

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring 2020-2021**

**Project Title:** Hotel & Car Booking system

**Section:** C

|  |  |
| --- | --- |
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**Project Description:**

Our project aims to develop a Hotel & Car Booking system, connecting hotel and car owners with users seamlessly.

Hotel Owners: Hotel Owners must register and provide hotel details before listing rooms. Existing owners can edit their hotel information and add or modify room details. Hotel Owners can confirm or cancel user bookings.

Car Owners: Car Owners need to register and list their cars with trip fares. They can confirm or cancel user bookings.

Users: Users start by registering and can then search for hotels and cars based on their needs. When booking a hotel room, users specify location, room type, and dates. They can view available options, book rooms, and see booking status. Users can print invoices for confirmed bookings. For car rentals, users search based on location and dates, book available cars, and see booking status.

Admin: Admins can log in with dedicated credentials and manage the system. They can view user and owner lists and have the power to ban/unban users and owners.

**Project Folder Structure:**

**A screenshot of a computer program

Description automatically generated**A screenshot of a computer

Description automatically generated*A screenshot of a computer

Description automatically generated***A screenshot of a computer screen

Description automatically generated**

**Core Modules of the Project:**

*Here, add THREE of your CORE modules’ source code with appropriate filename as heading. (Use either* consolas or courier new *font for source code)*

*For example:*

***hotelsearching.php***

***HTML(hotelsearching.php):***

*<?php*

*require\_once '../Controller/sessioncheck.php';*

*require\_once '../Model/searchingmodel.php';*

*$error\_message = '';*

*if (isset($\_GET['city'], $\_GET['checkin'], $\_GET['checkout'], $\_GET['room'])) {*

*$city = $\_GET['city'];*

*$checkin = $\_GET['checkin'];*

*$checkout = $\_GET['checkout'];*

*$room = $\_GET['room'];*

*if ($checkin == $checkout) {*

*$error\_message = "Insert different check-out date.";*

*} else {*

*$sortOrder = isset($\_GET['sort']) ? $\_GET['sort'] : '';*

*$hotels = HotelSearch($city, $room, $checkin, $checkout, $sortOrder);*

*}*

*} else {*

*header('Location: userhome.php');*

*exit;*

*}*

*?>*

*<!DOCTYPE html>*

*<html>*

*<head>*

*<title>StayDriveGo Booking</title>*

*<script src="../Asset/userScript.js"></script>*

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

*</head>*

*<body>*

*<?php include\_once 'header.php'; ?>*

*<section style="display: flex;">*

*<div class="menu" style="width: 20%; display: flex; height: auto;">*

*<?php include\_once 'menu.php'; ?>*

*</div>*

*<div class="content" style="width: 80%;display: flex;height: auto;">*

*<fieldset style="width: 100%;">*

*<section>*

*<form action="" method="get" enctype="" onsubmit="return hotelSearch();">*

*<fieldset>*

*<legend>MODIFY SEARCH</legend>*

*<table>*

*<tr>*

*<td>City:*

*<select name="city" id="city">*

*<option value="" <?php if (!isset($\_SESSION['city']) || $\_SESSION['city'] == "") echo " selected"; ?>>Select a Location</option>*

*<option value="Dhaka" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Dhaka") echo " selected"; ?>>Dhaka</option>*

*<option value="Chittagong" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Chittagong") echo " selected"; ?>>Chittagong</option>*

*<option value="Sylhet" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Sylhet") echo " selected"; ?>>Sylhet</option>*

*<option value="Barisal" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Barisal") echo " selected"; ?>>Barisal</option>*

*<option value="Khulna" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Khulna") echo " selected"; ?>>Khulna</option>*

*<option value="Mymensingh" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Mymensingh") echo " selected"; ?>>Mymensingh</option>*

*<option value="Rajshahi" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Rajshahi") echo " selected"; ?>>Rajshahi</option>*

*<option value="Rangpur" <?php if (isset($\_SESSION['city']) && $\_SESSION['city'] == "Rangpur") echo " selected"; ?>>Rangpur</option>*

*</select>*

*</td>*

*<td>*

*Check in: <input type="date" name="checkin" id="checkin" min="<?= date('Y-m-d'); ?>" value="<?php if (isset($\_SESSION['checkin'])) {*

*echo $\_SESSION['checkin'];*

*} ?>">*

*</td>*

*<td>*

*Check out: <input type="date" name="checkout" id="checkout" min="<?= date('Y-m-d'); ?>" value="<?php if (isset($\_SESSION['checkout'])) {*

*echo $\_SESSION['checkout'];*

*} ?>">*

*</td>*

*<td>Room:*

*<select name="room" id="room">*

*<option value="" <?php if (!isset($\_SESSION['room']) || $\_SESSION['room'] == "") echo " selected"; ?>>Select a Room</option>*

*<option value="standard" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "standard") echo " selected"; ?>>Standard Room</option>*

*<option value="deluxe" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "deluxe") echo " selected"; ?>>Deluxe Room</option>*

*<option value="suite" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "suite") echo " selected"; ?>>Suite</option>*

*<option value="single" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "single") echo " selected"; ?>>Single Room</option>*

*<option value="double" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "double") echo " selected"; ?>>Double Room</option>*

*<option value="twin" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "twin") echo " selected"; ?>>Twin Room</option>*

*<option value="triple" <?php if (isset($\_SESSION['room']) && $\_SESSION['room'] == "triple") echo " selected"; ?>>Triple Room</option>*

*</select>*

*</td>*

*<td>*

*<input type="submit" value="Search">*

*</td>*

*</tr>*

*</table>*

*</fieldset>*

*</form>*

*<fieldset>*

*Sort By: <select name="sort" id="sort" onchange="sortHotels()">*

*<option value="" selected>Default</option>*

*<option value="price\_high\_to\_low">Price: High to Low</option>*

*<option value="price\_low\_to\_high">Price: Low to High</option>*

*</select>*

*</fieldset>*

*<fieldset id="results">*

*<?php if (!empty($hotels)) { ?>*

*<table border="1" style="width: 100%;">*

*<tr>*

*<th>Hotel Name</th>*

*<th>City</th>*

*<th>Room Type</th>*

*<th>Available Rooms</th>*

*<th>Price Per Night</th>*

*<th>Actions</th>*

*</tr>*

*<?php for ($i = 0; $i < count($hotels); $i++) { ?>*

*<tr>*

*<td>*

*<?= $hotels[$i]['HotelName'] ?>*

*</td>*

*<td>*

*<?= $hotels[$i]['City'] ?>*

*</td>*

*<td>*

*<?= $hotels[$i]['TypeName'] ?>*

*</td>*

*<td>*

*<?= $hotels[$i]['AvailableRooms'] ?>*

*</td>*

*<td>*

*<?= $hotels[$i]['PricePerNight'] ?>*

*</td>*

*<td>*

*<a href="hotelbooking.php?id=<?= $hotels[$i]['RoomTypeID'] ?>"> <input type="button" value="Select"> </a>*

*</td>*

*</tr>*

*<?php } ?>*

*</table>*

*<?php } elseif ($checkin == $checkout) {*

*echo $error\_message;*

*} else { ?>*

*<p>No hotels found.</p>*

*<?php } ?>*

*</fieldset>*

*</section>*

*</fieldset>*

*</div>*

*</section>*

*<?php include\_once 'footerpublic.php'; ?>*

*</body>*

*</html>****Script(*** ***userScript.js):***

*function hotelSearch() {*

*let city = document.getElementById("city").value;*

*let checkin = document.getElementById("checkin").value;*

*let checkout = document.getElementById("checkout").value;*

*let room = document.getElementById("room").value;*

*if (city == "" || checkin == "" || checkout == "" || room == "") {*

*alert("Please fill in all the fields.");*

*return false;*

*}*

*let checkinDate = new Date(checkin);*

*let checkoutDate = new Date(checkout);*

*if (checkinDate >= checkoutDate) {*

*alert("Check-out date must be after the check-in date.");*

*return false;*

*}*

*return true;*

*}*

*function sortHotels() {*

*let city = document.getElementById("city").value;*

*let checkin = document.getElementById("checkin").value;*

*let checkout = document.getElementById("checkout").value;*

*let room = document.getElementById("room").value;*

*let sort = document.getElementById("sort").value;*

*let xhttp = new XMLHttpRequest();*

*xhttp.open("POST", "../Controller/sorthotel.php", true);*

*xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");*

*xhttp.send(*

*"city=" +*

*city +*

*"&checkin=" +*

*checkin +*

*"&checkout=" +*

*checkout +*

*"&room=" +*

*room +*

*"&sort=" +*

*sort*

*);*

*xhttp.onreadystatechange = function () {*

*if (this.readyState === 4 && this.status === 200) {*

*let response = JSON.parse(this.responseText);*

*let html = '<table border="1" style="width: 100%;">';*

*html +=*

*"<tr><th>Hotel Name</th><th>City</th><th>Room Type</th><th>Available Rooms</th><th>Price Per Night</th><th>Actions</th></tr>";*

*response.forEach(function (hotel) {*

*html += "<tr>";*

*html += "<td>" + hotel.HotelName + "</td>";*

*html += "<td>" + hotel.City + "</td>";*

*html += "<td>" + hotel.TypeName + "</td>";*

*html += "<td>" + hotel.AvailableRooms + "</td>";*

*html += "<td>" + hotel.PricePerNight + "</td>";*

*html +=*

*'<td><a href="hotelbooking.php?id=' +*

*hotel.RoomTypeID +*

*'"><input type="button" value="Select"></a></td>';*

*html += "</tr>";*

*});*

*html += "</table>";*

*document.getElementById("results").innerHTML = html;*

*}*

*};*

*}*

***Sql(usermodel.php):***

*function HotelSearch($city, $room, $checkin, $checkout, $sortOrder = '') {*

*$con = getConnection();*

*$sql = "SELECT h.\*, rt.\* FROM hotel\_info h*

*INNER JOIN roomtype rt ON h.HotelID = rt.HotelID*

*WHERE h.City = '{$city}' AND rt.TypeName = '{$room}' AND rt.AvailableRooms > 0";*

*if ($sortOrder === 'price\_high\_to\_low') {*

*$sql .= " ORDER BY rt.PricePerNight DESC";*

*} elseif ($sortOrder === 'price\_low\_to\_high') {*

*$sql .= " ORDER BY rt.PricePerNight ASC";*

*}*

*$result = mysqli\_query($con, $sql);*

*$hotels = [];*

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

*array\_push($hotels, $row);*

*}*

*$\_SESSION['checkin'] = $checkin;*

*$\_SESSION['checkout'] = $checkout;*

*$\_SESSION['city'] = $city;*

*$\_SESSION['room'] = $room;*

*return $hotels;*

*}*

***hotelbooking.php***

***HTML(hotelbooking.php):***

*<?php*

*require\_once '../Controller/sessioncheck.php';*

*require\_once '../Model/bookingmodel.php';*

*$roomID=$\_GET['id'];*

*$bookingInfo = HotelBooking( $roomID );*

*?>*

*<!DOCTYPE html>*

*<html lang="en">*

*<head>*

*<script src="../Asset/userScript.js"></script>*

*<title>StayDriveGo Booking</title>*

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

*</head>*

*<body onload="hotelBooking()">*

*<?php include\_once 'header.php'; ?>*

*<section style="display: flex;">*

*<div style="width: 20%; display: flex; height: auto;">*

*<?php include\_once 'menu.php'; ?>*

*</div>*

*<div style="width: 80%;display: flex;height: auto;">*

*<fieldset style="width: 100%;">*

*<form action="../Controller/hotelbookingcheck.php" method="post" enctype="" onsubmit="return hotelBooking();">*

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

*<tr>*

*<td colspan="2">*

*<h1>Hotel Information</h1>*

*</td>*

*<td colspan="2">*

*<h1>Your Information</h1>*

*</td>*

*</tr>*

*<tr>*

*<td>Name:</td>*

*<td>*

*<input type="hidden" name="HotelID" value="<?=$bookingInfo['HotelID']?>">*

*<input type="text" name="HotelName" id="" value="<?=$bookingInfo['HotelName']?>" readonly>*

*</td>*

*<td>Name:</td>*

*<td><input type="text" name="UserFullName" id="" value="<?php if(isset($\_SESSION['firstname'])) {echo $\_SESSION['firstname']; }?> <?php if(isset($\_SESSION['lastname'])) {echo $\_SESSION['lastname']; }?>" readonly></td>*

*</tr>*

*<tr>*

*<td>Room Type:</td>*

*<td><input type="hidden" name="RoomTypeID" value="<?=$bookingInfo['RoomTypeID']?>"><input type="text" name="RoomType" id="" value="<?=$bookingInfo['TypeName']?>" readonly></td>*

*<td>Email:</td>*

*<td><input type="email" name="UserEmail" id="" value="<?php if(isset($\_SESSION['email'])) {echo $\_SESSION['email']; }?>" readonly></td>*

*</tr>*

*<tr>*

*<td>Price per Night:</td>*

*<td><input type="text" name="PricePerNight" id="PricePerNight" value="<?=$bookingInfo['PricePerNight']?>" readonly></td>*

*<td>Mobile:</td>*

*<td><input type="text" name="UserMobile" id="" value="<?php if(isset($\_SESSION['mobile'])) {echo $\_SESSION['mobile']; }?>" readonly></td>*

*</tr>*

*<tr>*

*<td colspan="4">*

*<h1>Booking Information</h1>*

*</td>*

*</tr>*

*<tr>*

*<td>Check-in Date:</td>*

*<td><input type="date" name="CheckinDate" id="CheckinDate" min="<?= date('Y-m-d'); ?>" value="<?php if(isset($\_SESSION['checkin'])) {echo $\_SESSION['checkin']; }?>" onblur="hotelBooking()"></td>*

*<td>Check-out Date:</td>*

*<td><input type="date" name="CheckoutDate" id="CheckoutDate" min="<?= date('Y-m-d'); ?>" value="<?php if(isset($\_SESSION['checkout'])) {echo $\_SESSION['checkout']; }?>" onblur="hotelBooking()"></td>*

*</tr>*

*<tr>*

*<td>Number of Room:</td>*

*<td><input type="number" name="NumberofRoom" id="NumberofRoom" min="1" onblur="hotelBooking()"></td>*

*<td>Total Price:</td>*

*<td><input type="text" name="TotalPrice" id="TotalPrice" value="" readonly></td>*

*</tr>*

*<tr>*

*<td>Available:</td>*

*<td> <input type="number" name="Available" id="Available" value="<?=$bookingInfo['AvailableRooms']?>" readonly> </td>*

*<td><input type="hidden" name="HotelAddress" value="<?=$bookingInfo['Address']?>"></td>*

*<td></td>*

*</tr>*

*</table>*

*<hr>*

*<input type="submit" value="Book Now">*

*</form>*

*</fieldset>*

*</div>*

*</section>*

*<?php include\_once 'footerpublic.php'; ?>*

*</body>*

*</html>*

***PHP(hotelbookingcheck.php):***

*<?php*

*session\_start();*

*require\_once("../Model/bookingmodel.php");*

*$numberofroom = 0;*

*$bookingstatus = 'Pending';*

*$totalPrice = 0;*

*$hotelID = $\_REQUEST['HotelID'];*

*$roomID = $\_REQUEST['RoomTypeID'];*

*$hotelname = $\_REQUEST['HotelName'];*

*$hoteladdress = $\_REQUEST['HotelAddress'];*

*$roomtype = $\_REQUEST['RoomType'];*

*$price = $\_REQUEST['PricePerNight'];*

*$userfullname = $\_REQUEST['UserFullName'];*

*$useremail = $\_REQUEST['UserEmail'];*

*$usermobile = $\_REQUEST['UserMobile'];*

*$checkin = $\_REQUEST['CheckinDate'];*

*$checkout = $\_REQUEST['CheckoutDate'];*

*$numberofroom = $\_REQUEST['NumberofRoom'];*

*$availabe = $\_REQUEST['Available'];*

*if ($numberofroom == '') {*

*echo 'Number of room is empty';*

*} elseif ($numberofroom > $availabe) {*

*echo "Number of room can't be greater";*

*} else {*

*$checkinDateTime = new DateTime($checkin);*

*$checkoutDateTime = new DateTime($checkout);*

*$interval = $checkinDateTime->diff($checkoutDateTime);*

*$numberOfNights = $interval->days;*

*$totalPrice = $price \* $numberofroom \* $numberOfNights;*

*$status = HotelBookingConfirm($hotelname, $hotelID, $hoteladdress, $roomtype, $roomID, $userfullname, $useremail, $usermobile, $checkin, $checkout, $numberofroom, $bookingstatus, $totalPrice);*

*if ($status) {*

*header("location: ../view/bookinghistory.php");*

*} else {*

*echo "Booking Error";*

*}*

*}*

*?>*

***Script(userScript.js):***

*function hotelBooking() {*

*let checkinDate = new Date(document.getElementById("CheckinDate").value);*

*let checkoutDate = new Date(document.getElementById("CheckoutDate").value);*

*let numberOfRooms = parseInt(document.getElementById("NumberofRoom").value);*

*let availableRooms = parseInt(document.getElementById("Available").value);*

*let pricePerNight = parseFloat(*

*document.getElementById("PricePerNight").value*

*);*

*let totalPriceElement = document.getElementById("TotalPrice");*

*// First, validate the inputs*

*if (isNaN(numberOfRooms) || numberOfRooms <= 0) {*

*alert("Please enter a positive number for the rooms.");*

*return false;*

*}*

*if (checkoutDate <= checkinDate) {*

*alert("Check-out date must be after the check-in date.");*

*return false;*

*}*

*if (numberOfRooms > availableRooms) {*

*alert("The number of rooms booked cannot exceed the number available.");*

*return false;*

*}*

*let numberOfNights = (checkoutDate - checkinDate) / (1000 \* 60 \* 60 \* 24);*

*let totalPrice = numberOfNights \* numberOfRooms \* pricePerNight;*

*totalPriceElement.value = totalPrice;*

*}*

***SQl(usermodel.php):***

*function HotelBooking($roomID)*

*{*

*$con = getConnection();*

*$sql = "SELECT h.\*, rt.\* FROM hotel\_info h*

*INNER JOIN roomtype rt ON h.HotelID = rt.HotelID*

*WHERE rt.RoomTypeID = '{$roomID}'";*

*$result = mysqli\_query($con, $sql);*

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

*if ($count == 1) {*

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

*return $row;*

*} else {*

*return false;*

*}*

*}*

*function HotelBookingConfirm($hotelname, $hotelID, $hoteladdress, $roomtype, $roomID, $userfullname, $useremail, $usermobile, $checkin, $checkout, $numberofroom, $bookingstatus, $totalPrice)*

*{*

*$currentUser = $\_SESSION["username"];*

*$con = getConnection();*

*$sql = "INSERT INTO hotelbooking (Username, Fullname, Email, Mobile, HotelName, HotelID, HotelAddress, RoomTypeName, RoomTypeID, CheckInDate, CheckOutDate, NumberOfRooms, TotalPrice, Status) VALUES ('{$currentUser}', '{$userfullname}', '{$useremail}', '{$usermobile}', '{$hotelname}', '{$hotelID}', '{$hoteladdress}', '{$roomtype}', '{$roomID}', '{$checkin}', '{$checkout}', '{$numberofroom}', '{$totalPrice}', '{$bookingstatus}')";*

*$result = mysqli\_query($con, $sql);*

*if ($result) {*

*return true;*

*} else {*

*return false;*

*}*

*}*

***addhotel.php***

***HTML(addhotel.php):***

*<?php*

*require\_once('../Controller/sessioncheck.php');*

*?>*

*<!DOCTYPE html>*

*<html lang="en">*

*<head>*

*<title>Hotel Listing</title>*

*<script src="../Asset/hotelScript.js"></script>*

*</head>*

*<body>*

*<?php include\_once('header.php'); ?>*

*<section style="display: flex;">*

*<div style="width: 20%; display: flex; height: auto;">*

*<?php include\_once('menu.php') ?>*

*</div>*

*<div style="width: 80%;display: flex;height: auto;">*

*<fieldset style="width: 100%;">*

*<legend>Listing</legend>*

*<form action="../Controller/addhotelcheck.php" method="post" enctype="" onsubmit=" return validatehotel();">*

*<h4>What's the name of your hotel?</h4><br>*

*<h5>Hotel Name </h5><br>*

*<input type="text" name="Hotelname" id="Hotelname" value=""><br>*

*<h5>Street name and house number</h5><br>*

*<input type="text" name="Hoteladdress" id="Hoteladdress" value=""><br>*

*<h5>City</h5><br>*

*<select name="City" id="City">*

*<option value="" selected>Setect a Location</option>*

*<option value="Dhaka">Dhaka</option>*

*<option value="Barisal">Barisal</option>*

*<option value="Khulna">Khulna</option>*

*<option value="Chittagong">Chittagong</option>*

*<option value="Rajshahi">Rajshahi</option>*

*<option value="Sylhet">Sylhet</option>*

*<option value="Mymensingh">Mymensingh</option>*

*<option value="Rangpur">Rangpur</option>*

*</select><br>*

*<h4>What is the star rating of your hotel?</h4><br>*

*<input type="radio" name="Rating" id="N/A" value="0">N/A<br>*

*<input type="radio" name="Rating" id="Rating1" value="1">1 star<br>*

*<input type="radio" name="Rating" id="Rating2" value="2">2 star<br>*

*<input type="radio" name="Rating" id="Rating3" value="3">3 star<br>*

*<input type="radio" name="Rating" id="Rating4" value="4">4 star<br>*

*<input type="radio" name="Rating" id="Rating5" value="5">5 star<br>*

*<br><br><br>*

*<input type="submit" value="Submit" />*

*</div>*

*</form>*

*</fieldset>*

*</body>*

*</html>*

***PHP(addhotelcheck.php):***

*<?php*

*session\_start();*

*require\_once('../Model/hotelownermodel.php');*

*$ownerusername=$\_SESSION['username'];*

*$hotelname = $\_REQUEST['Hotelname'];*

*$hoteladdress = $\_REQUEST['Hoteladdress'];*

*$city = $\_REQUEST['City'];*

*$rating = (isset($\_REQUEST['Rating'])) ? $\_REQUEST['Rating'] : '';*

*$specialCharacters = '!@#$%^&\*()+=-[]{}|;:,\"<>?~`';*

*if($ownerusername == "" || $hotelname == "" || $city == ""|| $rating == "") {*

*echo "Please Select all fields!";*

*}else if(strlen($hotelname) < 3)*

*{*

*echo "Hotel Name must be greater than 3 letter ";*

*}*

*else if (strpbrk($hotelname, $specialCharacters) !== false) {*

*echo "Hotel Name cannot contain special characters.";*

*}else{*

*$status = hotelregistration($ownerusername, $hotelname, $hoteladdress, $city, $rating);*

*if($status){*

*header("location: ../View/managehotel.php");*

*}else{*

*echo "invaid user!";*

*}*

*}*

*?>*

***Script(hotelScript.js):***

*function validatehotel()*

*{*

*let hotelName = document.getElementById("Hotelname").value;*

*let hotelAddress = document.getElementById("Hoteladdress").value;*

*let city = document.getElementById("City").value;*

*let specialCharacters = '!@#$%^&\*()+=-[]{}|;:,\"<>?~`';*

*let ratingNA = document.getElementById("N/A");*

*let rating1 = document.getElementById("Rating1");*

*let rating2 = document.getElementById("Rating2");*

*let rating3 = document.getElementById("Rating3");*

*let rating4 = document.getElementById("Rating4");*

*let rating5 = document.getElementById("Rating5");*

*let ratingSelected = ratingNA.checked || rating1.checked || rating2.checked || rating3.checked || rating4.checked || rating5.checked;*

*if (hotelName =="" ||hotelAddress == "" || city == "" || !ratingSelected) {*

*alert("Please fill out all fields!");*

*return false;*

*}*

*if (hotelName =="")*

*{*

*alert("Please fill Hotel Name");*

*return false;*

*}*

*if (hotelName.length<3) {*

*alert("Hotel Name must be greater than 3 letters");*

*return false;*

*}*

*for (let i = 0; i < hotelName.length; i++) {*

*if (specialCharacters.indexOf(hotelName[i]) !== -1) {*

*alert("Hotel Name cannot contain special characters.");*

*return false;*

*}*

*}*

*return true;*

*}*

***Sql(hotelownermodel.php):***

*function hotelregistration($ownerusername, $hotelname, $hoteladdress, $city, $rating)*

*{*

*$con = getConnection();*

*$sql = "INSERT INTO hotel\_info ( OwnerUsername, HotelName, Address, City, Rating) VALUES ('{$ownerusername}', '{$hotelname}', '{$hoteladdress}', '{$city}', '{$rating}')";*

*$result = mysqli\_query($con, $sql);*

*if ($result) {*

*return true;*

*} else {*

*return false;*

*}*

*}*

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