

American International University- Bangladesh

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation Finished Project Report Spring 2019-2020**

**Project Title: Mess Meal Management System Section: E**

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**Project Description:**

Mess Management System is one kind of Human Resource Management System. People can use this system if he/ she wants to make his life easier when he/she stays with any large Hostel/Mess management System. In this system, we can easily manage the hostel details, student records, mess expenditure, daily meals and meals expenditure. The main feature of this project is to provide a user-friendly daily meal management system that is easy to manage, maintain and query. This project is carried out using html, css , javascript and jquery as front end and php, My Sql,as back end.

The information about the users and module is given below:

# Member details:

The members are the users of the system who first needs to register themselves in the registration page. Once the admin verifies the information and accepts it the members will have their own id and password which they will use to log in to the system. The members can check the availability of meals and can select meals according to their desires and submit the meals to the system. They can also check the total meal cost. They can access their profile whenever they want.

# Meal Module:

In this module there are three types of submodules such as:

# Meals Available

* **Place Meal**
* **Total Meal**

This module is shown in the dashboard page of the system. Meals Available shows the types of meals available daily in the menu along with the prices of each meal. Place Meal allows the users to select the meals they want. Total meal shows the total meals selected by the member and the total cost of the selected meals.

**Project Folder Structure:**

*Include file*

*Homepage.html*

*Homepage.css*

*Login.php*

*Registration.php*

*Style.css*

*D.php*

*D.css*

*Available Meals.php*

*AvailableMeals.css*

*PlaceMeal.php*

*PlaceMeal.css*

*TotalMeal.php*

*TotalMeal.css*

*Logout.php*

*About.html*

**Core Modules of the Project:**

***login.php***

*/\* <?php*

*include "includes/db\_connect.inc.php";*

*session\_start();*

*$uPass = $uName = $message = "";*

*/\* mysqli\_real\_escape\_string() helps prevent sql injection \*/*

*if($\_SERVER["REQUEST\_METHOD"] == "POST"){*

*if(!empty($\_POST['u\_name'])){*

*$uName = mysqli\_real\_escape\_string($conn, $\_POST['u\_name']);*

*}*

*if(!empty($\_POST['u\_pass'])){*

*$uPass = mysqli\_real\_escape\_string($conn, $\_POST['u\_pass']);*

*}*

*$sqlUserCheck = "SELECT username, password FROM users WHERE username = '$uName'";*

*$result = mysqli\_query($conn, $sqlUserCheck);*

*$rowCount = mysqli\_num\_rows($result);*

*if($rowCount < 1){*

*$message = "User does not exist!";*

*}*

*else{*

*while($row = mysqli\_fetch\_assoc($result)){*

*$uPassInDB = $row['password'];*

*if(password\_verify($uPass, $uPassInDB)){*

*$\_SESSION['u\_name'] = $uName;*

*header("Location: d.php");*

*}*

*else{*

*$message = "Wrong Password!";*

*}*

*}*

*}*

*}*

*?>*

*<!DOCTYPE html>*

*<html lang="en">*

*<head>*

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

*<meta name="viewport" content="width=device-width, initial-scale=1.0">*

*<meta http-equiv="X-UA-Compatible" content="ie=edge">*

*<title>Login</title>*

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

*<script src="https://code.jquery.com/jquery-3.2.1.js"></script>*

*</head>*

*<body>*

*<div class="container">*

*<h1>Login</h1>*

*<form method="POST" action="login.php" id="registration\_form">*

*<div>*

*<input type="text" id="form\_fname" name="u\_name" value="" required="">*

*<label>*

*User Name*

*</label>*

*</div>*

*<div>*

*<input type="password" id="form\_password" name="u\_pass" value="" required="">*

*<label>Password</label>*

*</div>*

*<input type="submit" value="Login" name="login">*

*<span style="color:red"><?php echo $message; ?></span>*

*<span><b>Or Register <a href="registration.php">here</a></b></span>*

*</form>*

*</body>*

*</head>*

*</html>*

***registration.php***

*<?php*

*include "includes/db\_connect.inc.php";*

*$phone = $uName = $uPass = $uEmail = $err = $uNameInDB = "" ;*

*/\* mysqli\_real\_escape\_string() helps prevent sql injection \*/*

*if($\_SERVER["REQUEST\_METHOD"]=="POST"){*

*if(!empty($\_POST['phone'])){*

*$phone = mysqli\_real\_escape\_string($conn, $\_POST['phone']);*

*}*

*if(!empty($\_POST['username'])){*

*$uName = mysqli\_real\_escape\_string($conn, $\_POST['username']);*

*}*

*if(!empty($\_POST['password\_1'])){*

*$uPass = mysqli\_real\_escape\_string($conn, $\_POST['password\_1']);*

*$uPassToDB = password\_hash($uPass, PASSWORD\_DEFAULT);*

*}*

*if(!empty($\_POST['email'])){*

*$uEmail = mysqli\_real\_escape\_string($conn, $\_POST['email']);*

*}*

*$sqlUserCheck = "SELECT username FROM users WHERE username = '$uName'";*

*$result = mysqli\_query($conn, $sqlUserCheck);*

*while($row = mysqli\_fetch\_assoc($result)){*

*$uNameInDB = $row['username'];*

*}*

*if($uNameInDB == $uName){*

*$err = "UserName already exists!";*

*}*

*else{*

*$sql = "INSERT INTO users (username, email,phone, password)*

*VALUES ('$uName','$uEmail','$phone', '$uPassToDB');";*

*mysqli\_query($conn, $sql);*

*header("Location: login.php");*

*}*

*}*

*?>*

*<!DOCTYPE html>*

*<html lang="en">*

*<head>*

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

*<meta name="viewport" content="width=device-width, initial-scale=1.0">*

*<meta http-equiv="X-UA-Compatible" content="ie=edge">*

*<title>Registration</title>*

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

*<script src="https://code.jquery.com/jquery-3.2.1.js"></script>*

*</head>*

*<body>*

*<div class="container">*

*<h1>Registration</h1>*

*<form method="POST" action="registration.php" id="registration\_form">*

*<div>*

*<input type="text" id="form\_fname" name="username" value="" required="">*

*<span class="error\_form" id="fname\_error\_message"></span>*

*<label>*

*User Name*

*</label>*

*</div>*

*<div>*

*<input type="number" id="form\_phone" name="phone" value="" required="">*

*<span class="error\_form" id="phone\_error\_message"></span>*

*<label>*

*Phone*

*</label>*

*</div>*

*<div>*

*<input type="email" id="form\_email" name="email" value="" required="">*

*<span class="error\_form" id="email\_error\_message"></span>*

*<label>Email id</label>*

*</div>*

*<div>*

*<input type="password" id="form\_password" name="password\_1" value="" required="">*

*<span class="error\_form" id="password\_error\_message"></span>*

*<label>Password</label>*

*</div>*

*<div>*

*<input type="password" id="form\_retype\_password" name="password\_2" value="" required="">*

*<span class="error\_form" id="retype\_password\_error\_message"></span>*

*<label>Re-Enter Password</label>*

*</div>*

*<input type="submit" value="Register" name="register">*

*</form>*

*</div>*

*<script type="text/javascript">*

*$(function() {*

*$("#fname\_error\_message").hide();*

*$("#phone\_error\_message").hide();*

*$("#email\_error\_message").hide();*

*$("#password\_error\_message").hide();*

*$("#retype\_password\_error\_message").hide();*

*var error\_fname = false;*

*var error\_phone = false;*

*var error\_email = false;*

*var error\_password = false;*

*var error\_retype\_password = false;*

*$("#form\_fname").focusout(function(){*

*check\_fname();*

*});*

*$("#form\_phone").focusout(function() {*

*check\_phone();*

*});*

*$("#form\_email").focusout(function() {*

*check\_email();*

*});*

*$("#form\_password").focusout(function() {*

*check\_password();*

*});*

*$("#form\_retype\_password").focusout(function() {*

*check\_retype\_password();*

*});*

*function check\_fname() {*

*var pattern = /^[a-zA-Z]\*$/;*

*var fname = $("#form\_fname").val();*

*if (pattern.test(fname) && fname !== '') {*

*$("#fname\_error\_message").hide();*

*$("#form\_fname").css("border-bottom","2px solid #34F458");*

*} else {*

*$("#fname\_error\_message").html("Should contain only Characters");*

*$("#fname\_error\_message").show();*

*$("#form\_fname").css("border-bottom","2px solid #F90A0A");*

*error\_fname = true;*

*}*

*}*

*function check\_phone() {*

*//var pattern = /^[a-zA-Z]\*$/;*

*var p = $("#form\_phone").val().length;*

*if (p <= 11) {*

*$("#phone\_error\_message").hide();*

*$("#form\_phone").css("border-bottom","2px solid #34F458");*

*} else {*

*$("#phone\_error\_message").html("number should contain 11 digit");*

*$("#phone\_error\_message").show();*

*$("#form\_phone").css("border-bottom","2px solid #F90A0A");*

*error\_phone = true;*

*}*

*}*

*function check\_password() {*

*var password\_length = $("#form\_password").val().length;*

*if (password\_length < 8) {*

*$("#password\_error\_message").html("Atleast 8 Characters");*

*$("#password\_error\_message").show();*

*$("#form\_password").css("border-bottom","2px solid #F90A0A");*

*error\_password = true;*

*} else {*

*$("#password\_error\_message").hide();*

*$("#form\_password").css("border-bottom","2px solid #34F458");*

*}*

*}*

*function check\_retype\_password() {*

*var password = $("#form\_password").val();*

*var retype\_password = $("#form\_retype\_password").val();*

*if (password !== retype\_password) {*

*$("#retype\_password\_error\_message").html("Passwords Did not Matched");*

*$("#retype\_password\_error\_message").show();*

*$("#form\_retype\_password").css("border-bottom","2px solid #F90A0A");*

*error\_retype\_password = true;*

*} else {*

*$("#retype\_password\_error\_message").hide();*

*$("#form\_retype\_password").css("border-bottom","2px solid #34F458");*

*}*

*}*

*function check\_email() {*

*var pattern = /^([\w-\.]+@([\w-]+\.)+[\w-]{2,4})?$/;*

*var email = $("#form\_email").val();*

*if (pattern.test(email) && email !== '') {*

*$("#email\_error\_message").hide();*

*$("#form\_email").css("border-bottom","2px solid #34F458");*

*} else {*

*$("#email\_error\_message").html("Invalid Email");*

*$("#email\_error\_message").show();*

*$("#form\_email").css("border-bottom","2px solid #F90A0A");*

*error\_email = true;*

*}*

*}*

*$("#registration\_form").submit(function() {*

*error\_fname = false;*

*error\_phone = false;*

*error\_email = false;*

*error\_password = false;*

*error\_retype\_password = false;*

*check\_fname();*

*check\_phone();*

*check\_email();*

*check\_password();*

*check\_retype\_password();*

*if (error\_fname === false && error\_phone === false && error\_email === false && error\_password === false && error\_retype\_password === false) {*

*alert("Registration Successfull");*

*return true;*

*} else {*

*alert("Please Fill the form Correctly");*

*return false;*

*}*

*});*

*});*

*</script>*

*</body>*

*</html>*

***Total.php***

***<?php***

*include "includes/db\_connect.inc.php";*

*session\_start();*

*if(!isset($\_SESSION["u\_name"])){*

*header("Location: login.php");*

*}*

*$username=$\_SESSION["u\_name"];*

*$query="SELECT SUM(number) AS `totalmeal` FROM mealtable WHERE username ='$username'";*

*$result = getData($query);*

*$data=mysqli\_fetch\_assoc($result);*

*$total = $data['totalmeal'];*

*$\_SESSION['total\_meal'] = $total;*

*// total cost*

*$query1="SELECT SUM(money) AS `totalcost` FROM mealtable WHERE username ='$username'";*

*$result1 = getData($query1);*

*$data1=mysqli\_fetch\_assoc($result1);*

*$total\_cost = $data1['totalcost'];*

*$\_SESSION['total\_cost'] = $total\_cost;*

*?>*

*<!DOCTYPE html>*

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

*<head>*

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

*<title>Total Meal</title>*

*<link rel="stylesheet" href="totalmeal.css">*

*</head>*

*<body>*

*<h1 id="head">Total Meal</h1>*

*<h2 id="un"><span id="u">User name:</span> &nbsp; <?php echo $\_SESSION["u\_name"]; ?></h2>*

*<h2 id="un"><span id="u">Total meal this month: </span> &nbsp; <?php echo $\_SESSION["total\_meal"]; ?></h2>*

*<h2 id="un"><span id="u">Total meal cost: </span> &nbsp; <?php echo $\_SESSION["u\_name"]; ?></h2>*

*<h2 id="un"><span id="u">Total Cost: </span> &nbsp; <?php echo $\_SESSION["total\_cost"]; ?></h2>*

*<button id="l"><a href="logout.php">Logout</a></button>*

*</body>*

*</html>*

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