

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring 2022-2023**

**Project Title:** Parking Management System

**Section:** H

**Group:** 12

|  |  |
| --- | --- |
| Student Name | Student Id |
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**Project Description:**

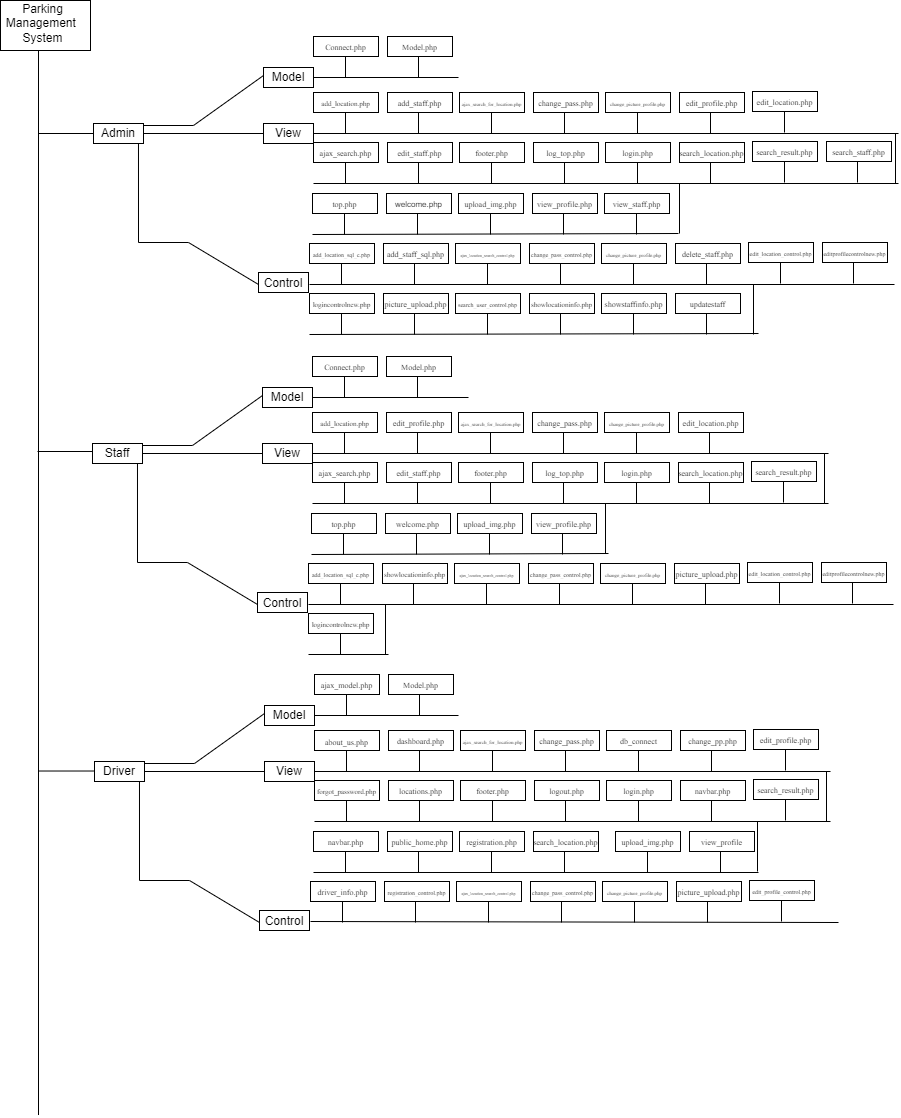
The Parking Management System project was proposed with the goal of developing a comprehensive parking solution that would simplify the parking process for both users and administrators. The system was designed to eliminate the hassle of finding an available parking spot in congested areas, while also providing the ability for parking lot operators to monitor and manage the parking lot in real-time.

In this project we have 3 users like admin, staff, driver. The admin can change his profile picture, change password and edit his/ her profile. More over the functionalities of an admin is can add location as well as staff, and edit both of them.

The second user is the staff the role of the staff is that can add location, edit the location, watch his all details, add and change profile picture, change password and edit his/ her profile details also.

The third user is the driver. The driver has to first register himself or herself then log in. The driver can see his/ her profile, change his/her profile picture, change password and edit his/ her profile. Moreover, the driver can see the available parking slots at the specific location and park the car according that details.

**Project Folder Structure:**

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**Core Modules of the Project:**

*For example:*

***login.php***

<?php

include 'navbar.php';

include '../control/login\_control.php';

?>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

<script>

function validateform()

{

var name=document.myForm.name.value;

var password=document.myForm.password.value;

if (name==null || name=="")

{

alert("Name can't be blank");

return false;

}

else if(password==null || password=="")

{

alert("Password can't be blank");

return false;

}

}

function checkName()

{

var name = document.getElementById("name").value;

if (name == "")

{

document.getElementById("nameErr").innerHTML = " \*Name cannot be empty";

document.getElementById("name").style.borderColor = "red";

}

else

{

document.getElementById("nameErr").innerHTML = "";

document.getElementById("name").style.borderColor = "black";

}

}

function checkPass()

{

var password = document.getElementById("password").value;

if (password == "")

{

document.getElementById("passErr").innerHTML = " \*Password cannot be empty";

document.getElementById("password").style.borderColor = "red";

}

else

{

document.getElementById("passwordErr").innerHTML = "";

document.getElementById("password").style.borderColor = "black";

}

}

</script>

<style>

.error {color: #FF0000;}

</style>

</head>

<body>

<fieldset>

<form name= "myForm" method="post" action="<?php echo ($\_SERVER['PHP\_SELF']);?>" onsubmit=" return validateform()" >

<fieldset>

<legend><h2>LOGIN</h2></legend>

<table>

<tr>

<td><label>User Name: </label></td>

<td><input type="text" name="name" id= "name" onblur="checkName()" onkeyup="checkName()"></td>

<td><span id = "nameErr" class="error"></span></td>

</tr>

<tr>

<td><label>Password: </label></td>

<td><input type="password" name="password" id= "password" onblur="checkPass()" onkeyup="checkPass()"></td>

<td><span id = "passErr" class="error"></span></td>

</tr>

</table><br>

<hr>

<input type="checkbox" name="remember\_me" value="remembered">Remember me<br><br>

<input type="submit" name="submit" value="submit">

<a href="forgot\_password.php">Forgot Password?</a>

</fieldset>

<br>

<a href="../../start.php">Start</a>

</form>

</fieldset>

<?php include 'footer.php';?>

</body>

</html>

***Registration.php***

<?php include 'navbar.php';?>

<?php include '../control/registration\_control.php';

?>

<!DOCTYPE HTML>

<html>

<head>

<title>Registration</title>

<script>

function validateform()

{

var gender=document.myForm.gender.value;

var name=document.myForm.name.value;

var password=document.myForm.password.value;

var email=document.myForm.email.value;

var user\_name=document.myForm.user\_name.value;

var con\_pass=document.myForm.con\_pass.value;

var date=document.myForm.date.value;

if(gender==null || gender=="")

{

alert("Gender can't be blank");

return false;

}

else if (name==null || name=="")

{

alert("Name can't be blank");

return false;

}

else if(password==null || password=="")

{

alert("Password can't be blank");

return false;

}

else if(email==null || email=="")

{

alert("Email can't be blank");

return false;

}

else if(user\_name==null || user\_name=="")

{

alert("User name can't be blank");

return false;

}

else if(con\_pass==null || con\_pass=="")

{

alert("Confirm password can't be blank");

return false;

}

else if(date==null || date=="")

{

alert("Date can't be blank");

return false;

}

}

function checkName() {

var name = document.getElementById("name").value;

if (name.split(" ").length< 2) {

document.getElementById("nameErr").innerHTML = " Must contain two or more words";

document.getElementById("name").style.borderColor = "red";

}else if (!/^[a-zA-Z-' ]\*$/.test(name))

{

document.getElementById("nameErr").innerHTML = " Only letters and white space allowed";

document.getElementById("name").style.borderColor = "red";

}

else{

document.getElementById("nameErr").innerHTML = "";

document.getElementById("name").style.borderColor = "black";

}

}

function checkEmail()

{

var email = document.getElementById("email").value;

if(!/^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(email))

{

document.getElementById("emailErr").innerHTML = "Invalid email format";

document.getElementById("email").style.borderColor = "red";

}

else{

document.getElementById("emailErr").innerHTML = "";

document.getElementById("email").style.borderColor = "black";

}

}

function checkUname()

{

var username = document.getElementById("user\_name").value;

if (username == "")

{

document.getElementById("userNameErr").innerHTML = "Username cannot be empty";

document.getElementById("user\_name").style.borderColor = "red";

}

else if (!/^[a-zA-Z0-9\_-]\*$/.test(username))

{

document.getElementById("userNameErr").innerHTML = "Only characters, alphabetic 0-9, -, and \_ can be used in username";

document.getElementById("user\_name").style.borderColor = "red";

}

else

{

document.getElementById("userNameErr").innerHTML = "";

document.getElementById("user\_name").style.borderColor = "black";

}

}

function checkPassword()

{

if ((document.getElementById("password").value).length < 5) {

document.getElementById("passErr").innerHTML = "Password must contain at least 5 characters";

document.getElementById("password").style.borderColor = "red";

}else{

document.getElementById("passErr").innerHTML = "";

document.getElementById("password").style.borderColor = "black";

}

}

function checkConPassword()

{

var con\_pass = document.getElementById("con\_pass").value;

var password = document.getElementById("password").value;

if (con\_pass == "")

{

document.getElementById("conPassErr").innerHTML = "Confirm password cannot be empty";

document.getElementById("con\_pass").style.borderColor = "red";

}

else if(!(con\_pass == password))

{

document.getElementById("conPassErr").innerHTML = "Confirm Password doesn't match!";

document.getElementById("con\_pass").style.borderColor = "red";

}

else{

document.getElementById("conPassErr").innerHTML = "";

document.getElementById("con\_pass").style.borderColor = "black";

}

}

function checkDate()

{

var date = document.getElementById("date").value;

if (date == "")

{

document.getElementById("dateErr").innerHTML = "date cannot be empty";

document.getElementById("date").style.borderColor = "red";

}

else{

document.getElementById("dateErr").innerHTML = "";

document.getElementById("date").style.borderColor = "black";

}

}

</script>

<style>

.error {color: #FF0000;}

</style>

</head>

<body>

<h2>Registration</h2>

<p><span class="error">\* required field</span></p>

<form name="myForm" method="post" enctype="multipart/form-data" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]);?>" onsubmit=" return validateform()" >

<label>Name: </label>

<input type="text" name="name" id="name" onblur="checkName()" onkeyup="checkName()"> \*

<span id="nameErr" class="error"></span>

<br><br>

<label>Email: </label>

<input type="text" name="email" id="email" onblur="checkEmail()" onkeyup="checkEmail()"> \*

<span id="emailErr" class="error"></span>

<br><br>

<label>User Name: </label>

<input type="text" name="user\_name" id="user\_name" onblur="checkUname()" onkeyup="checkUname()"> \*

<span id="userNameErr" class="error"></span>

<br><br>

<label>Password: </label>

<input type="text" name="password" id="password" onblur="checkPassword()" onkeyup="checkPassword()"> \*

<span id="passErr" class="error"></span>

<br><br>

<label>Confirm Password: </label>

<input type="text" name="con\_pass" id="con\_pass" onblur="checkConPassword()" onkeyup="checkConPassword()"> \*

<span id="conPassErr" class="error"></span>

<br><br>

<label>Gender: </label>

<input type="radio" name="gender" id="gender" onblur="checkGender()" onkeyup="checkGender()" <?php if (isset($gender) && $gender=="female") echo "checked";?> value="female">Female

<input type="radio" name="gender" id="gender" onblur="checkGender()" onkeyup="checkGender()" <?php if (isset($gender) && $gender=="male") echo "checked";?> value="male">Male

<input type="radio" name="gender" id="gender" onblur="checkGender()" onkeyup="checkGender()" <?php if (isset($gender) && $gender=="other") echo "checked";?> value="other">Other <span> \*</span>

<span id="genderErr" class="error"> </span>

<br><br>

<label>Date of Birth: </label>

<input type="date" id="date" name="date" onblur="checkDate()" onkeyup="checkDate()"> \*

<span id="dateErr" class="error"></span>

<br><br>

<input type="file" name="image"><br><br>

<input type="submit" name="submit" value="Submit"> <br>

<?php

if(isset($message))

{

echo "<br>". $message;

}

?>

</form>

<br> <?php include 'footer.php';?>

</body>

</html>

***RegistrationControl.php***

<?php

require\_once '../model/model.php';

if (isset($\_POST['submit']))

{

$data['name'] = $\_POST['name'];

$data['email'] = $\_POST['email'];

$data['user\_name'] = $\_POST['user\_name'];

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

//$data['password'] = password\_hash($\_POST['password'], PASSWORD\_BCRYPT, ["cost" => 12]);

$data['gender'] = $\_POST['gender'];

$data['date'] = $\_POST['date'];

$data['image'] = basename($\_FILES["image"]["name"]);

$target\_dir = "../uploads/";

$target\_file = $target\_dir . basename($\_FILES["image"]["name"]);

if (move\_uploaded\_file($\_FILES["image"]["tmp\_name"], $target\_file)) {

echo "The file ". basename( $\_FILES["image"]["name"]). " has been uploaded. <br>";

} else {

echo "Sorry, there was an error uploading your file.";

}

if (addDriver($data)) {

echo 'Registration Completed Successfully';

}

else

{

echo 'For Accessing The Next Page Please Register Yourself First';

}

}

function test\_input($data)

{

$data = trim($data);

$data = stripslashes($data);

$data = htmlspecialchars($data);

return $data;

}

?>

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