

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Summer 2019-2020**

**Project Title: Hospital Management System**

**Section: F**

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| --- | --- |
| Student Name | Student Id |
| Joy, Tahleel Abbas | **17-33165-1** |
| Mehedi Hasan Bakul | **17-33577-1** |
| Ta-sin, Akib Jawad | **17-33165-1** |
| Masum, Abdullah Al | **16-32685-3** |

**Project Description:**

We are doing an online hospital management system project. This will help both Hospital management and Patient also. We have created many features for Hospital management, Doctors, Patients and blood bank also. Doctors can create a profile for him. That profile he/she can manage his profile, He can give packages and add healthtips for patient. Patient can also create a profile for himself and also can book an appointment with doctors, can send messages to doctors, can save his/her medical history and so on. Our software is going to be very user friendly.

**Project Folder Structure:**

***Admin***

1.login.html

2.updateadmin.php

3.docpatregister.php

4.viewuser.php

5.assigndoctor.php

6.admittedpatient.php

7.appointmenthistory.php

8.assignnurse.php

9.nurseduty.php

10.complainthistory.php

11.postdutyschedule.php

12.searchpatient.php

13.changepassword.php

14.postjob.php

15.dutyschedule.php

***Patient***

1.propic

2.rec

3.check.php

4.Login.php

5.userprofile.html

6.userprofile.html

7. userprofile.php

8.home.php

9.index.php

10.userprofile.php

11.OTP.php

12.signup.php

13.logout.php

14.webtech2.php

***Doctor***

1.login.php

2.DoctorLogin.php

3.index.php

4.Dashboard.php

5.DashboardHealth.php

6. DashboardHealthUpdate.php

7. DashboardInformation.php

8. DashboardPackage.php

9. DashboardPackageDetails.php

10.Profile.php

11.Logout.php

***Blood Bank***

1.Index.php

2.Manage-pages.php

3.become-donar.php

4.search-donar.php

5.contact.php

**Core Modules of the Project:**

Here we added three core modules source code with appropriate filename as heading only for doctors part.

All the code for main project is given below:

“ “

*example:*

***login.php***

*<?php*

*session\_start();*

*require\_once './dbcon.php';*

*if(isset($\_POST['registration'])){*

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

*$mnumber = $\_POST['mnumber'];*

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

*$pwd = $\_POST['pwd'];*

*$cpwd = $\_POST['cpwd'];*

*$BMDC = $\_POST['BMDC'];*

*$error\_msg = array();*

*if($\_POST['name'] == ""){*

*$error\_msg['name'] = "Name cannot be empty!";*

*}*

*if(!preg\_match("/^[a-zA-Z -]\*$/",$name)){*

*$error\_msg['name'] = "Only letters allowed";*

*}*

*if(empty($mnumber)){*

*$error\_msg['mnumber'] = "Number is required";*

*}*

*else if(!is\_numeric($mnumber)){*

*$error\_msg['mnumber'] = "Only numbers allowed";*

*}*

*else if(strlen($mnumber) !=11){*

*$error\_msg['mnumber'] = "Mobile number have to be 11 digits";*

*}*

*if(!filter\_var($email, FILTER\_VALIDATE\_EMAIL)){*

*$error\_msg['email'] = "Invalid email address";*

*}*

*if($pwd == $cpwd){*

*$pwd = md5($pwd);*

*}else {*

*$pwd\_not\_match = "Confirm password dosen't match";*

*}*

*if(empty($BMDC)){*

*$error\_msg['BMDC'] = "BMDC Number is required";*

*}*

*else if(!is\_numeric($BMDC)){*

*$error\_msg['BMDC'] = "Only numbers allowed";*

*}*

*else if(strlen($BMDC) != 6){*

*$error\_msg['BMDC'] = "BMDC number have to be 6 digits";*

*}*

*if(count($error\_msg) == 0){*

*$email\_check = mysqli\_query($link, "SELECT \* FROM `doctor\_info` WHERE `Email` = '$email';");*

*if (mysqli\_num\_rows($email\_check) == 0) {*

*$mnumber\_check = mysqli\_query($link, "SELECT \* FROM `doctor\_info` WHERE `Number` = '$mnumber';");*

*if (mysqli\_num\_rows($mnumber\_check) == 0){*

*$BMDC\_check = mysqli\_query($link, "SELECT \* FROM `doctor\_info` WHERE `BMDC` = '$BMDC';");*

*if (mysqli\_num\_rows($BMDC\_check) == 0){*

*$query = "INSERT INTO `doctor\_info`(`Full name`, `Number`, `Email`, `Password`, `BMDC`) VALUES ('$name','$mnumber','$email','$pwd','$BMDC')";*

*$result = mysqli\_query($link, $query);*

*if($result){*

*$\_SESSION['data\_insert\_success'] = "Data Insert success!";*

*header('location: DoctorLogin.php');*

*}*

*else {*

*$\_SESSION['data\_insert\_error'] = "Data Insert error";*

*}*

*}else {*

*$BMDC\_error = "BMDC number exists";*

*}*

*}else {*

*$mnumber\_error = "Mobile number Already exists";*

*}*

*} else {*

*$email\_error = "Already exist";*

*}*

*}*

*}*

*?>*

*<html lang="en" dir="ltr">*

*<head>*

*<meta charset="utf-8">*

*<title>Registration page</title>*

*<link rel="stylesheet" href="CSS\bootstrap.min.css">*

*<link rel="stylesheet" href="CSS\Registration.css">*

*</head>*

*<body>*

*<form action="" method="POST" enctype="multipart/form-data">*

*<div class="Container-fluid">*

*<div class="row">*

*<div class="col-lg-6 col-md-6 col-sm-12 m-0 ">*

*<div class="container">*

*<h1>Sign Up</h1>*

*<p>Please fill in this form to create an account.</p>*

*<?php if(isset($\_SESSION['data\_insert\_success'])){*

*echo'<div class="alert alert-success">'.$\_SESSION['data\_insert\_success'].'</div>';*

*} unset($\_SESSION['data\_insert\_success']);?>*

*<?php if(isset($\_SESSION['data\_insert\_error'])){*

*echo'<div class="alert alert-warning">'.$\_SESSION['data\_insert\_error'].'</div>';*

*} unset($\_SESSION['data\_insert\_error']);?>*

*<hr>*

*<label for="name"><b>Full name</b></label>*

*<br>*

*<div class="input-group input-group-sm mb-3">*

*<input value="<?php if(isset($name)){echo $name;} ?>" type="text" name="name" id="name" class="form-control" aria-label="Small" aria-describedby="inputGroup-sizing-sm" placeholder="Enter your Full name">*

*<span style="color:red;">*

*<?php*

*if(isset($error\_msg['name'])){*

*echo $error\_msg['name'];*

*}*

*?>*

*</span>*

*</div>*

*<br>*

*<label for="number"><b>Mobile Number</b></label>*

*<br>*

*<input value="<?php if(isset($mnumber)){echo $mnumber;} ?>" type="number" name="mnumber" placeholder="Enter your mobile number" name="email" class="form-control" aria-label="Small" aria-describedby="inputGroup-sizing-sm">*

*<span style="color:red;">*

*<?php*

*if(isset($error\_msg['mnumber'])){*

*echo $error\_msg['mnumber'];*

*}*

*?>*

*</span>*

*<span style="color:red;">*

*<?php*

*if(isset($mnumber\_error)){*

*echo $mnumber\_error;*

*}*

*?>*

*</span>*

*<br>*

*<label for="email"><b>Email</b></label>*

*<br>*

*<input value="<?php if(isset($email)){echo $email;} ?>" type="text" name="email" placeholder="Enter Email" name="email" class="form-control" aria-label="Small" aria-describedby="inputGroup-sizing-sm">*

*<span style="color:red;">*

*<?php*

*if(isset($error\_msg['email'])){*

*echo $error\_msg['email'];*

*}*

*?>*

*</span>*

*<span style="color:red;">*

*<?php*

*if(isset($email\_error)){*

*echo $email\_error;*

*}*

*?>*

*</span>*

*<br>*

*<label for="pwd"><b>Password</b></label>*

*<br>*

*<input value="<?php if(isset($pwd)){echo $pwd;} ?>" type="password" name="pwd" placeholder="Enter Password" name="pwd" class="form-control" aria-label="Small" aria-describedby="inputGroup-sizing-sm" >*

*<span style="color:red;">*

*<?php*

*if(isset($error\_msg['pwd'])){*

*echo $error\_msg['pwd'];*

*}*

*?>*

*</span>*

*<span style="color:red;">*

*<?php*

*if(isset($pwd\_not\_match)){*

*echo $pwd\_not\_match;*

*}*

*?>*

*</span>*

*<br>*

*<label for="cpsw"><b>Confirm Password</b></label>*

*<br>*

*<input value="<?php if(isset($cpwd)){echo $cpwd;} ?>" type="password" name="cpwd" placeholder="Confirm your Password" name="pwd" class="form-control" aria-label="Small" aria-describedby="inputGroup-sizing-sm" >*

*<span style="color:red;">*

*<?php*

*if(isset($error\_msg['cpwd'])){*

*echo $error\_msg['cpwd'];*

*}*

*?>*

*</span>*

*<br>*

*<label for="BMDnumber"><b>BMDC Registration Number</b></label>*

*<br>*

*<input value="<?php if(isset($BMDC)){echo $BMDC;} ?>" type="number" name="BMDC" placeholder="BMDC Registration Number" name="BMDnumber" class="form-control" aria-label="Small" aria-describedby="inputGroup-sizing-sm" >*

*<span style="color:red;">*

*<?php*

*if(isset($error\_msg['BMDC'])){*

*echo $error\_msg['BMDC'];*

*}*

*?>*

*</span>*

*<span style="color:red;">*

*<?php*

*if(isset($BMDC\_error)){*

*echo $BMDC\_error;*

*}*

*?>*

*</span>*

*<br>*

*<label>*

*<input type="checkbox" checked="checked" name="remember" style="margin-bottom:15px"> Remember me*

*</label>*

*<p>By creating an account you agree to our <a href="#" style="color:dodgerblue">Terms & Privacy</a>.</p>*

*<div class="">*

*<a class="btn btn-primary btn-lg btn-warning" href="DoctorLogin.php">Log in</a>*

*<button type="submit" class="btn btn-primary btn-lg btn-warning" name="registration" >Registration</a></button>*

*</form>*

*</div>*

*</div>*

*</div>*

*<div class="col-lg-6 col-md-6 col-sm-12 text-center mt-5 ">*

*<img src="Images\gallery6.jpg" alt="..." class="img-thumbnail">*

*</div>*

*</div>*

*</div>*

*</body>*

*</html>*

***dashboard.php***

*<?php*

*if (!isset($\_SESSION['user\_login'])){*

*header('location: login.php');*

*}*

*?>*

*<h1 class="text-primary"><i class="fa fa-user-plus"></i> Healthtips <small style="color:gray;">Add New Healthtips</small></h1>*

*<ol class="breadcrumb">*

*<li><a href="index.php?page=Dashboard"><i class="fa fa-dashboard"></i>Dashboard &#160;</a></li>*

*<li class="active"><i class="fa fa-user-plus"></i> Add Healthtips</li>*

*</ol>*

*<?php*

*if(isset($\_POST['HealthTips'])){*

*$About = $\_POST['About'];*

*$Headline = $\_POST['Headline'];*

*$Advise = $\_POST['Advise'];*

*$Contact = $\_POST['Contact'];*

*$query = "INSERT INTO `health-tips`(`About`, `Headline`, `Advise`, `Contact`) VALUES ('$About','$Headline','$Advise','$Contact')";*

*$result = mysqli\_query($link, $query);*

*if($result){*

*$success = "Data Insert success";*

*} else {*

*$error = "Warning";*

*}*

*}*

*?>*

*<div class="row">*

*<?php if(isset($success)){echo '<p class="alert alert-success col-lg-6">'.$success.'</p>';}*

*?>*

*<?php if(isset($error)){echo '<p class="alert alert-danger col-lg-6">'.$error.'</p>';}*

*?>*

*</div>*

*<div class="row">*

*<div class="col-lg-6">*

*<form class="" method="post" >*

*<div class="form-group">*

*<label for="About">About</label>*

*<input type="text" class="form-control" name="About" placeholder="details" id="About" required="">*

*</div>*

*<div class="form-group">*

*<label for="Headline">Headline</label>*

*<input type="text" class="form-control" name="Headline" placeholder="Short Headline" id="Headline" required="">*

*</div>*

*<div class="form-group">*

*<label for="Advise">Advise</label>*

*<input type="text" class="form-control" name="Advise" placeholder="Detailed Advise" id="Advise" required="">*

*</div>*

*<div class="form-group">*

*<label for="Contact">Contact</label>*

*<input type="text" class="form-control" name="Contact" placeholder="Numbers" id="Contact" required="">*

*</div>*

*<div class="form-group ">*

*<input class="btn btn-primary " type="submit" name="HealthTips" value="Submit Health Tips"/>*

*</div>*

*</form>*

*</div>*

*</div>*

***Logout.php***

*<?php*

*if (!isset($\_SESSION['user\_login'])){*

*header('location: login.php');*

*}*

*?>*

*<h1 class="text-primary"><i class="fa fa-user-plus"></i> Healthtips <small style="color:gray;">Add New Healthtips</small></h1>*

*<ol class="breadcrumb">*

*<li><a href="index.php?page=Dashboard"><i class="fa fa-dashboard"></i>Dashboard &#160;</a></li>*

*<li class="active"><i class="fa fa-user-plus"></i> Add Healthtips</li>*

*</ol>*

*<?php*

*if(isset($\_POST['HealthTips'])){*

*$About = $\_POST['About'];*

*$Headline = $\_POST['Headline'];*

*$Advise = $\_POST['Advise'];*

*$Contact = $\_POST['Contact'];*

*$query = "INSERT INTO `health-tips`(`About`, `Headline`, `Advise`, `Contact`) VALUES ('$About','$Headline','$Advise','$Contact')";*

*$result = mysqli\_query($link, $query);*

*if($result){*

*$success = "Data Insert success";*

*} else {*

*$error = "Warning";*

*}*

*}*

*?>*

*<div class="row">*

*<?php if(isset($success)){echo '<p class="alert alert-success col-lg-6">'.$success.'</p>';}*

*?>*

*<?php if(isset($error)){echo '<p class="alert alert-danger col-lg-6">'.$error.'</p>';}*

*?>*

*</div>*

*<div class="row">*

*<div class="col-lg-6">*

*<form class="" method="post" >*

*<div class="form-group">*

*<label for="About">About</label>*

*<input type="text" class="form-control" name="About" placeholder="details" id="About" required="">*

*</div>*

*<div class="form-group">*

*<label for="Headline">Headline</label>*

*<input type="text" class="form-control" name="Headline" placeholder="Short Headline" id="Headline" required="">*

*</div>*

*<div class="form-group">*

*<label for="Advise">Advise</label>*

*<input type="text" class="form-control" name="Advise" placeholder="Detailed Advise" id="Advise" required="">*

*</div>*

*<div class="form-group">*

*<label for="Contact">Contact</label>*

*<input type="text" class="form-control" name="Contact" placeholder="Numbers" id="Contact" required="">*

*</div>*

*<div class="form-group ">*

*<input class="btn btn-primary " type="submit" name="HealthTips" value="Submit Health Tips"/>*

*</div>*

*</form>*

*</div>*

*</div>*

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