

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Summer 2020-2021**

**Project Title: College Management System**

**Section: C**

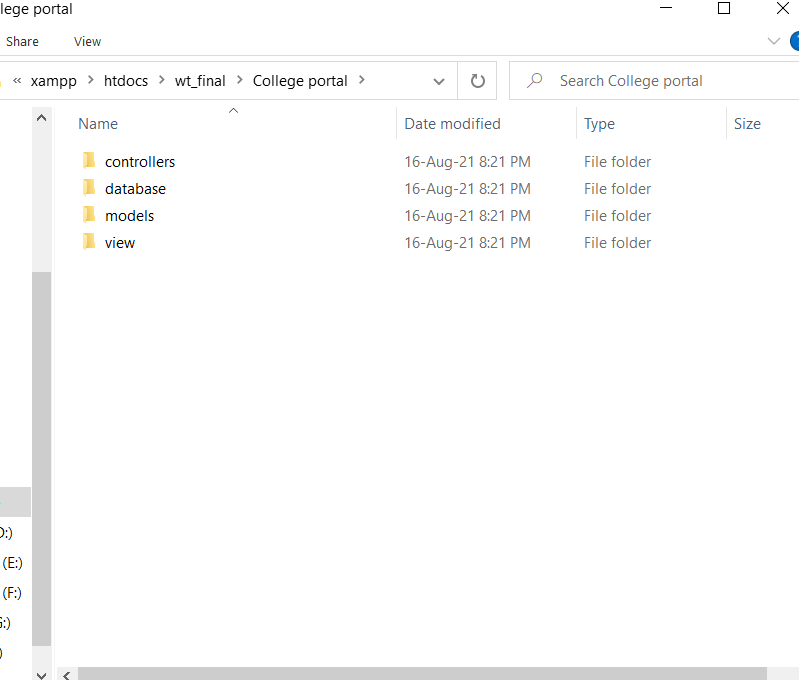
|  |  |
| --- | --- |
| Student Name | Student Id |
| Md Ahanab Shakil | **18-38027-2** |
| Al Sameu Hossen | **18-37921-2** |
| Taslima Tabassum Tonni | **18-38548-2** |
| Ashraf Hosain Rifat | **18-38928-3** |

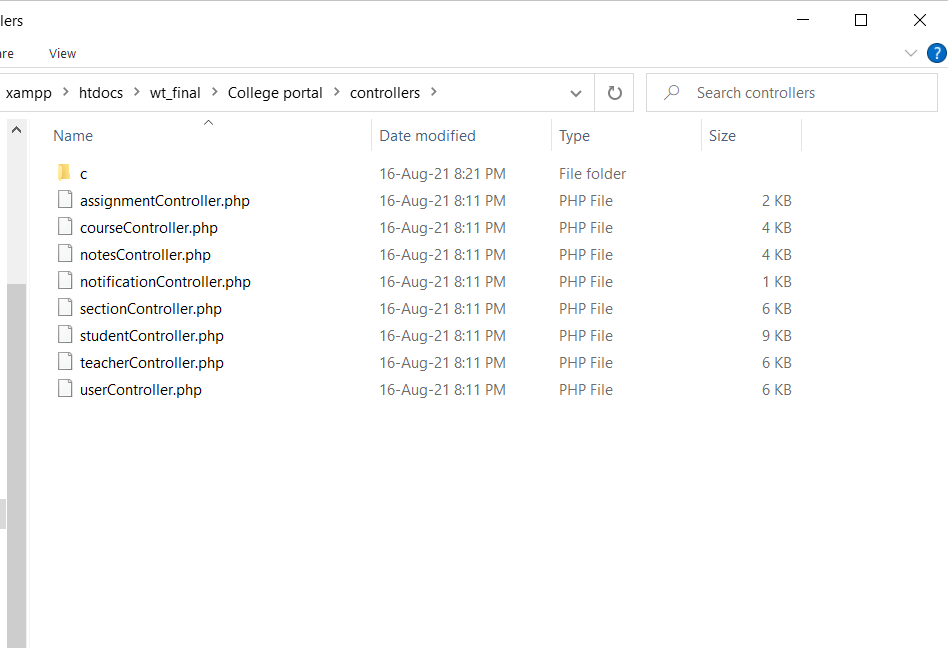
**College Management System**

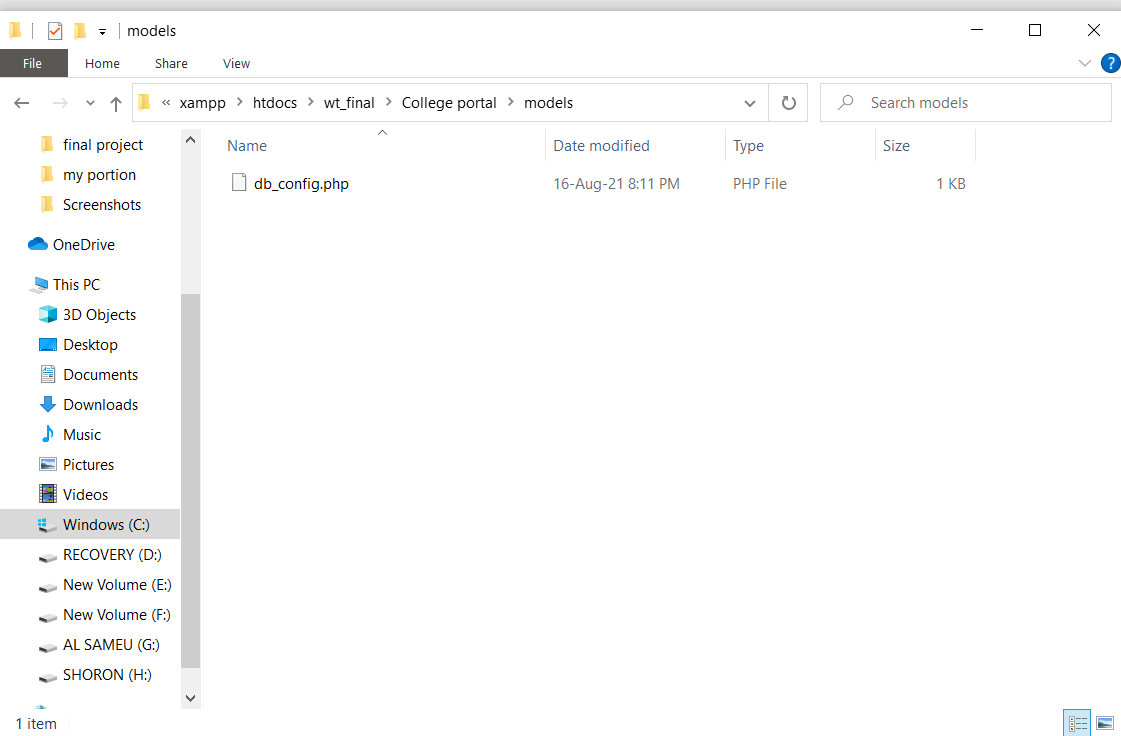
**Project Description:**

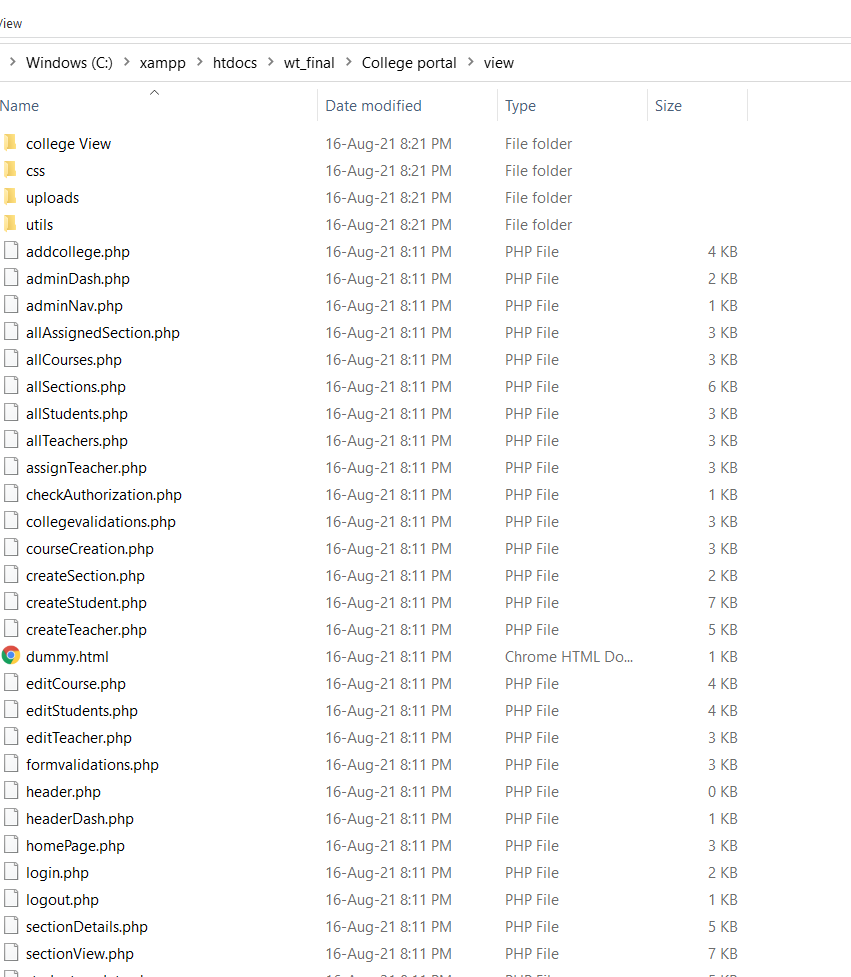
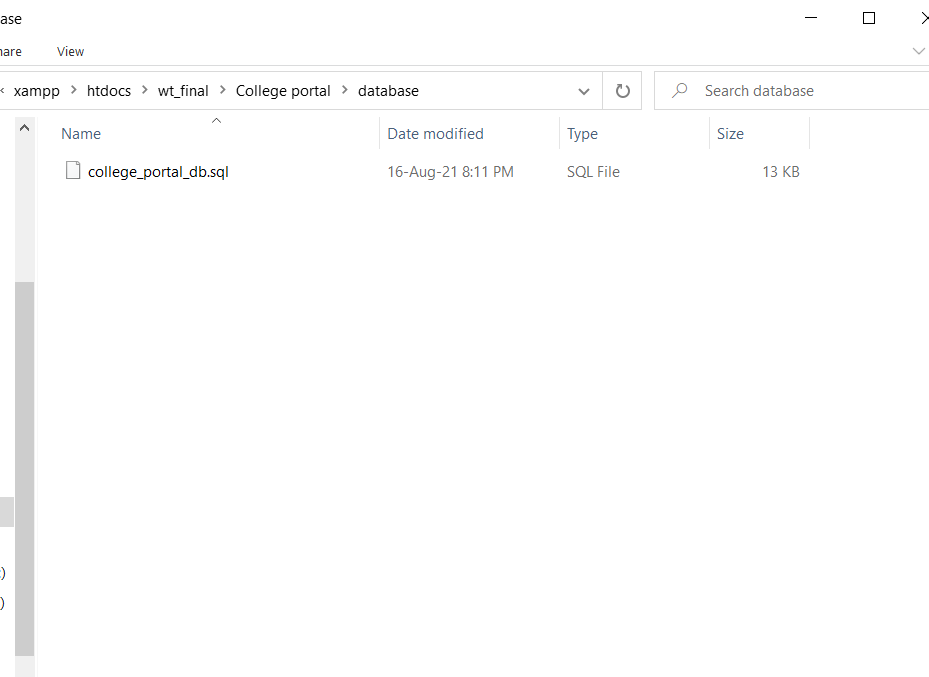
College Management System is a php project that is used to keep and maintain the complete record of Students . In our project we have four users and they are admin, student, teacher, college. login is a common feature here.in our admin and college panel we can perform add, delete, and edit. In our teacher panel we upload notes, assignment as a pdf , get notice and add notification also . We can see course, student list , section and details .In our student panel we update student info, give teachers feedback, see teachers assign notification and uploaded notes .We can easily download the notes also.

**Project Folder Structure:**

**

**

**

**

**Core Modules of the Project:**

**login.php**

<?php

include\_once "../controllers/userController.php";

?>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

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

<style>

td{

padding-top: 10px;

}

.er-msg{

color: #a30000;

}

</style>

</head>

<body>

<span></span>

<form action="" method="POST">

<div class="login-section" align="center">

<table >

<tr>

<td></td>

<td><h2>Login</h2></td>

</tr>

<tr>

<td></td>

<td><span><?php echo $db\_err; ?></span></td>

</tr>

<tr>

<td><b>User ID </b></td>

<td>: <input type="text" name="cid" value="<?php if(isset($\_COOKIE["userCookie"])){echo $\_COOKIE["userCookie"];} ?>"></td>

</tr>

<tr>

<td></td>

<td><span class="er-msg"> <?php echo $err\_cid; ?></span></td>

</tr>

<tr>

<td><b>Password </b></td>

<td>: <input type="password" name="password" value="<?php if(isset($\_COOKIE["userPass"])){echo $\_COOKIE["userPass"];} ?>"></td>

</tr>

<tr>

<td></td>

<td><span class="er-msg"> <?php echo $err\_password; ?></span></td>

</tr>

<tr>

<td align="right"><input type="checkbox" name="remember\_me"></td>

<td> Remember Me</td>

</tr>

<tr>

<td></td>

<td colspan="2"><input type="submit" class="login-btn" name="login\_btn" value="Login"></td>

</tr>

</table>

</div>

</form>

</body>

</html>

**Usercontroller.php**

<?php

require\_once "../models/db\_config.php";

session\_start();

$cid = "";

$err\_cid="";

$password = "";

$err\_password = "";

$db\_err = "";

$hasError = false;

if(isset($\_POST["login\_btn"])){

if(empty($\_POST["cid"])){

$hasError = true;

$err\_cid ="ID Required.";

}

else{

$cid = $\_POST["cid"];

}

if(empty($\_POST["password"])){

$hasError = true;

$err\_password ="Password Required.";

}

else{

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

}

if(!$hasError){

if($cid>=1000 && $cid<2000){

//student

$rs= authenticateStudent($cid,$password);

if($rs){

// echo getAdminName($cid);

$\_SESSION["loggedUser"] = getStudentName($cid);

$\_SESSION["cid"]=$cid;

$\_SESSION["dashName"]="Student DashBoard";

if(isset($\_POST["remember\_me"])){

setcookie("userCookie",$cid,time()+60);

setcookie("userPass",$password,time()+60);

}

else{

setcookie("userCookie",$cid,60);

setcookie("userPass",$password,60);

}

header("Location: studentDash.php");

}

else{

$db\_err ="Invalid userId Password.";

}

}

else if($cid>=2000 && $cid<3000){

//admin

$rs= authenticateAdmin($cid,$password);

if($rs){

// echo getAdminName($cid);

$\_SESSION["loggedUser"] = getAdminName($cid);

$\_SESSION["dashName"]="Admin DashBoard";

if(isset($\_POST["remember\_me"])){

setcookie("userCookie",$cid,time()+60);

setcookie("userPass",$password,time()+60);

}

else{

setcookie("userCookie",$cid,60);

setcookie("userPass",$password,60);

}

header("Location: adminDash.php");

}

else{

$db\_err ="Invalid userId Password.";

}

}

else if($cid>=3000 && $cid<4000){

//teacher

$rs= authenticateTeacher($cid,$password);

if($rs){

$\_SESSION["loggedUser"] = getTeacherName($cid);

$\_SESSION["dashName"]="Teacher DashBoard";

$\_SESSION["loggedUserId"]=getTeacherId($cid);

header("Location: teacherDash.php");

}

else{

$db\_err ="Invalid userId Password.";

}

}

else if($cid>=4000 && $cid<5000){

//College

$rs= authenticateCollege($cid,$password);

if($rs){

$\_SESSION["loggedUser"] = getCollegeName($cid);

$\_SESSION["dashName"]="Teacher DashBoard";

$\_SESSION["loggedUserId"]=getCollegeId($cid);

////college cookie...........

setcookie("message","Hello Cookie",time()+80);

header("Location: ../view/college view/dashboard.php");

}

else{

$db\_err ="Invalid userId Password.";

}

}

else{

$db\_err ="Invalid userId Password.";

}

}

}

function authenticateAdmin($cid,$password){

$query = "select \* from admin where cid='$cid' and password='$password'";

$rs = get($query);

if(count($rs)>0){

return true;

}

return false;

}

function getAdminName($admin\_id){

$query = "select \* from admin where cid = $admin\_id";

$rs = get($query);

$nm = $rs[0];

return $nm["name"];

}

function getStudentName($cid){

$query = "select \* from students where cid = $cid";

$rs = get($query);

$nm = $rs[0];

return $nm["name"];

}

function authenticateStudent($cid,$password){

$query = "select \* from students where cid='$cid' and password='$password'";

$rs = get($query);

if(count($rs)>0){

return true;

}

return false;

}

function authenticateTeacher($cid,$password){

$query = "select \* from teachers where cid='$cid' and password='$password'";

$rs = get($query);

if(count($rs)>0){

return true;

}

return false;

}

///////........college..........

function getCollegeName($cid){

$query = "select \* from college\_user where c\_id = $cid";

$rs = get($query);

$nm = $rs[0];

return $nm["name"];

}

function getCollegeId($cid){

$query = "select \* from college\_user where c\_id = $cid";

$rs = get($query);

$nm = $rs[0];

return $nm["id"];

}

function authenticateCollege($cid,$password){

$query = "select \* from college\_user where c\_id ";

$rs = get($query);

if(count($rs)>0){

return true;

}

return false;

}

function getTeacherName($cid){

$query = "select \* from teachers where cid = $cid";

$rs = get($query);

$nm = $rs[0];

return $nm["name"];

}

function getTeacherId($cid){

$query = "select \* from teachers where cid = $cid";

$rs = get($query);

$nm = $rs[0];

return $nm["id"];

}

?>

**Notescontroller.php**

<?php

$err\_note = "";

$err\_assignment="";

$err\_db ="";

$course\_id = getCourseIdbyName($\_GET['sub']);

if(isset($\_POST["add\_note"])){

// echo "file name: ".gettype($\_FILES['n\_name']['name']);

if(empty($\_FILES['n\_name']['name'])){

$err\_note="Choose a file.";

}

else{

$type= strtolower(pathinfo(basename($\_FILES['n\_name']['name']), PATHINFO\_EXTENSION));

if($type!="pdf"){

$err\_note="Choose pdf file only.";

}

else{

$target="./uploads/".$\_GET["sub"]."\_".$\_GET["sec"];

if(!is\_dir($target)){

mkdir($target);

}

$fileName = str\_replace(" ","\_",$\_FILES['n\_name']['name']);

$target=$target."/".$fileName;

//$target="./uploads/".$\_FILES['n\_name']['name'];

move\_uploaded\_file($\_FILES["n\_name"]["tmp\_name"],$target);

$rs = saveNote($\_GET["id"],$course\_id,$fileName);

if($rs!==true){

$err\_db=$rs;

}

}

}

}

elseif(isset($\_GET["dfile"])){

$file="./uploads/".$\_GET["sub"]."\_".$\_GET["sec"]."/".$\_GET["dfile"];

if(!file\_exists($file)){ // file does not exist

$err\_db="file does not exist";

} else {

header("Content-Disposition: attachment; filename=" . $\_GET["dfile"]);

$fp = fopen($file, "r");

while (!feof($fp))

{

echo fread($fp, 65536);

flush(); // this is essential for large downloads

}

fclose($fp);

}

}

elseif (isset($\_GET["delfile"])) {

//echo $\_GET["delfile"]." ".$\_GET["delfileId"];

$file="./uploads/".$\_GET["sub"]."\_".$\_GET["sec"]."/".$\_GET["delfile"];

if(file\_exists($file)){

if(!(unlink($file) && deleteNotebyId($\_GET["delfileId"]))){

$err\_db = "File cannot deleted due to an error.";

}

$pos=strpos($\_SERVER["REQUEST\_URI"],"&delfile");

header("Location: ".substr($\_SERVER["REQUEST\_URI"],0,$pos));

}

else{

$err\_db = "File Does not exists";

}

}

function saveNote($section\_id,$course\_id,$fileName){

$fileName = str\_replace(" ","\_",$fileName);

$query="insert into notes values(NULL,$section\_id,$course\_id,'$fileName')";

return execute($query);

}

function getCourseIdbyName($name){

$query = "select \* from courses where name = '$name'";

$rs = get($query);

$val = $rs[0];

// echo "id: ".$val["id"];

return $val["id"];

}

function getAllNotes($section\_id,$course\_id){

$query="select \* from notes where section\_id=$section\_id and course\_id=$course\_id";

$rs = get($query);

return $rs;

}

function deleteNotebyId($id){

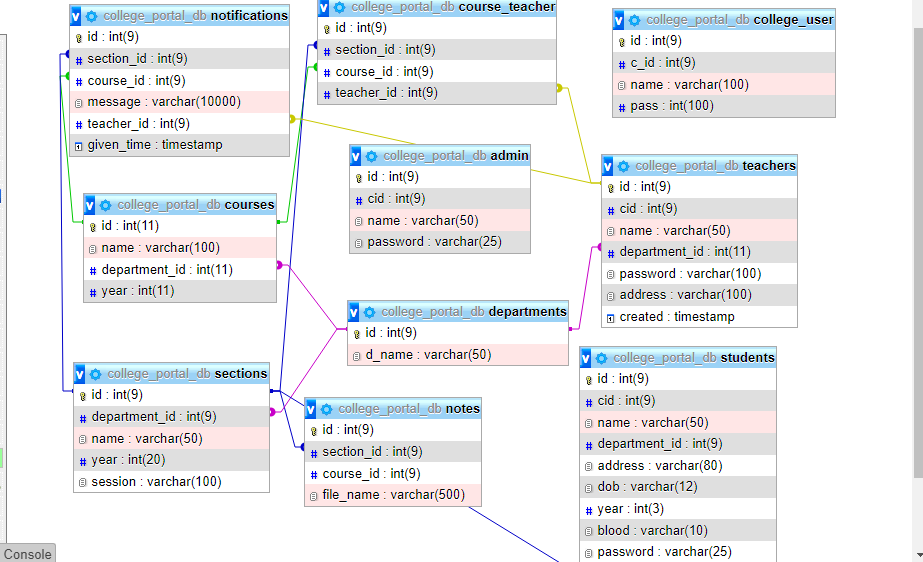
$query="delete from notes where id=$id";

return execute($query);

}

?>

**Database Schema:**

****

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