["email"];
    $institution = $_POST["institution"];

    $conn = mysqli_connect('localhost','root','','studybuddy');

    $sql = "SELECT * FROM users WHERE username ='$username'";
    $result = mysqli_query($conn,$sql);
    $temp1 = mysqli_num_rows($result);

    $sql = "SELECT * FROM users WHERE email ='$email'";
    $result = mysqli_query($conn,$sql);
    $temp2 = mysqli_num_rows($result);

    if($temp1 == 1 || $temp2 == 1){
        echo "Username or Email is already registered!";
        echo "Try again!";
        header("refresh: 3; url = signup.php");
    }
    else{
        $conn = mysqli_connect('localhost','root','','studybuddy');
        $sql = "INSERT INTO
users(username,password,firstname,lastname,email,institution)
VALUES('$username','$password','$firstname','$lastname','$email','$institution'
)";
        if(mysqli_query($conn,$sql)){
            echo"Registration Success";
            header("refresh: 2; url = login.php");
        }
    }
}
else{
    if(session_status() == PHP_SESSION_NONE){
    }
    echo "No session";
    header("refresh: 2;url = index.php");
}??>
```



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uploadProcess.php

```
<?php
session_start();

if(isset($_POST["upload"])){
    //$pid = $_POST["pid"];
    $category = $_POST["category"];
    $title = $_POST["title"];
    $problem = $_POST["problem"];
    $price = $_POST["price"];
    $username = $_SESSION["username"];
    $phone = $_POST["phone"];
    $file = addslashes(file_get_contents($_FILES["image"]["tmp_name"]));

    $conn = mysqli_connect('localhost','root','','studybuddy');

    {
        $conn = mysqli_connect('localhost','root','','studybuddy');
        $sql = "INSERT INTO
`problem`(`category`,`title`,`problem`,`price`,`username`,`phone`,`image`)
VALUES('$category','$title','$problem','$price','$username','$phone','$file')";
        if(mysqli_query($conn,$sql)){
            echo "Uploaded !";
            header("refresh: 2; url = user.php");
        }
        else {
            echo "Failed !";
        }
    }
}
?>
```

Update.php

```
<?php
$token = "";
$token1="";
session_start();
if(isset($_SESSION["username"])){
```



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```
$token= "signout.php";
$token1="Sign Out";

$conn = mysqli_connect('localhost','root','','studybuddy');
$username=$_SESSION["username"];
}

if(isset($_POST["submit"])){
    $firstname = $_POST["firstname"];
    $lastname = $_POST["lastname"];
    $institution = $_POST["institution"];

    $conn = mysqli_connect('localhost','root','','studybuddy');

    $sql = "UPDATE users SET
firstname='$firstname',lastname='$lastname',institution='$institution' where
username='$Qusername'";
    $result = mysqli_query($conn,$sql);

    if($result>=mysqli_query($conn,$sql)){
        $sql = "SELECT * FROM users WHERE username = '$Qusername'";
        $result = $conn->query($sql);
        $result = mysqli_fetch_assoc($result);
    }
    else{
        echo "Reg failed";
    }
}

else{
    if(session_status() == PHP_SESSION_NONE){
    }
    //header("location:user.php");
}

?>
```

adminprocess.php

```
<?php
$conn = mysqli_connect('localhost','root','','studybuddy');
if(isset($_POST['save']))
{
    if($_POST["username"]!=""){
```



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```
        $username = test_input($_POST["username"]);
    }
    else{
        $flag=1;
        $usernameerr="User name required";
    }
    if($_POST["password"]!=""){
        $password = test_input($_POST["password"]);
    }
    else{
        $flag=1;
        $passworderr="password name required";
    }
    if($_POST["firstname"]!=""){
        $firstname = $_POST["firstname"];
    }
    else{
        $flag=1;
        $firstnameerr="firstname name required";
    }
    if($_POST["lastname"]!=""){
        $lastname = test_input($_POST["lastname"]);
    }
    else{
        $flag=1;
        $lastname="lastname name required";
    }
    if (empty($_POST["email"])) {
        $emailErr = "Email is required";//if this field id empty
        $flag=0;
    } else {
        $email = test_input($_POST["email"]);
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) //email validation
checking
        {
            $emailErr = "Invalid email format Give valid";
            $email = "";
            $flag=0;
        }
    }
    $institution = test_input($_POST["institution"]);
    $sql = "SELECT * FROM users WHERE username ='$username'";
    $result = mysqli_query($conn,$sql);
    $count = mysqli_num_rows($result);
    $sql = "SELECT * FROM users WHERE email ='$email'";
    $result = mysqli_query($conn,$sql);
    $count1 = mysqli_num_rows($result);
    if($count == 1 || $count1 == 1){
```



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```
        echo "Username or Email is already registered!";
        echo "Try again!";
        header("refresh: 2; url = admin.php");
    }
    else{
        $sql = "INSERT INTO
users(username,password,firstname,lastname,email,institution)
VALUES('$username','$password','$firstname','$lastname','$email','$institution'
)";
        if(mysqli_query($conn,$sql)){
            echo"Registration Success";
            header("refresh: 2; url = admin.php");
        }
    }
}
}
if(isset($_POST['edit']))
{
    $username = $_POST["username"];
    $firstname = $_POST["firstname"];
    $lastname = $_POST["lastname"];
    $email = $_POST["email"];
    $institution = $_POST["institution"];
    $result = mysqli_query($conn, "SELECT * from users WHERE id='" .
$_POST['id'] . "' AND password='" . $_POST['password'] . "'");
    $row = mysqli_fetch_array($result);
    $count = mysqli_num_rows($result);
    if($count == 1 ){
        if($username!='')
        {
            $sql = "UPDATE users set username='" . $_POST['username'] . "'
WHERE id='" . $_POST['id'] . "'";
            if(mysqli_query($conn,$sql)){
                echo"username Edited Successfully <br>";
                header("refresh: 2; url = admin.php");
            }
        }
        if($firstname!='')
        {
            $sql = "UPDATE users set firstname='" . $_POST['firstname'] . "'
WHERE id='" . $_POST['id'] . "'";
            if(mysqli_query($conn,$sql)){
                echo"firstname Edited Successfully <br>";
                header("refresh: 2; url = admin.php");
            }
        }
        if($lastname!='')
        {

```



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```
$sql = "UPDATE users set lastname='" . $_POST['lastname'] . "'
WHERE id='" . $_POST['id']. "'";
if(mysqli_query($conn,$sql)){
    echo"lastname Edited Successfully <br>";
    header("refresh: 2; url = admin.php");
}
}
if($email!='')
{
    $sql = "UPDATE users set email='" . $_POST['email'] . "' WHERE
id='" . $_POST['id']. "'";
    if(mysqli_query($conn,$sql)){
        echo"email Edited Successfully <br>";
        header("refresh: 2; url = admin.php");
    }
}
if($institution!='')
{
    $sql = "UPDATE users set institution='" . $_POST['institution'] .
"" WHERE id='" . $_POST['id']. "'";
    if(mysqli_query($conn,$sql)){
        echo"institution Edited Successfully <br>";
        header("refresh: 2; url = admin.php");
    }
}
echo"<br>Edit Success<br>";
}
else{
    echo " User ID password didn't match!";
    echo "Try again!";
    header("refresh: 2; url = admin.php");
}
}
if(isset($_POST['delete']))
{
    $result = mysqli_query($conn, "SELECT * from users WHERE id='" .
$_POST['id'] . "' AND password='" . $_POST['password'] . "'");
    $row = mysqli_fetch_array($result);
    $count = mysqli_num_rows($result);
    if($count == 1 ){
        $sql = "DELETE FROM users WHERE id='" . $_POST['id'] . "'";
        if ($conn->query($sql) === TRUE) {
            echo "Record deleted successfully";
            header("refresh: 2; url = admin.php");
        }
        else {
            echo "Error deleting record: " . $conn->error;
            header("refresh: 2; url = admin.php");
        }
    }
}
```



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```
    }  
  }  
}  
function test_input($data) {  
  $data = trim($data);  
  $data = stripslashes($data);  
  $data = htmlspecialchars($data);  
  return $data;  
}  
  
?>
```

