

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring 2021-2022**

**Project Title: Online Health Service**

**Section: O**

**Group: G2**

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

The Online Health Service is an automated system. The main purpose of this website was to help improve and optimize all the processes of take appointment and medical service. This website has four users who were admin, doctor, patient, and patient coordinator.

The website had these following features:

**Admin:** Log in, log out, manage whole system data like doctor data and schedule, patient data, and patient coordinator data, appointment details.

**Doctor:** Registration, log in, log out, check patient details, connect with patient and give treatment and prescribe medicine, check patients report and advise them according to their problems.

**Patient:** Registration, log in, log out, manage their own profile, find doctors according to their problems, take appointment or cancel, get treatment from doctor and take doctor’s prescription, submit their report and get feedback from doctor, pay online fees through mobile banking (Bkash, Rocket, Nagad).

**Patient coordinator:** Registration, log in, log out, Control patients’ activity, update doctor’s details on website, handle payments.

This website is allowed the patients to take appointment of specialized doctors of different categories. In our country, there was no direct online platform to take doctor’s appointment directly. The situation was therefore a problem for senior patients who are unable to move, and it was very unsafe to move outside during this covid-19 pandemic situation. So, because of this website, patients are taken appointment easily and it was saving their time.

**Project Folder Structure:**

**Core Modules of the Project:**

***Registration.php***

<?php

include("head.php");

?>

<br>

<div class="container custom-form" style="width:500px;">

<form method="post" action="../Controller/Registration-control.php">

<br>

<fieldset>

<legend>REGISTRATION</legend>

<br> <br>

<fieldset>

<legend>Patient Name</legend>

<input type="text" id= "p-name" name="name" class="form-control" onkeyup="checkName()"/><span class="red">&nbsp;<?php if(isset($\_SESSION["nameErr"])){echo $\_SESSION["nameErr"]; $\_SESSION["nameErr"] = "";} ?></span><p id="nameErr"></p>

</fieldset>

<hr>

<fieldset>

<legend>E-mail</legend>

<p> <span class="red" id="txtHint1"></span></p>

<input type="text" id="e-ml" name = "email" onchange="showHint1(this.value);"class="form-control" onkeyup="checkEmail()"/><span class="red">&nbsp;<?php if(isset($\_SESSION["emailErr"])){echo $\_SESSION["emailErr"]; $\_SESSION["emailErr"] = "";} ?></span><p id="emailErr"></p>

</fieldset>

<hr>

<fieldset>

<legend>User Name</legend>

<p> <span class="red" id="txtHint"></span></p>

<input type="text" id="u-name" name = "username" onchange="showHint(this.value);" class="form-control" onkeyup="checkUserName()"/><span class="red">&nbsp;<?php if(isset($\_SESSION["unameErr"])){echo $\_SESSION["unameErr"]; $\_SESSION["unameErr"] = "";} ?></span><p id="unameErr"></p>

</fieldset>

<hr>

<fieldset>

<legend>Password</legend>

<input type="text" id="password" name = "pass" class="form-control" onkeyup="checkPass()"/><span class="red">&nbsp;<?php if(isset($\_SESSION["passErr"])){echo $\_SESSION["passErr"]; $\_SESSION["passErr"] = "";} ?></span><p id="passErr"></p>

</fieldset>

<hr>

<fieldset>

<legend>Confirm Password</legend>

<input type="password" id="cpassword" name = "c-pass" class="form-control" onkeyup="checkCPass()"/><span class="red">&nbsp;<?php if(isset($\_SESSION["passErr"])){echo $\_SESSION["passErr"]; $\_SESSION["passErr"] = "";} ?></span><p id="cpassErr"></p>

</fieldset>

<hr>

<fieldset>

<legend>Gender</legend>

<input type="radio" id="male" name="gender" value="male">

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="female">

<label for="female">Female</label>

<input type="radio" id="other" name="gender" value="other">

<label for="other">Other</label><span class="red">&nbsp;<?php if(isset($\_SESSION["genderErr"])){echo $\_SESSION["genderErr"]; $\_SESSION["genderErr"] = "";} ?></span><br><br>

</fieldset>

<hr>

<legend>Date of Birth:</legend>

<input type="date" name="day"> <span class="red">&nbsp;<?php if(isset($\_SESSION["dayErr"])){echo $\_SESSION["dayErr"]; $\_SESSION["dayErr"] = "";} ?></span><br><br>

<fieldset>

<hr>

</fieldset>

<input type="submit" name="submit" value="Submit" class="btn btn-info" />

<input type="reset" name="reset" value="Reset" class="btn btn-info" /><br />

<?php

if(isset($message))

{

echo $message;

}

?>

</fieldset>

<hr>

</form>

<p><?php if(isset($\_SESSION['regErr'])){echo $\_SESSION['regErr']; $\_SESSION['regErr'] = '';}?></p>

</div>

<br>

<script>

function checkName() {

if(document.getElementById("p-name").value === "") {

document.getElementById("nameErr").innerHTML = "Name can't be blank";

document.getElementById("p-name").style.outlineColor = "red";

}else if (document.getElementById("p-name").value.length <= 2) {

document.getElementById("nameErr").innerHTML = "Name must have at least 2 characters";

document.getElementById("p-name").style.outlineColor = "red";

}

else{

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

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

}

}

function checkUserName() {

if(document.getElementById("p-name").value === "/^[a-zA-Z]+ [a-zA-Z]+$/") {

document.getElementById("nameErr").innerHTML = "Name must be used in upper and lower case";

document.getElementById("p-name").style.outlineColor = "red";

}else if (document.getElementById("u-name").value === "") {

document.getElementById("unameErr").innerHTML = "Username can't be blank";

document.getElementById("u-name").style.outlineColor = "red";

}else if (document.getElementById("u-name").value.length <= 2) {

document.getElementById("unameErr").innerHTML = "Username must have at least 2 characters";

document.getElementById("u-name").style.outlineColor = "red";

}else{

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

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

}

}

function checkEmail() {

if (document.getElementById("e-ml").value === "") {

document.getElementById("emailErr").innerHTML = "Email can't be blank";

document.getElementById("e-ml").style.outlineColor = "red";

}else{

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

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

}

}

function checkPass(){

if (document.getElementById("password").value == "") {

document.getElementById("passErr").innerHTML = "Password can't be blank";

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

}else if (document.getElementById("password").value.length < 8) {

document.getElementById("passErr").innerHTML = "Password must be at least 8 charecters";

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

}else{

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

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

}

}

function checkCPass(){

if (document.getElementById("cpassword").value == "") {

document.getElementById("cpassErr").innerHTML = "Confirm password can't be blank";

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

}else if (document.getElementById("cpassword").value=== password) {

document.getElementById("cpassErr").innerHTML = "Confirm Password must be matched with password";

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

}

else{

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

}

}

function showHint(str) {

if (str.length == 0) {

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

return;

}

const xhttp = new XMLHttpRequest();

xhttp.onload = function() {

document.getElementById("txtHint").innerHTML =

this.responseText;

}

xhttp.open("GET", "../Controller/gethint.php?q="+str);

xhttp.send();

}

function showHint1(str) {

if (str.length == 0) {

document.getElementById("txtHint1").innerHTML = "";

return;

}

const xhttp = new XMLHttpRequest();

xhttp.onload = function() {

document.getElementById("txtHint1").innerHTML =

this.responseText;

}

xhttp.open("GET", "../Controller/gethint.php?q="+str);

xhttp.send();

}

</script>

<?php include("foot.php"); ?>

***login.php***

<?php require("head.php"); ?>

<div class="container custom-form-login" style="width:500px;" >

<form method="post" action="../Controller/Login-control.php">

<fieldset >

<legend>LOGIN</legend>

<br>

<label>User Name: </label>

<input type="text" id="u-name" name="username" value="<?php //echo $name;?>" onkeyup="checkUserName()"><span class="red">&nbsp;<?php //echo $nameErr ?></span><p id="unameErr"></p>

<br>

<label>Password: </label>

<input type="text" id="password" name="pass" value="<?php //echo $pass;?>" onkeyup="checkPass()"><span class="red">&nbsp;<?php //echo $passErr ?></span><p id="passErr"></p>

<hr>

<input type="checkbox" id="me" name="rem-me[]" value="Remember Me">

<label for="remember me"> Remember Me</label><br>

<br>

<input type="submit" name="log" value="Log In">

<a href="Forget Password.php"><span class="blue">Forget Password?</span></a>

</fieldset>

<span><?php if(isset($\_SESSION['authentication-error'])){

echo $\_SESSION['authentication-error'];

$\_SESSION['authentication-error']= ""; } ?></span>

</form>

</div>

<script>

function checkUserName() {

if (document.getElementById("u-name").value === "") {

document.getElementById("unameErr").innerHTML = "Username can't be blank";

document.getElementById("u-name").style.outlineColor = "red";

}else if (document.getElementById("u-name").value.length <= 2) {

document.getElementById("unameErr").innerHTML = "Username must have at least 2 characters";

document.getElementById("u-name").style.outlineColor = "red";

}else{

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

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

}

}

function checkPass(){

if (document.getElementById("password").value == "") {

document.getElementById("passErr").innerHTML = "Password can't be blank";

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

}else{

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

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

}

}

</script>

<?php require("foot.php"); ?>

***Doctor List.php***

<?php require("head.php");

require("../Controller/Doctor-control.php");

if(!isset($\_SESSION["username"])){

header("location: Login.php");

}

?>

<div class="container custom-form-dashboard">

<div class="navitems">

<table style="width: 100%;">

<tr style="width: 100%;">

<td style="width: 20%;">

<ul id="list-of-url">

<li style="padding: 180px;">User Account</li>

<hr>

<li><a href="../View/Dasboard.php">Dashboard</a></li>

<li><a href="../View/View Profile.php">View Profile</a></li>

<li><a href="../View/Edit Profile.php">Edit Profile</a></li>

<li><a href="../View/Change Profile Picture.php">Change Profile Picture</a></li>

<li><a href="../View/Change Password.php">Change Password</a></li>

<li><a href="../View/Doctors List.php">Doctor's List</a></li>

<li><a href="../View/Appointment.php">Appointment</a></li>

<li><a href="../View/Show-Appointment.php">Show Appointment</a></li>

<li><a href="../View/Prescription.php">Prescription</a></li>

<li><a href="../View/Payment.php">Payment</a></li>

</ul>

</td>

<td class="DoctorList" style="width: 70%; position: relative;">

<table style="display: block; position: absolute; left: 50%; transform: translateX(-50%);">

<form action="">

<select name="doctors" onchange="showdoctor(this.value)">

<option value="">Select a doctor</option>

<option value="anika15">Anika Saba Ibte Sum</option>

<option value="yeasir67 ">Md. Yeasir Hossain</option>

<option value="pranto45">Zuhare Pranto</option>

<option value="ovi90">Md. Washim Akram</option>

<option value="safrin12">Sadia Afrin</option>

<option value="nafis67">Nafis Siddique</option>

<option value="abir234">Faisal Abir</option>

<option value="nasrin12">Nasrin Akter</option>

<option value="laboni34">Laboni Sarkar</option>

<option value="talha1234">Talha Obaid</option>

</select>

<br><br>

<h4>Doctor's Details</h4>

</form>

<p style="display: block; position: absolute; left: 50%; transform: translateX(-50%);" id="txtHint"></p>

</table>

</td>

</tr>

</table>

</div>

</div>

<script>

function showdoctor(str) {

if (str == "") {

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

return;

}

const xhttp = new XMLHttpRequest();

xhttp.onload = function() {

document.getElementById("txtHint").innerHTML = this.responseText;

}

xhttp.open("GET", "../Controller/Doctor-control.php?q="+str);

xhttp.send();

}

</script>

<?php include("foot.php"); ?>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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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