



CSE370: Database Systems Project Report

Project Title: Travel & Hotel Management System

Group No: 10, CSE370 Lab Section: 10, Fall 2023		
ID	Name	Contribution
22101924	Zonayed Hossain Siyam	<ol style="list-style-type: none">Front end of Homepage, Hire Guide, Guide form, Places to travel, Hotel registration.Constructed ER diagram of the projectSearch guide(backend), Hire guide(backend), Rate guides(backend)Guide registration form data management(backend)Interesting places suggestion(backend), Hotel data management(backend)
22241042	Habibun Nabi Hemel	<ol style="list-style-type: none">User Login-Signup Page (Fronted & backend)Constructed & design ER diagram of the project and schemaproject template writingBooking A Hotel from A to Z (fronted & backend)Logout feature, availability

		check, searching by name of the hotel or location of the hotel
19301121	Asif Mehedi	<ol style="list-style-type: none"> 1. Helped with the project idea 2. Helped with ER diagram construction 3. Helped with Project Feature ideas
19101534	MD ABU BAKAR SIDDIQ	<ol style="list-style-type: none"> 1. Helped with the project idea 2. Helped with ER diagram construction 3. Helped with Project Feature ideas

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Introduction

Triajao is a website that works like a bucket filled with hotels, tour guides, and venue suggestions. Our website has 3 segments. One for customers, another for hotel owners, and the last for tour guides. We are allowing rural people to help the tourist visit their city. They can sign up just by filling out a form. About hotels, managers can give all the details we need and enlist their hotel on our website. Thus they can boost their hotel business. Last but not least, the customer section, where people can book hotels, get suggestions about where to visit depending on their desired destination, and book tour guides so they don't get lost. All these facilities are just one sign-up away.

The project is built on HTML, PHP, Bootstrap, and MySQL. PHP is employed to establish a connection with the database, execute SQL queries, and fetch data. The presentation of the retrieved data is enhanced using HTML and Bootstrap. The development focuses on creating a Travel & Hotel Management System, incorporating the following features.

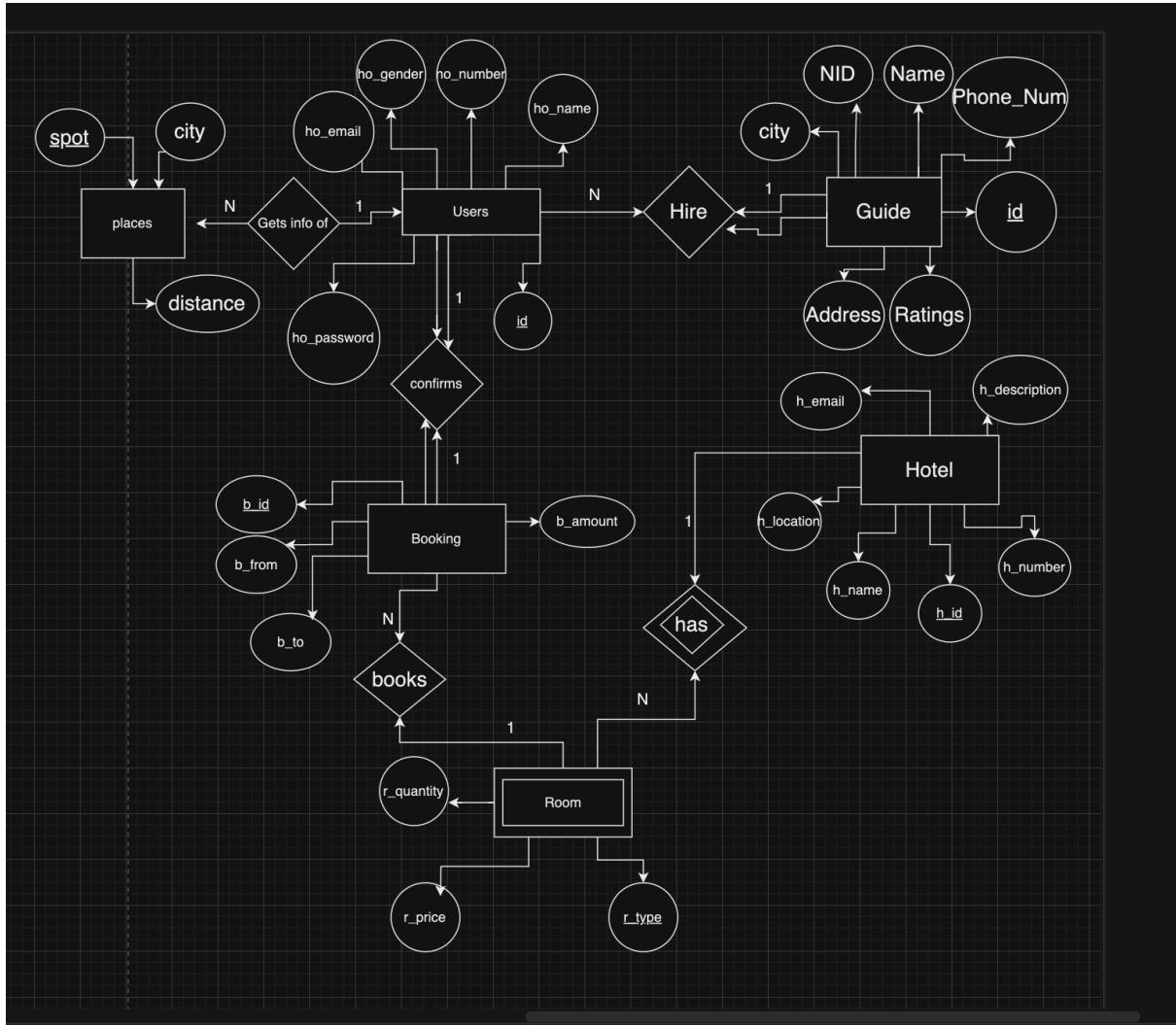
improving User Experience: This project leverages HTML and PHP to reduce page loading times significantly. The inclusion of a search bar further enhances user interaction, enabling them to easily locate hotels, guides, and travel destinations based on their specific needs. This addition is designed with user convenience in mind, aiming to streamline the overall experience on the website.

Data Management and Security: To ensure seamless navigation, the website incorporates a secure login and signup panel. User logins are safeguarded by passwords, and in cases where the entered email and password do not match the database records, an 'Invalid Username or Password' message is displayed. Moreover, the signup process enforces mandatory field completion, and any omission or incorrect data entry triggers an error prompt. By utilizing PHP and SQL, the website obtains real-time data from the database, simplifying processes such as hotel room booking and guide hiring.

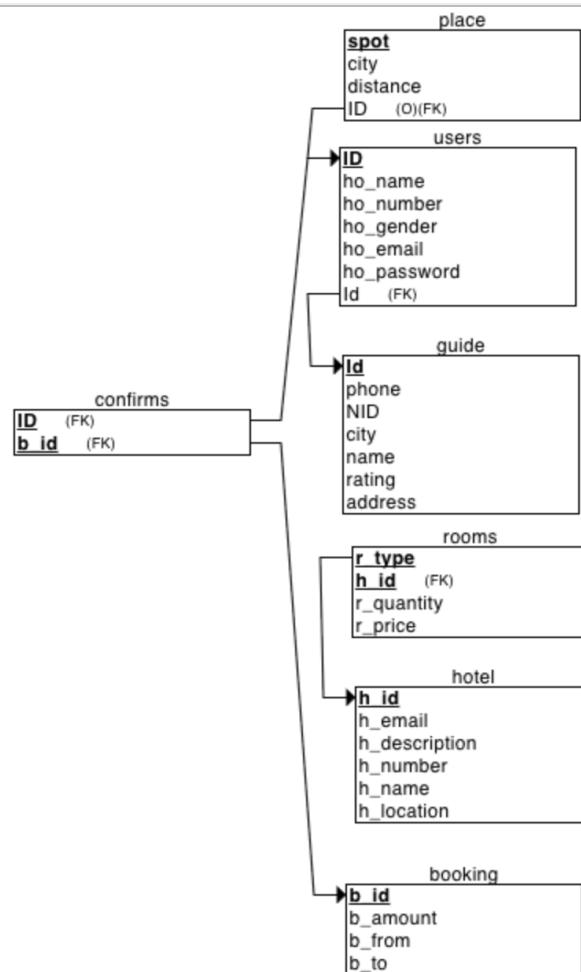
Project Features

1. Login and sign up using the user's email and password
2. User-friendly interface to see hotels, Guides, and their info
3. Easy-to-use interface to check availability book hotel room and book a room
4. Hotel search based on Name, Location
5. Hotel Registration
6. Guide registration and Hire Guide
7. Get suggestions about where to visit
8. Update hotel availability
9. Rate guides

ER/EER Diagram



Schema Diagram



Frontend Development

Contribution of ID : 22101924, Name : Zonayed Hossain Siyam

I've used HTML and CSS for front end design.

Homepage- The homepage is linked to all other pages that a user should access.



Hotel Form- In this form, hotel managers will register their hotel into our website.

A screenshot of a web browser showing a "Hotel Form" page. The page has a dark blue header with the title "Triajao - Hotel Form". The main content area features a large image of a hotel at night with palm trees and a pool. Overlaid on this image is a white rectangular form with the following fields: "Hotel Name" (with a person icon), "Hotel Phone Number" (with a phone icon), "Hotel's Email Address" (with an envelope icon), "Hotel Address" (with a house icon), "Short Bio for your Hotel" (with a text icon), and "Your Customer ID" (with a person icon). At the bottom of the form is a "Submit" button. A watermark for "Activate Windows" is visible in the bottom right corner.

Guide Form- Here, through this form natives of respective cities can register to become a tour guide.

Trijao - Guide Form

localhost/Project370/form.php

GUIDE FORM
Show the explorers why they should come to your city AGAIN

Fullname _____

Phone Number _____

NID number _____

Address _____

City _____

Submit

Activate Windows
Go to Settings to activate Windows.

Places To Travel- Here user can write there destination and a table will appear with all the famous places the user should visit for that corresponding destination.

Trijao - Places To Travel

localhost/Project370/page8.php

Search Hotel Hire Guide Buy Tickets Place To Travel My Account

Where would you like to visit?

Sylhet

Submit

Destination	Distance from city
Hazrat Shahjalal Mazar Sharif	9.5km
Jaflong	20.5km
Ratargul Swamp Forest	22.5km

Activate Windows
Go to Settings to activate Windows.

Hire guide- Here users can hire guide according to there desired destination and they can also rate the guide by their ID which will only appear after the customer successfully hires him.

The screenshot shows a travel website interface. At the top, there are three tabs: 'Triajao' (active), 'Places To Travel', and 'Hire Guide'. Below the tabs, the URL 'localhost/Project370/page7.php' is visible. The main header features the word 'Triajao' and navigation links for 'Search Hotel', 'Hire Guide' (which is currently active), 'Buy Tickets', 'Place To Travel', and 'My Account'. A large banner image displays a group of people outdoors, with a callout bubble showing a location pin and the text 'Rangamati'. Below the banner, there is a search bar with a 'Submit' button and a rating section showing '11' reviews and a '4.8' star rating with a 'Submit' button. To the right of the banner is a table listing guides for Rangamati, each with a 'Click To Hire' button. The table has columns for 'Guide Name', 'Ratings', 'City', and 'Hire'.

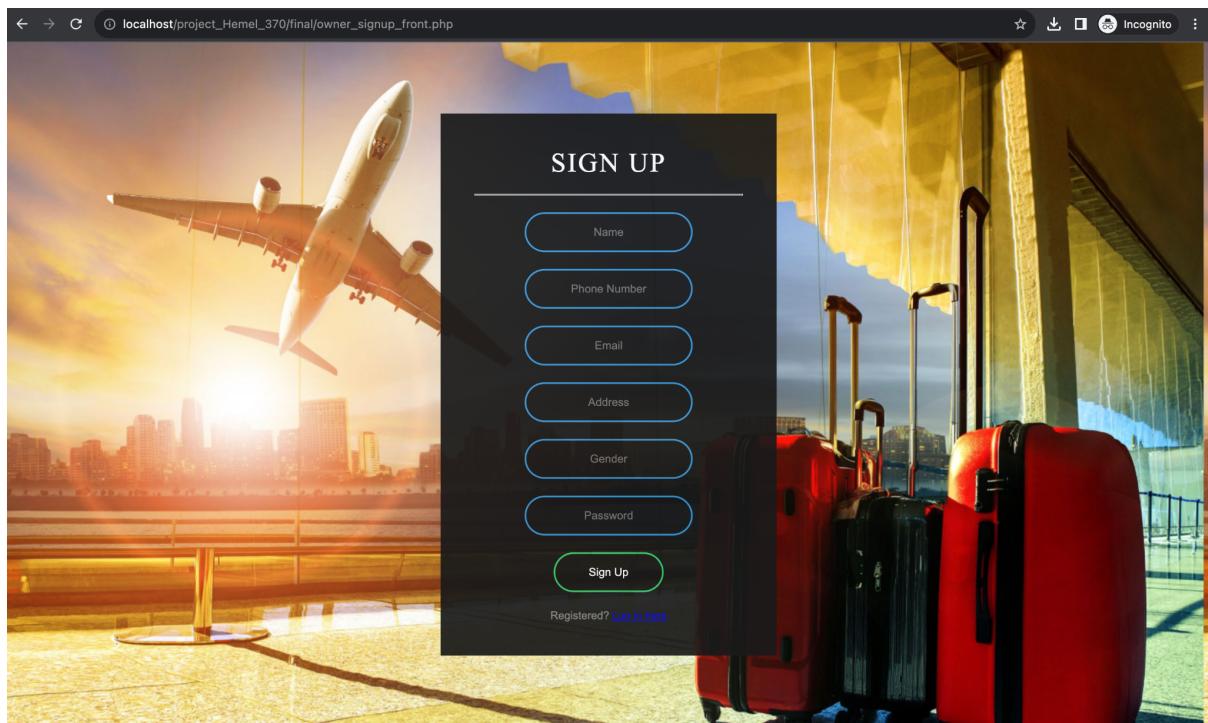
Guide Name	Ratings	City	Hire
Isnat Rijon	2.5	Rangamati	Click To Hire
Mainul Abir	0	Rangamati	Click To Hire
Towhid mahim	0	Rangamati	Click To Hire
Srabon Haque	0	Rangamati	Click To Hire
Sajid Hasan	0	Rangamati	Click To Hire

Activate Windows
Go to Settings to "Hire" Windows

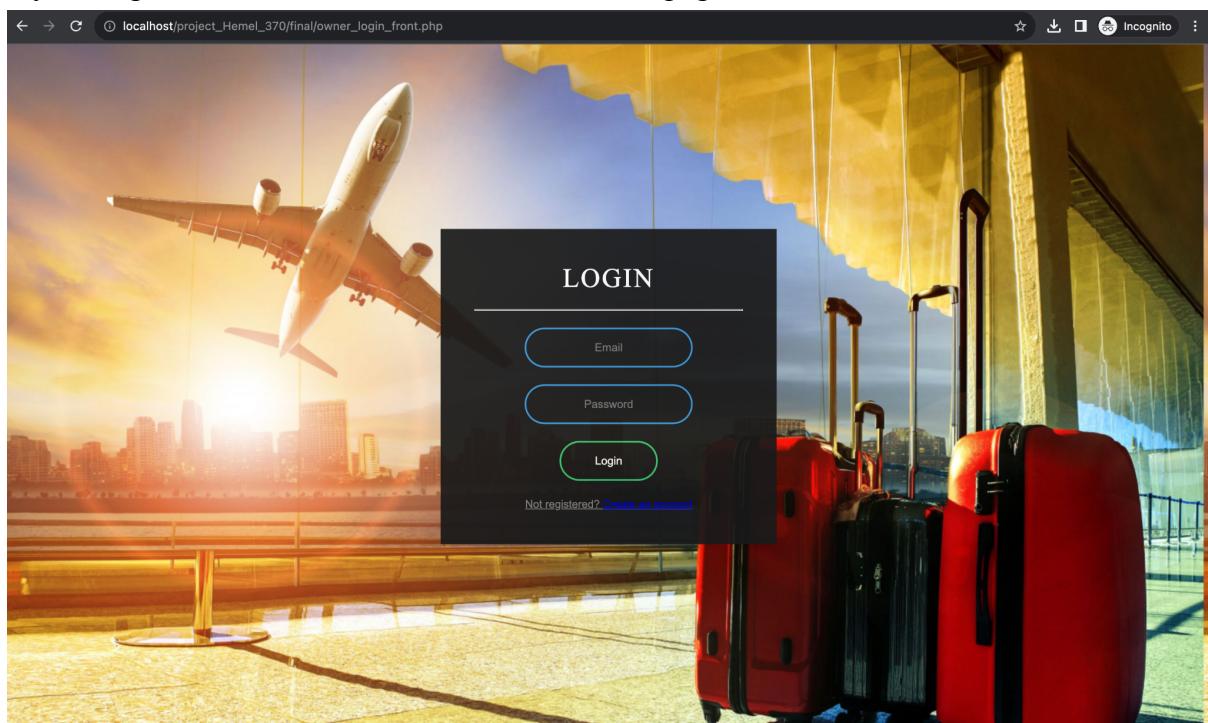
Contribution of ID :22241042, Name : Habibun Nabi Hemel

contribution in HTML & CSS. I have taken help from Youtube for HTML, and CSS. Also took some of them from Bootstrap Website. Then I modified the codes according to our needs and our theme sitting with my Group Members.

Register as a User: Users can sign up on the website by completing the form with a distinct name, email, phone number, gender, and password. Upon successful completion of all fields, a message will be displayed, indicating 'Sign up successful.' However, if any field is left blank, the system will prompt with 'All fields are required.'



Login page of a user: Here also, the Navigation bar is noticeable, and using the ‘Create an Account’ button users can redirect to the signup page if they want to. And also if anyone logout then he/she will be redirected to this page



Hotel Search: there one can search the hotel by this name or location. Then it will show all the hotels according to the search

The screenshot shows a web browser window with a dark header bar. The address bar displays 'localhost/project_Hemei_370/final/search_result.php'. Below the address bar is a navigation bar with icons for back, forward, refresh, and a profile dropdown labeled 'Profile ▾'. The main content area has a light blue gradient background.

Pearl Plaza Hotel

Location:Dhaka
Email: pearl@gmail.com

7800TK - 15000TK
Per Night

[View Rooms](#)

Warning: Undefined variable \$imageSrc in C:\xampp\htdocs\Project370\search_result.php on line 68

 Activate Windows
Go to Settings to activate Windows.

The hotel named by Hemel hotel appears

Traijao hemel Search Profile ▾

Hemel Hotel
Location: Shymohli, Dhaka
Email: hemel@gmail.com

500TK ~ 1500TK
Per Night

[View Rooms](#)

All the available hotels in Dhaka, on the right site it is showing the range of lowest and highest price of a Hotel because we have multiple categories of room .

Traijao dhak Search Profile ▾

Pearl Plaza Hotel
Location: Gulshan, Dhaka
Email: pearl@gmail.com

7800TK ~ 15000TK
Per Night

[View Rooms](#)

Millennium Majesty Inn
Location: Badda, Dhaka
Email: mmajesty@yahoo.com

2500TK ~ 9300TK
Per Night

[View Rooms](#)

Logout button will redirect you to the login page

Profile ▾

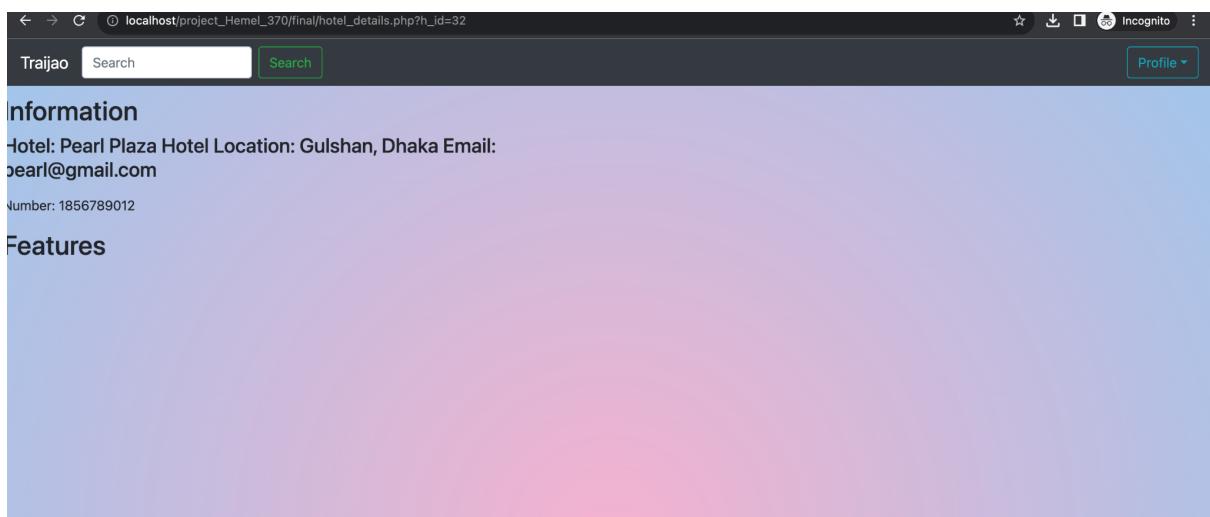
[Logout](#)

7800TK ~ 15000TK
Per Night

[View Rooms](#)

2500TK ~ 9300TK
Per Night

Hotel Details: Upon selecting a specific hotel, users gain access to details such as the hotel's name, features, phone number, email, and description. Crucially, users can view room types and the availability of rooms for a given day. Before placing an order, users are required to choose check-in and check-out dates. After selecting the dates and clicking "Check Availability," users will see the chosen date range on the page. If any rooms are already booked for that day, the user will observe a corresponding decrease in available room quantity.



From: 12/14/2023 To: 12/15/2023 Check Availability

From: 2023-12-13
To: 2023-12-14

Type	Per Night Cost	Quantity
Executive	10000	13
Presidential	15000	6
Suit	7800	24

Executive 3
Presidential 2
Suit 0

localhost/project_Hemel_370/final/hotel_confirm.php



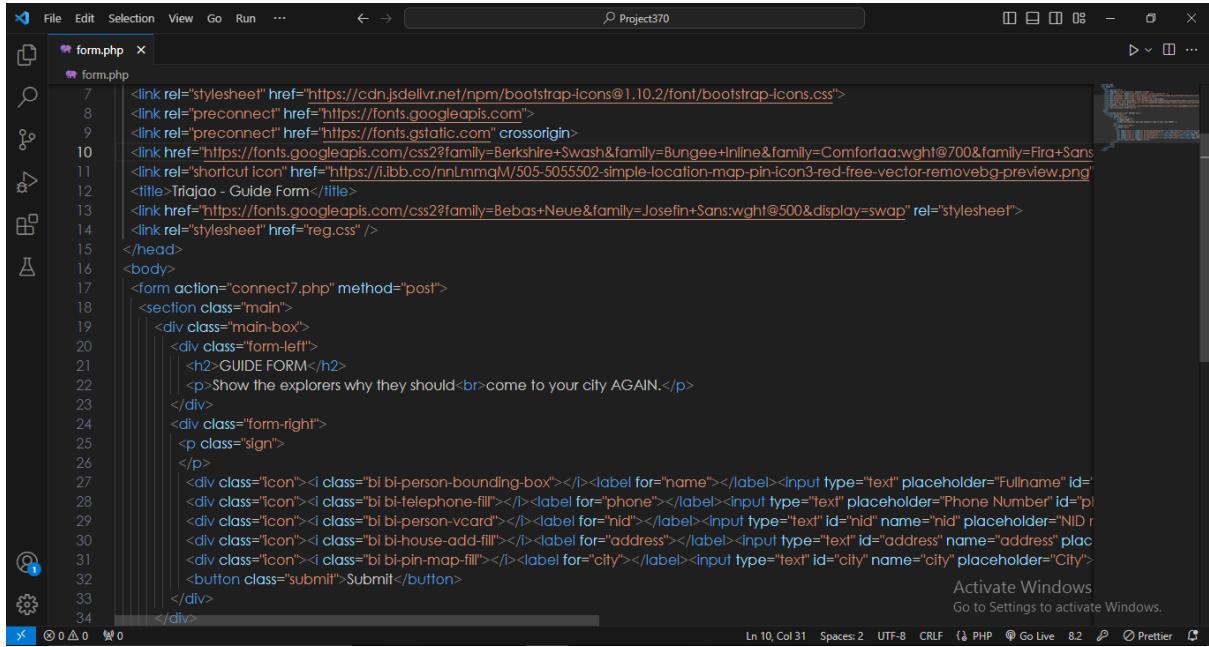
[Pay First !!](#)

Backend Development

Contribution of ID : 22101924, Name : Zonayed Hossain Siyam

I've used PHP, MySQL and a database named project_cse370. Sometimes php is in between HTML and for some specific operations, I've used a separate PHP file.

Guide Form- Here I've used PHP to collect guide's details and store them into 'guides' table in my database



A screenshot of a code editor window titled "form.php". The code is a PHP script with HTML and CSS. It includes imports for Bootstrap icons and Google fonts, defines a form with two sections (left and right), and contains several input fields for user information like name, phone, NID, address, and city. A "Submit" button is at the bottom. The code editor has a dark theme and shows line numbers from 1 to 34.

```
<?php
// Your PHP code here
// For example:
// $name = $_POST['name'];
// $phone = $_POST['phone'];
// $nid = $_POST['nid'];
// $address = $_POST['address'];
// $city = $_POST['city'];

echo "Hello, " . $name . "! Your details have been submitted successfully.";
```

```

1 <?php
2 $name = $_POST["name"];
3 $phone = $_POST["phone"];
4 $nid = $_POST["nid"];
5 $ratings = 0;
6 $address = $_POST["address"];
7 $city = $_POST["city"];
8
9 $conn = mysql_connect("localhost","root","","project_cse370");
10 if ($conn->connect_error) {
11 die("Connection failed: " . $conn->connect_error);
12 }
13 else{
14 $stmt = $conn->prepare("Insert into guides(Name, Phone, NID, Ratings, Address, City)
values(?, ?, ?, ?, ?)");
15 $stmt->bind_param("ssidss", $name, $phone, $nid, $ratings, $address, $city);
16 $stmt->execute();
17 echo "Registration successful";
18 $stmt->close();
19 $conn->close();
20 }
21 }
22 ?>

```

Activate Windows
Go to Settings to activate Windows.

Ln 4, Col 22 Spaces: 4 UTF-8 CRLF ⚙️ PHP ⚙️ Go Live 8.2 ⚙️ Prettier

Hotel form- Here I took hotel details as input and stored them in ‘hotel’ table.

```

18 <link href="https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Josefin+Sans:wght@500&display=swap" rel="stylesheet">
19 <link rel="stylesheet" href="form2B.css" />
20 </head>
21 <body>
22 <form action='form2B.php' method="post">
23 <section class="main" id="edit">
24 <div class="main-box">
25 <div class="form-left">
26 <h2>HOTEL FORM</h2>
27 <p>Ready to provide the best service <br>and boost your business?</p>
28 </div>
29 <div class="form-right">
30 <p class="sign">
31 </p>
32 <div class="icon"><i class="bi bi-person-bounding-box"></i><label for="hname"></label><input type="text" placeholder="Hotel Name">
33 <div class="icon"><i class="bi bi-telephone-fill"></i><label for="hphone"></label><input type="text" placeholder="Hotel Phone Number">
34 <div class="icon"><i class="bi bi-envelope-at-fill"></i><label for="hmail"></label><input type="text" id="hmail" name="hmail" placeholder="Email Address">
35 <div class="icon"><i class="bi bi-house-add-fill"></i><label for="hlocation"></label><input type="text" id="hlocation" name="hlocation" placeholder="Address">
36 <div class="icon"><i class="bi bi-text-paragraph"></i><label for="hdesc"></label><input type="text" id="hdesc" name="hdesc" placeholder="Description">
37 <div class="icon"><i class="bi bi-person-fill-exclamation"></i><label for="desc"></label><input type="text" placeholder="Your Customer Support Number">
38 <button class="submit">Submit</button>
39 </div>
40 </div>
41 </div>
42 </section>
43 </body>
44 </html>

```

Activate Windows
Go to Settings to activate Windows.

Ln 27, Col 59 Spaces: 2 UTF-8 CRLF ⚙️ PHP ⚙️ Go Live 8.2 ⚙️ Prettier

```

<?php
$hname = $_POST['hname'];
$hphone = $_POST['hphone'];
$hmail = $_POST['hmail'];
$hlocation = $_POST['hlocation'];
$desc = $_POST['hdesc'];

$conn = mysqli_connect("localhost","root","","project_cse370");
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
} else{
    $stmt = $conn->prepare("insert into hotel(h_name, h_number, h_email, h_location, h_descripton)
values(?,?,?,?,?)");
    $stmt->bind_param("sssss", $hname, $hphone, $hmail, $hlocation, $desc);
    $stmt->execute();
    echo "Registration successful";
    $stmt->close();
    $conn->close();
}
?>

```

Activate Windows
Go to Settings to activate Windows.

Ln 6, Col 18 Spaces: 4 UTF-8 CRLF ⚙ PHP ⚙ Go Live 8.2 ⚙ Prettier

Hire and Rate Guide: Here I've used PHP and MYSQL to show guides from the user's desired destination. Also, I used MySQL and PHP in a separate file to calculate the latest rating after the user gives a rating to a certain guide.

```

<?php
require_once('connect6.php');
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
.bg{
background-image: url('tour.jpg');
}
.rate #submit-right{
top: 86%;
left: 21%;
}
.rate .location #right{
position: absolute;
top: 0px;
left: 240px;
}
.rate .location{
top: 76%;
left: 6%;
width: 570px;
}
.results-table {
opacity: 0.7;
}

```

Activate Windows
Go to Settings to activate Windows.

Ln 68, Col 62 Spaces: 4 UTF-8 CRLF ⚙ PHP ⚙ Go Live 8.2 ⚙ Prettier

Project370

```

page7.php x
page7.php

background-color: #323232;
left: 58%;
top: 126px;
border-radius: 20px 20px 0px 0px;
color: white; /* Add any other styles you want for text color, etc. */

.results-table th, .results-table td {
    text-shadow: 7px 4px 0px #323232;
    width: 50%;
    font-size: 19px;
    font-family: 'Sono', sans-serif;
    border: 2px solid white;
    padding: 10px; /* Adjust padding as needed */
    text-align: center; /* Align text to left, center, or right as preferred */
}

</style>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.2/font/bootstrap-icons.css">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Berkshire+Swash&family=Comfortaa:wght@700&family=Fira+Sans:ital,wght@0,400;1,400&family=Chivo+Mono:wght@300;500&family=Cooper+One:ital,wght@0,400&family=Ubuntu:ital,wght@0,400;1,400" href="https://fonts.googleapis.com/css2?family=Berkshire+Swash&family=Comfortaa:wght@700&family=Fira+Sans:ital,wght@0,400;1,400&family=Chivo+Mono:wght@300;500&family=Cooper+One:ital,wght@0,400&family=Ubuntu:ital,wght@0,400;1,400" crossorigin>
<link rel="shortcut icon" href="https://libb.co/nnlmmqM/505-5055502-simple-location-map-pin-icon3-red-free-vector-removebg-preview.png" href="https://libb.co/nnlmmqM/505-5055502-simple-location-map-pin-icon3-red-free-vector-removebg-preview.png" type="image/x-icon">
<link href="page7.css" rel="stylesheet">
<title>Hire Guide</title>

</head>
<body>
<nav>
<div class="Name"><a href="Page1.php">Trlajao</a></div>

```

Activate Windows
Go to Settings to activate Windows.

Ln 68, Col 62 Spaces: 4 UTF-8 CRLF ⚙️ PHP ⚙️ Go Live 8.2 ⚙️ Prettier

Project370

```

page7.php x
page7.php

<div class="options">
<a href="search_result.php" target="_blank"><button>Search Hotel</button></a>
<button class="active">Hire Guide</button>
<a href="Page4.php" target="_blank"><button>Buy Tickets</button></a>
<a href="Page8.php" target="_blank"><button>Place To Travel</button></a>
</div>
<div class="acc"><i class="bi bi-person-circle"></i> My Account </div>
</nav>
<div class="bg" style="background-image: url('tour.jpg');">
<form action="page7.php" method="POST" class="input">
<div class="text1">Your preferable</div>
<div class="text2">DESTINATION</div>
<label for="place"></label>
<table class="location">
<tr>
<th class="left">
<i class="bi bi-pin-map-fill"></i>
<input class="line" type="text" id="place" name="place" placeholder="city">
</th>
</tr>
</table>
<button class="submit">Submit</button>
</form>
<?php
if (isset($_POST['place'])) {
    $place = mysqli_real_escape_string($con, $_POST['place']);
    $query = "SELECT * FROM guides WHERE city=$place";
    $result = mysqli_query($con, $query);
}

```

Activate Windows
Go to Settings to activate Windows.

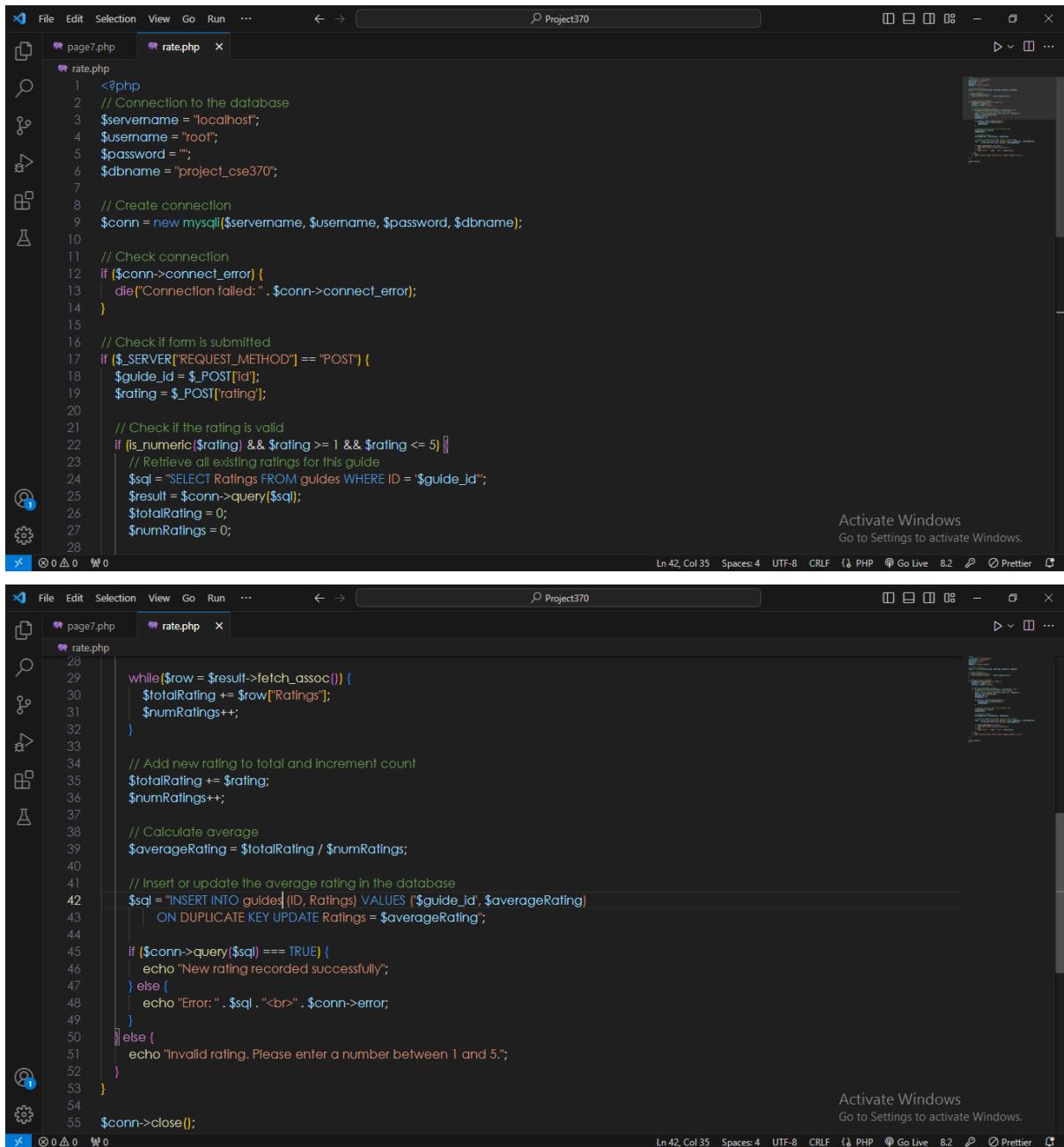
Ln 68, Col 62 Spaces: 4 UTF-8 CRLF ⚙️ PHP ⚙️ Go Live 8.2 ⚙️ Prettier

```
84 if (isset($_POST['place'])) {
85     $place = mysqli_real_escape_string($con, $_POST['place']);
86     $query = "SELECT * FROM guides WHERE city='$place'";
87     $result = mysqli_query($con, $query);
88
89     if ($result) {
90         ?>
91         <table class="results-table">
92             <tr>
93                 <th style="border-top:0px; border-left:0px;">Guide Name</th>
94                 <th style="border-top:0px;">Ratings</th>
95                 <th style="border-top:0px;">City</th>
96                 <th style="border-top:0px; border-right:0px;">Hire</th>
97             </tr>
98             <?php
99             while ($row = mysqli_fetch_assoc($result)) {
100                 ?>
101                 <tr>
102                     <td><?php echo $row["Name"] ?></td>
103                     <td><?php echo $row["Ratings"] ?></td>
104                     <td><?php echo $row["City"] ?></td>
105                     <td><button style="margin:5px;">Click To Hire</button></td>
106                 </tr>
107             <?php
108         }
109     </table>
110     <?php
111 }
```

Activate Windows
Go to Settings to activate Windows.

```
109     ?>
110     </table>
111     <?php
112     } else {
113         echo "<p>No guides found for this city.</p>";
114     }
115 }
116 ?>
117 </div>
118 <form action="rate.php" method="post" class="rate">
119     <table class="location">
120         <tr>
121             <th class="left">
122                 <i class="bi bi-list-ul"></i>
123                 <input class="fline" type="text" id="id" name="id" placeholder="Guide's ID">
124             </th>
125             <th class="left" id="right">
126                 <i class="bi bi-star-half"></i>
127                 <input class="fline" type="text" id="rating" name="rating" placeholder="Rate out of 5">
128             </th>
129         </tr>
130     </table>
131     <button class="submit" id="submit-right">Submit</button>
132 </form>
133 </body>
134 </html>
```

Activate Windows
Go to Settings to activate Windows.



```

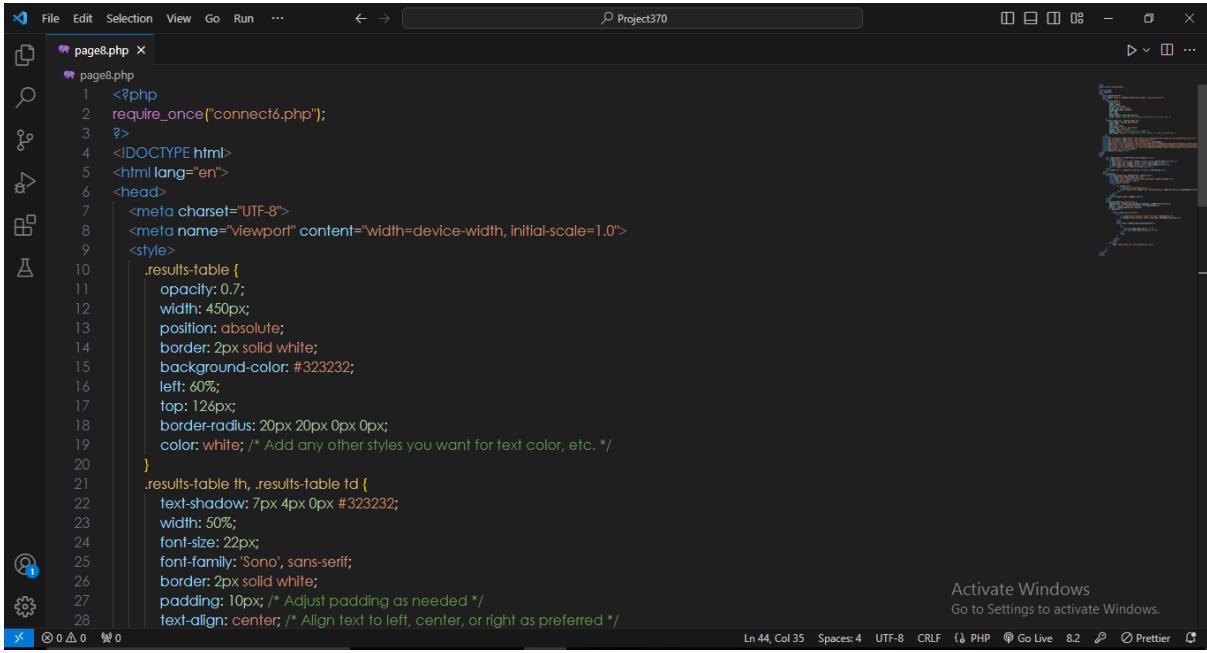
File Edit Selection View Go Run ...
Project370
rate.php
1 <?php
2 // Connection to the database
3 $servername = "localhost";
4 $username = "root";
5 $password = "";
6 $dbname = "project_cse370";
7
8 // Create connection
9 $conn = new mysqli($servername, $username, $password, $dbname);
10
11 // Check connection
12 if ($conn->connect_error) {
13 die("Connection failed: " . $conn->connect_error);
14 }
15
16 // Check if form is submitted
17 if ($_SERVER['REQUEST_METHOD'] == "POST") {
18 $guide_id = $_POST['id'];
19 $rating = $_POST['rating'];
20
21 // Check if the rating is valid
22 if (!is_numeric($rating) && $rating >= 1 && $rating <= 5) {
23 // Retrieve all existing ratings for this guide
24 $sql = "SELECT Ratings FROM guides WHERE ID = '$guide_id'";
25 $result = $conn->query($sql);
26 $totalRating = 0;
27 $numRatings = 0;
28
29 while($row = $result->fetch_assoc()) {
30 $totalRating += $row['Ratings'];
31 $numRatings++;
32 }
33
34 // Add new rating to total and increment count
35 $totalRating += $rating;
36 $numRatings++;
37
38 // Calculate average
39 $averageRating = $totalRating / $numRatings;
40
41 // Insert or update the average rating in the database
42 $sql = "INSERT INTO guides (ID, Ratings) VALUES ($guide_id, $averageRating)
43 ON DUPLICATE KEY UPDATE Ratings = $averageRating";
44
45 if ($conn->query($sql) === TRUE) {
46 echo "New rating recorded successfully";
47 } else {
48 echo "Error: " . $sql . "<br>" . $conn->error;
49 }
50 } else {
51 echo "Invalid rating. Please enter a number between 1 and 5.";
52 }
53 }
54
55 $conn->close();

```

Activate Windows
Go to Settings to activate Windows.

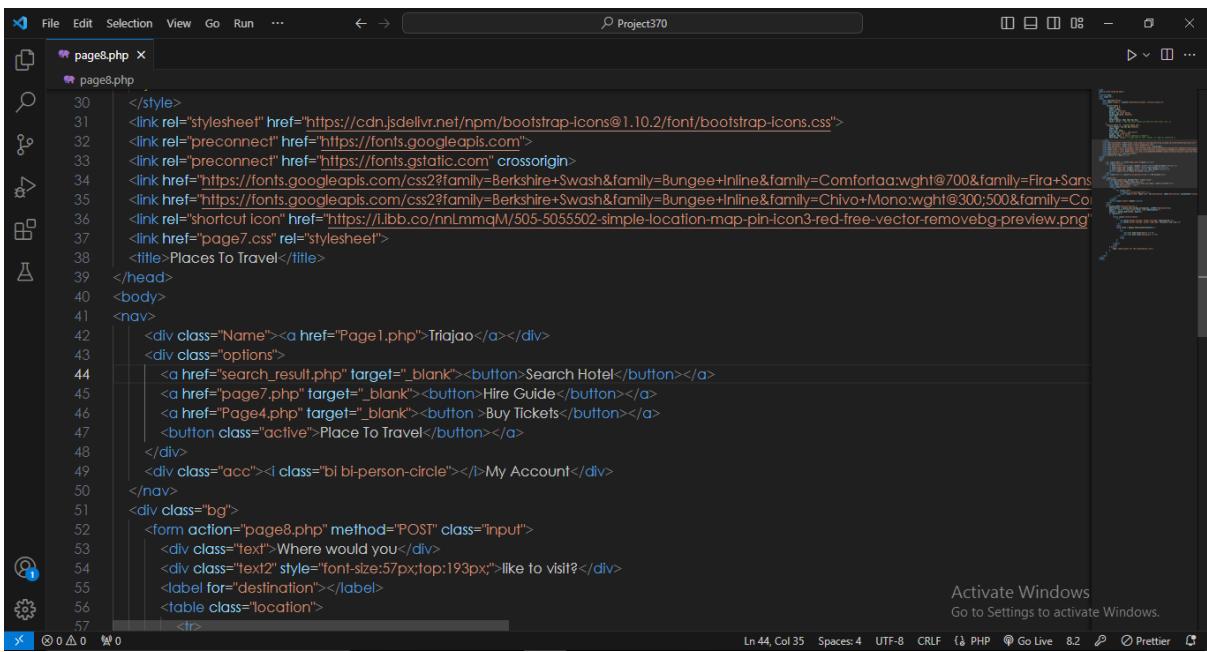
Ln 42, Col 35 Spaces: 4 UTF-8 CRLF ⚙ PHP ⚙ Go Live 8.2 ⚙ Prettier ⚙

Places to travel: Here the user will get suggestions about where they can get suggestions about where to visit depending on their desired location.



```
<?php
require_once("connect6.php");
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <style>
        .results-table {
            opacity: 0.7;
            width: 450px;
            position: absolute;
            border: 2px solid white;
            background-color: #323232;
            left: 60%;
            top: 126px;
            border-radius: 20px 20px 0px 0px;
            color: white; /* Add any other styles you want for text color, etc. */
        }
        .results-table th, .results-table td {
            text-shadow: 7px 4px 0px #323232;
            width: 50%;
            font-size: 22px;
            font-family: 'Sono', sans-serif;
            border: 2px solid white;
            padding: 10px; /* Adjust padding as needed */
            text-align: center; /* Align text to left, center, or right as preferred */
        }
    </style>
</head>
<body>
    <div class="Name"><a href="Page1.php">Triajao</a></div>
    <div class="options">
        <a href="search_result.php" target="_blank"><button>Search Hotel</button></a>
        <a href="page7.php" target="_blank"><button>Hire Guide</button></a>
        <a href="Page4.php" target="_blank"><button>Buy Tickets</button></a>
        <button class="active">Place To Travel</button>
    </div>
    <div class="acc"><i class="bi bi-person-circle"></i> My Account</div>
</body>
<script>
    document.addEventListener("DOMContentLoaded", function() {
        var searchForm = document.querySelector("form");
        searchForm.addEventListener("submit", function(event) {
            event.preventDefault();
            var destination = document.querySelector("#destination").value;
            if (destination === "") {
                alert("Please enter a destination");
            } else {
                var url = "page8.php?destination=" + destination;
                window.location.href = url;
            }
        });
    });
</script>

```



```
<?php
require_once("connect6.php");
<!DOCTYPE html>
<html lang="en">
<head>
    <style>
        .results-table {
            opacity: 0.7;
            width: 450px;
            position: absolute;
            border: 2px solid white;
            background-color: #323232;
            left: 60%;
            top: 126px;
            border-radius: 20px 20px 0px 0px;
            color: white; /* Add any other styles you want for text color, etc. */
        }
        .results-table th, .results-table td {
            text-shadow: 7px 4px 0px #323232;
            width: 50%;
            font-size: 22px;
            font-family: 'Sono', sans-serif;
            border: 2px solid white;
            padding: 10px; /* Adjust padding as needed */
            text-align: center; /* Align text to left, center, or right as preferred */
        }
    </style>
</head>
<body>
    <div class="Name"><a href="Page1.php">Triajao</a></div>
    <div class="options">
        <a href="search_result.php" target="_blank"><button>Search Hotel</button></a>
        <a href="page7.php" target="_blank"><button>Hire Guide</button></a>
        <a href="Page4.php" target="_blank"><button>Buy Tickets</button></a>
        <button class="active">Place To Travel</button>
    </div>
    <div class="acc"><i class="bi bi-person-circle"></i> My Account</div>
</body>
<script>
    document.addEventListener("DOMContentLoaded", function() {
        var searchForm = document.querySelector("form");
        searchForm.addEventListener("submit", function(event) {
            event.preventDefault();
            var destination = document.querySelector("#destination").value;
            if (destination === "") {
                alert("Please enter a destination");
            } else {
                var url = "page8.php?destination=" + destination;
                window.location.href = url;
            }
        });
    });
</script>

```

```

File Edit Selection View Go Run ... ← → ⌂ Project370
page8.php x
page8.php
62 | </tr>
63 | </table>
64 | <button class="submit">Submit</button>
65 | </form>
66 | <?php
67 if (isset($_POST['destination'])) {
68     $destination = mysql_real_escape_string($con, $_POST['destination']);
69     $query = "SELECT * FROM places WHERE city=$destination";
70     $result = mysqli_query($con, $query);
71     if ($result) {
72         ?>
73         <table class="results-table">
74             <tr>
75                 <th style="border-top:0px; border-left:0px;">Destination</th>
76                 <th style="border-top:0px; border-right:0px;">Distance from city</th>
77             </tr>
78             <?php
79             while ($row = mysqli_fetch_assoc($result)) {
80                 ?>
81                 <tr>
82                     <td><?php echo $row["Spot"] ?></td>
83                     <td><?php echo $row["Distance"] ?></td>
84                 </tr>
85             <?php
86         }
87     </table>
88
89
90
91
92
93
94
95
96
97

```

Activate Windows
Go to Settings to activate Windows.

Ln 44, Col 35 Spaces: 4 UTF-8 ⚙ PHP ⚙ Go Live 8.2 ⚙ Prettier

```

File Edit Selection View Go Run ... ← → ⌂ Project370
page8.php x
page8.php
77 | <tr>
78 | <?php
79 while ($row = mysqli_fetch_assoc($result)) {
80     ?>
81     <tr>
82         <td><?php echo $row["Spot"] ?></td>
83         <td><?php echo $row["Distance"] ?></td>
84     </tr>
85     <?php
86 }
87 </table>
88 <?php
89 } else {
90     echo "<p>No places for this destination.</p>";
91 }
92
93
94
95
96
97

```

Activate Windows
Go to Settings to activate Windows.

Ln 44, Col 35 Spaces: 4 UTF-8 ⚙ PHP ⚙ Go Live 8.2 ⚙ Prettier

This is the database and tables I've created and used.

localhost / 127.0.0.1 / project_cse370 | CSE370_Section10_Group12_Fai | Triajao

localhost/phpmyadmin/index.php?route=/sql&db=project_cse370&table=guides&pos=0

Updated_Degree_P... Prerequisite List ... FlixHQ | Watch Kun... Folder - Google Dri... 2024 Spring CSE R... Minimum mode of... localhost / 127.0.0.1...

phpMyAdmin

Server: 127.0.0.1 » Database: project_cse370 » Table: guides

Browse Structure SQL Search Insert Export Import Privileges Operations Track

ID Phone NID Ratings Address City Name

1 01973468545 100 0 Kotowali, Dhaka-1100 Dhaka Zayan Iram

2 01973468545 101 0 Wari, Dhaka-1100 Dhaka Navid Nahyaan

3 01973568545 102 0 Wari, Cox's Bazar Cox's Bazar Toufic Piyal

4 01973578545 103 0 Potenga, Cox's Bazar Cox's Bazar Nazmul Hasan

5 01973578544 104 0 District, Cox's Bazar Cox's Bazar Spondon Roy

6 01973578744 105 0 Beachside, Cox's Bazar Cox's Bazar Sifat Rimon

7 01973579744 106 0 Lake, Cox's Bazar Cox's Bazar Shafayat Rafi

8 01773579744 107 2.5 Parkside, Rangamati Rangamati Isnat Rijon

9 01793579744 108 0 Lakeshore, Rangamati Rangamati Mainul Abir

10 01794579744 109 0 Bhuter golli, Rangamati Rangamati Towhid mahin

11 01704579744 110 0 Rd 5, Rangamati Rangamati Srabon Haque

12 01704579746 111 0 Banani, Rangamati Rangamati Sajid Hasan

13 01704570746 112 0 Sajek, Sylhet Sylhet Jamal Abdul

14 01704580746 113 0 Nimtoli, Sylhet Sylhet Jamal Kamal

15 01704580749 114 0 Bot tola, Sylhet Sylhet Zakir Hossain

16 01704570749 115 0 Amtoli, Sylhet Sylhet Rohim Hossain

17 01705570749 116 0 Jamjam tower, Sylhet Sylhet Rohan Mahmud

18 01705570740 117 0 Jamjam tower, Sunamganj Sunamganj Mahfuz Mahi

19 01708570740 118 0 Twin qolli, Sunamqani Sunamqani Mahfuz Maruf

Console

localhost / 127.0.0.1 / project_cse370 | CSE370_Section10_Group12_Fa... | Triajao

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=project_cse370&table=hotel

Updated_Degree_P... Prerequisite List ... FlixHQ | Watch Kun... Folder - Google Dri... 2024 Spring CSE R... Minimum mode of... localhost / 127.0.0.1...

phpMyAdmin

Server: 127.0.0.1 » Database: project_cse370 » Table: hotel

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Extra options

	h_id	h_name	h_number	h_email	h_location	h_description
<input type="checkbox"/>	29	Oceanfront Haven Hotel	1812345678	ocean@gmail.com	Cox's Bazar	Discover the epitome of coastal luxury at our Sea ...
<input type="checkbox"/>	30	Seaside Serenity Inn	1723456789	seaside@gmail.com	Sylhet	Immerse yourself in the soothing rhythm of the wav...
<input type="checkbox"/>	31	Cityscape Hotel	1345678901	cityscape@gmail.com	Sylhet	Nestled amidst the lush green landscapes of Sylhet...
<input type="checkbox"/>	32	Pearl Plaza Hotel	1856789012	pearl@gmail.com	Dhaka	Our hotel offers a seamless blend of contemporary ...
<input type="checkbox"/>	33	Millennium Majesty Inn	1767890123	mmajesty@yahoo.com	Sunamganj	Welcome to Millennium Majesty Inn, a premier hotel...
<input type="checkbox"/>	34	Satkira Serenity Resort	1389012345	ccharm@gmail.com	Rangamati	Discover tranquility at Satkira Serenity Resort, ...
<input type="checkbox"/>	35	Hemel Hotel	141414141	hemel@gmail.com	Sunamganj	Best hotel in shymohil
<input type="checkbox"/>	36	zonyated Hotel	14141411	z@gmail.com	Dhaka	Nice hotel
<input type="checkbox"/>	38	Pan Pacific	1973468545	damahdan@gmail.com	Dhaka	Welcome to our hotel
<input type="checkbox"/>	39	Intercontinental	1927385234	naja@gmail.com	Sunamganj	Welcome to our hotel
<input type="checkbox"/>	40	Jinjira View	1928328332	jaks@gmail.com	Sylhet	Welcome to our hotel

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Activate Windows Go to Settings to activate Windows.

localhost / 127.0.0.1 / project_cse370 | CSE370_Section10_Group12_Fa... | Triajao

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=project_cse370&table=places

Updated_Degree_P... Prerequisite List ... FlixHQ | Watch Kun... Folder - Google Dri... 2024 Spring CSE R... Minimum mode of... localhost / 127.0.0.1...

phpMyAdmin

Server: 127.0.0.1 » Database: project_cse370 » Table: places

Browse Structure SQL Search Insert Export

Recent Favorites

	City	Spot	Distance	
<input type="checkbox"/>	Dhaka	Diabari	22.4 km	
<input type="checkbox"/>	Rangamati	Hanging Bridge Road	15km	
<input type="checkbox"/>	Sunamganj	Hason Raja Museum	2.5km	
<input type="checkbox"/>	Sylhet	Hazrat Shahjalal Mazar Sharif	9.5km	
<input type="checkbox"/>	Cox's Bazar	Inani Beach	20km	
<input type="checkbox"/>		Sunamganj	Jadukata River	5.7 km
<input type="checkbox"/>	Sylhet	Jaflong	20.5km	
<input type="checkbox"/>	Rangamati	Kaptai Lake	2.5km	
<input type="checkbox"/>	Cox's Bazar	Kolatoli Beach	2km	
<input type="checkbox"/>	Dhaka	Lalbagh Kella	3km	
<input type="checkbox"/>	Dhaka	Military Museum	8.9 km	
<input type="checkbox"/>	Cox's Bazar	Radiant Fish World	5km	
<input type="checkbox"/>	Rangamati	Rajban Bihar	13.7km	
<input type="checkbox"/>	Sylhet	Ratargul Swamp Forest	22.5km	
<input type="checkbox"/>	Sunamganj	Tanguar Haor	12.4 km	

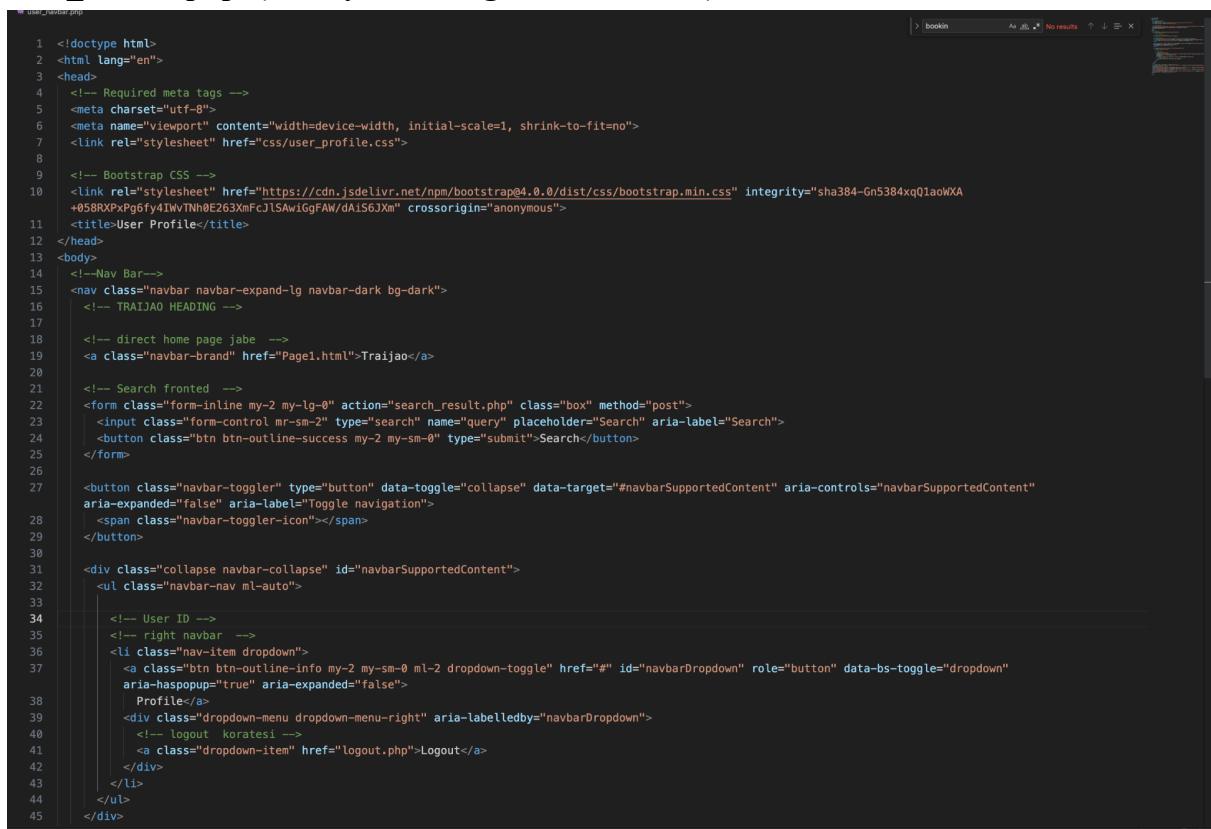
Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table

Contribution of ID :22241042 , Name : Habibun Nabi Hemel

I've used PHP, MySQL and a database named "ok". Sometimes php is in between HTML and for some specific operations, I've used a separate PHP file.
Guide Form- Here I've used PHP to collect guide's details and store them into 'guides' table in my database

User-navbar.php (mainly searching frontend work)



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <!-- Required meta tags -->
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7   <link rel="stylesheet" href="css/user_profile.css">
8
9   <!-- Bootstrap CSS -->
10  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5BfPjXoYfSWAmB/lp0Q4fPKtLm+H1zOq7lOr5t/Hu1+pqifAHuZqkPC" crossorigin="anonymous">
11  <title>User Profile</title>
12 </head>
13 <body>
14   <!-- Nav Bar -->
15   <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
16     <!-- TRAIJAO HEADING -->
17
18     <!-- direct home page jabe -->
19     <a class="navbar-brand" href="Page1.html">Traijao</a>
20
21     <!-- Search fronted -->
22     <form class="form-inline my-2 my-lg-0" action="search_result.php" class="box" method="post">
23       <input class="form-control mr-sm-2" type="search" name="query" placeholder="Search" aria-label="Search">
24       <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
25     </form>
26
27     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
28       <span class="navbar-toggler-icon"></span>
29     </button>
30
31     <div class="collapse navbar-collapse" id="navbarSupportedContent">
32       <ul class="navbar-nav ml-auto">
33
34         <!-- User ID -->
35         <!-- right navbar -->
36         <li class="nav-item dropdown">
37           <a class="btn btn-outline-info my-2 my-sm-0 ml-2 dropdown-toggle" href="#" id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
38             Profile</a>
39           <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown">
40             <!-- logout koratesi -->
41             <a class="dropdown-item" href="logout.php">Logout</a>
42           </div>
43         </li>
44       </ul>
45     </div>
```

```

47  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
48  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UEnmM7KCKR/rE9/Qpg6aAZGJwfDMVNA/GpGFF93hXpG5KKW"
49    crossorigin="anonymous"></script>
50  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7w3mgPxhU9K/
51    ScQsAP7hUibx39j7fakFskvXusfa0b40" crossorigin="anonymous"></script>
52  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSffWpi1MquVdAyJuar5
53    +76PVCmYL" crossorigin="anonymous"></script>
54  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RsynM9kWDrMNeT87bh950GNYZPhcTNXj1NW7RuBCsyN/oJlpcV80yq46cDfL" crossorigin="anonymous"></script>
55
56 </body>
57
58 </html>

```

The HTML document dynamically displays search results for hotels based on user input. Utilizing PHP and MySQL, it fetches hotel details, including names, locations, and prices. The responsive layout and Bootstrap styling enhance the user experience, and it gracefully handles cases where no results are found.

Search_result.php

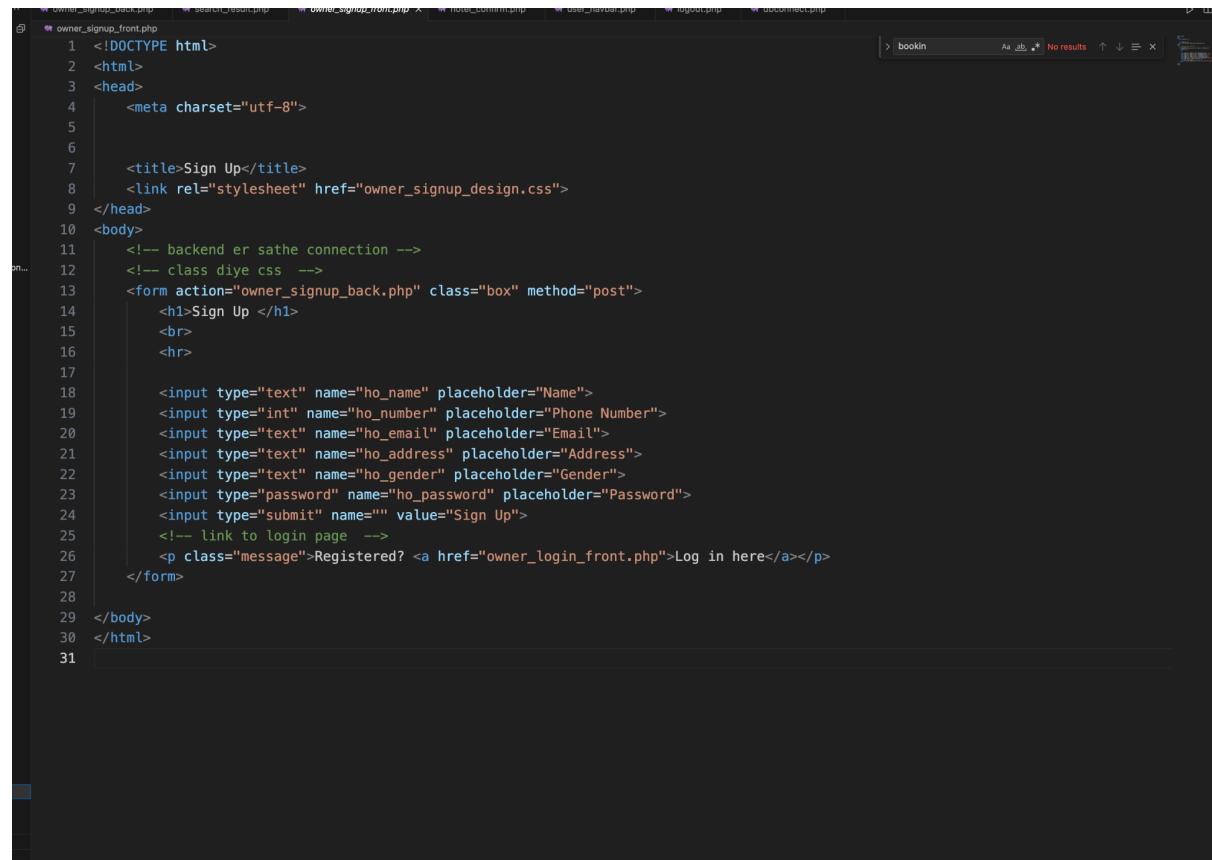
```

search_result.php
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <!-- <link rel="stylesheet" href="search_result.css"> -->
6   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQiaoWXA+058RXPxPg6fy4IWvTNh0E263X"
7
8   <!-- search hotel er nil beguni design -->
9   <style>
10    body {
11      background: #28a745;
12      background: radial-gradient(circle, #28a745 10%, #28a745 100%);
13    }
14  </style>
15 </head>
16
17 <body>
18
19   <?php include 'user-navbar.php'?>
20
21   <?php
22     require_once('dbconnect.php');
23     $query = $_POST['query'];
24     $noresults = true;
25
26     if (!empty($query)) {
27       // Query to find the hotel id
28       $stmt = "SELECT h_id FROM Hotel h
29         WHERE h_name LIKE '%$query%' OR h_location LIKE '%$query%'";
30
31     $result = mysqli_query($conn, $stmt);
32     if (mysqli_num_rows($result) > 0) {
33       while ($row = mysqli_fetch_assoc($result)) {
34
35         // Finding the hotel name
36         $stmt2 = "SELECT h_name, h_location, h_email FROM Hotel WHERE h_id = " . $row["h_id"];
37         $result2 = mysqli_query($conn, $stmt2);
38         $row2 = mysqli_fetch_assoc($result2);
39
40         $Hotel_name = $row2["h_name"];
41         $Hotel_location = $row2["h_location"];
42         $Hotel_email = $row2["h_email"];
43
44     }
45   }
46
47   $stmt5 = "SELECT MAX(r_price) as max_price, MIN(r_price) as min_price FROM Room WHERE h_id = " . $row["h_id"];
48   $results = mysqli_query($conn, $stmt5);
49
50   if ($row5 = mysqli_fetch_assoc($results)) {
51     $max_price = $row5["max_price"];
52     $min_price = $row5["min_price"];
53   }
54
55   $noresults = false; // to make sure that the no results found jumbotron is not displayed
56   echo
57   //Printing Hotel Details first page ta
58   <div class="col-md-12 col-md-pull-3" style="border-style:groove; width:180px">
59
60     <div class="search-result-item-body">
61       <div class="row">
62         <div class="col-sm-9">
63           <a class="image-link" href="hotel_details.php?h_id=' . $row["h_id"] . '"></a>
64
65           <h4 class="search-result-item-heading"><a href="hotel_details.php?h_id=' . $row["h_id"] . '">' . $Hotel_name . '</a></h4>
66           <p class="info">Location: ' . $Hotel_location . '</p>
67           <p class="description">Email: ' . $Hotel_email . '</p>
68         </div>
69         <div class="col-sm-3 text-align-center" style="margin-top:9%">
70           <p class="value3 mt-sm-0" style="margin-top:9%">$min_price . TK - ' . $max_price . ' TK</p>
71           <p class="fs-mini text-muted">Per Night</p>
72           <a class="btn btn-primary btn-info btn-sm" href="hotel_details.php?h_id=' . $row["h_id"] . '">View Rooms</a>
73         </div>
74       </div>
75     </div>
76   </div> ';
77
78 }
79
80 if ($noresults) {
81   echo '<div class="jumbotron jumbotron-fluid">
82     <div class="container">
83       <p class="display-4">No Results Found</p>
84       <p class="lead"> Suggestions: <ul>
85         <li>Make sure that all words are spelled correctly.</li>
86         <li>Try different keywords.</li>
87         <li>Try more general keywords. </li></ul>
88     </div>
89   </div>';
90 }
91 mysqli_close($conn);
92
93 ?>
94
95 <!-- jQuery first, then Popper.js, then Bootstrap JS -->
96 <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtkvYIK3UEnzM7KCKr/rE9/Qpg6AZGjwFDMWA/GpFF93hXpG5KKN" crossorigin="anonymous"></script>
97 <script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.0/dist/umd/popper.min.js" integrity="sha384-ApNbgh8wYl2xWzB1j0UZVKl8+FXuHskik06rKc0Tu8+uJAJT50f3k9gZD9mjj4" crossorigin="anonymous"></script>
98 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U0UE+uJ6P+Q9J7uH+Iu0iCrwEzCkw6aakvXyGZGZ8hmg4Lw3" crossorigin="anonymous"></script>
99
100 </body>
101 </html>

```

Owner Sign-Up Front: This code generates a form for owners to sign up, complemented by CSS styling from the 'owner_signup_design.css' file for an appealing appearance. The form collects and stores data, particularly the owner's name, which is subsequently accessible from the backend.

User signup front(owner_signup_front.php)



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5
6
7     <title>Sign Up</title>
8     <link rel="stylesheet" href="owner_signup_design.css">
9 </head>
10 <body>
11     <!-- backend er sathe connection -->
12     <!-- class diye css -->
13     <form action="owner_signup_back.php" class="box" method="post">
14         <h1>Sign Up </h1>
15         <br>
16         <hr>
17
18         <input type="text" name="ho_name" placeholder="Name">
19         <input type="int" name="ho_number" placeholder="Phone Number">
20         <input type="text" name="ho_email" placeholder="Email">
21         <input type="text" name="ho_address" placeholder="Address">
22         <input type="text" name="ho_gender" placeholder="Gender">
23         <input type="password" name="ho_password" placeholder="Password">
24         <input type="submit" name="" value="Sign Up">
25         <!-- link to login page -->
26         <p class="message">Registered? <a href="owner_login_front.php">Log in here</a></p>
27     </form>
28
29 </body>
30 </html>
```

owner signup front.css

```
# owner_signup_design.css > .box h1

1 * {
2   margin: 0px;
3   padding: 0px;
4   box-sizing: border-box;
5 }
6
7 body{
8   margin: 0;
9   padding: 0;
10  font-family: sans-serif;
11  background: url("signup_background.png");
12  opacity: 0.92;
13  border-radius: 5px;
14 }
15
16 .box{
17   width: 400px;
18   padding: 40px;
19   position: absolute;
20   top: 50%;
21   left: 50%;
22   transform: translate(-50%, -50%);
23   background: #191919;
24   text-align: center;
25 }
26
27 .box h1{
28   color: white;
29   font-family: "Times New Roman";
30   letter-spacing: 2px;
31   text-transform: uppercase;
32   font-weight: 500;
33 }
34
35 .box input[type = "text"], .box input[type = "int"], .box input[type = "password"]){
36   border: 0;
37   background: none;
38   display: block;
39   margin: 20px auto;
40   text-align: center;
41   border: 2px solid #3498db;
42   padding: 14px 10px;
43   width: 200px;
44   outline: none;
45   color: white;
46   border-radius: 24px;
47   transition: 0.25s;
48 }
49
50 .box input[type = "text"]:focus, .box input[type = "password"]:focus, .box input[type = "int"]:focus{
51   width: 280px;
52   border-color: #2ecc71;
53 }
54
```

```

54 .box input[type = "submit"]{
55   border: 0;
56   background: none;
57   display: block;
58   margin: 20px auto;
59   text-align: center;
60   border: 2px solid #2ecc71;
61   padding: 14px 40px;
62   outline: none;
63   color: white;
64   border-radius: 24px;
65   transition: 0.25s;
66   cursor: pointer;
67 }
68
69 .box input[type = "submit"]:hover{
70   background: #2ecc71;
71 }
72
73 .box p{
74   color: grey;
75   font-family: arial,sans-serif;
76   font-size: 13px;
77 }
78
79
80 .box p:hover{
81   text-decoration: underline;
82   cursor: pointer;
83 }
84 }
```

Sign Up as User Back: Accessing the data which is passed from front and assigning relevant variables against it. For example it will store the user's name to \$name variable and so on. Using if condition checking if they fulfilled all necessary columns or not. Here \$stmt contains the sql query. There can be many ways a sql can be written, we choose this way because it prevents sql injection attacks.

owner_signup_back.php

```

... owner_signup_back.php x search_result.php # owner_signup_design.css hotel_confirm.php user-navbar.php logout.php dbconnect.php
○ ⓘ owner_signup_back.php
1 <?php
2
3 require_once('dbconnect.php');
4 // database er sathe dbconnect er database er connect er code
5 $name = $_POST['ho_name'];
6 $phone = $_POST['ho_number'];
7 $email = $_POST['ho_email'];
8 $password = $_POST['ho_password'];
9 $gender = $_POST['ho_gender'];
10 $address = $_POST['ho_address'];
11
12 if(!empty($name) && !empty($phone) && !empty($email) && !empty($password) && !empty($gender) && !empty($addr
jo-pn... 13 // sql query run
14 // null for auto increment
15 // ? readability
16 // aktao empty thakle else e jabe
17     $stmt = $conn->prepare("INSERT INTO users VALUES (NULL, ?, ?, ?, ?, ?, ?)");
18     $stmt->bind_param("ssssss", $name, $phone, $email, $password, $gender, $address);
19     $stmt->execute();
20     echo 'signup successful';
21     $stmt->close();
22     $conn->close();
23 } else {
24     echo "All fields are required";
25     die();
26 }
27
28 ?>

```

owner signup front.php

```

... owner_signup_back.php owner_login_front.php x search_result.php hotel_confirm.php user-navbar.php logout.php dbconnect.php
○ ⓘ owner_login_front.php
1
2 <!DOCTYPE html>
3 <html>
4 <head>
5     <meta charset="utf-8">
6     <title>Login</title>
7     <link rel="stylesheet" href="owner_login_design.css">
8 </head>
9 <body>
10
11     <form action="owner_login_back.php" class="box" method="post">
12         <h1>Login</h1>
13         <br>
14         <hr>
15         <input type="text" name="ho_email" placeholder="Email">
16         <input type="password" name="ho_password" placeholder="Password">
17         <input type="submit" name="" value="Login">
18         <p class="message">Not registered? <a href="owner_signup_front.php">Create an account</a></p>
19     </form>
20
21 </body>
22 </html>
23

```

owner signup front.php

```
... owner_signup_back.php # owner_login_design.css x search_result.php hotel_confirm.php user_navbar.php logout.php dbconnect.php
  # owner_login_design.css > *
1 * {
2   margin: 0px;
3   padding: 0px;
4   box-sizing: border-box;
5 }
6
7 body{
8   margin: 0;
9   padding: 0;
10  font-family: sans-serif;
11  background: url("signup_background.png");
12  opacity: 0.92;
13  border-radius: 5px;
14 }
15
16 .box{
17   width: 400px;
18   padding: 40px;
19   position: absolute;
20   top: 50%;
21   left: 50%;
22   transform: translate(-50%, -50%);
23   background: #191919;
24   text-align: center;
25 }
26
27 .box h1{
28   color: white;
29   font-family: "Times New Roman";
30   letter-spacing: 2px;
31   text-transform: uppercase;
32   font-weight: 500;
33 }
34
35 .box input[type = "text"], .box input[type = "password"]){
36   border: 0;
37   background: none;
38   display: block;
39   margin: 20px auto;
40   text-align: center;
41   border: 2px solid #3498db;
42   padding: 14px 10px;
43   width: 200px;
44   outline: none;
45   color: white;
46   border-radius: 24px;
47   transition: 0.25s;
48 }
49
50 .box input[type = "text"]:focus, .box input[type = "password"]:focus{
51   width: 280px;
52   border-color: #2ecc71;
53 }
54
```

```
54 .box input[type = "submit"]{  
55   border: 0;  
56   background: none;  
57   display: block;  
58   margin: 20px auto;  
59   text-align: center;  
60   border: 2px solid #2ecc71;  
61   padding: 14px 40px;  
62   outline: none;  
63   color: white;  
64   border-radius: 24px;  
65   transition: 0.25s;  
66   cursor: pointer;  
67 }  
68  
69 .box input[type = "submit"]:hover{  
70   background: #2ecc71;  
71 }  
72  
73 .box p{  
74   color: grey;  
75   font-family: arial,sans-serif;  
76   font-size: 13px;  
77 }  
78  
79  
80 .box p:hover{  
81   text-decoration: underline;  
82   cursor: pointer;  
83 }  
84 }
```

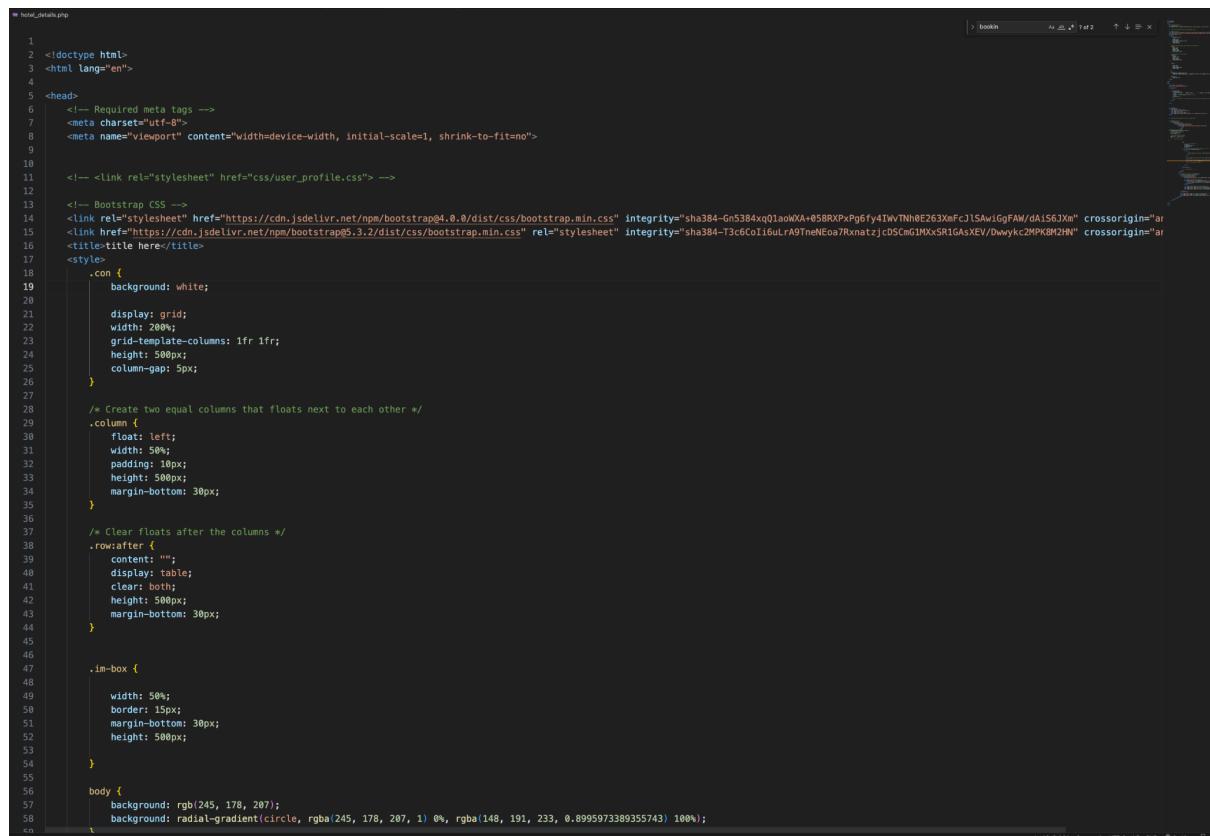
```
owner_login_back.php
1 <?php
2 // db connect e main connect deya
3 require_once('dbconnect.php');
4 $email = $_POST['ho_email'];
5 $password = $_POST['ho_password'];
6
7
8 if(!empty($email) && !empty($password)){
9
10     $stmt = $conn->prepare("SELECT * FROM users WHERE ho_email = ? AND ho_password = ?");
11     $stmt->bind_param("ss", $email, $password);
12     $stmt->execute();
13     $result = $stmt->get_result();
14
15
16 // result ashbe table rup e num_row can be max1 so i can write num_rows ==1
17
18     if($result->num_rows > 0){
19         // header("Location: page1.html");
20         header("Location: search_result.php");
21
22     } else {
23         echo 'Invalid email or password';
24     }
25     // not needed but good practise
26     $stmt->close();
27     $conn->close();
28 } else {
29     echo "All fields are required";
30     die();
31 }
32 ?>
```

```
logout.php
1 <?php
2 session_start();
3 session_unset();
4 session_destroy();
5 header("Location: owner_login_front.php");
6
7 ?>
```

Search Functionality: The search feature enables users to find their desired hotels based on either the name or location. In the event of no search results, effective error handling is implemented. The variable \$query represents the search term provided by the user.

The initial SQL query identifies the hotel ID. Subsequently, multiple queries are executed based on the hotel ID to retrieve relevant details. The use of a loop is essential to accommodate scenarios where there are multiple hotel IDs.

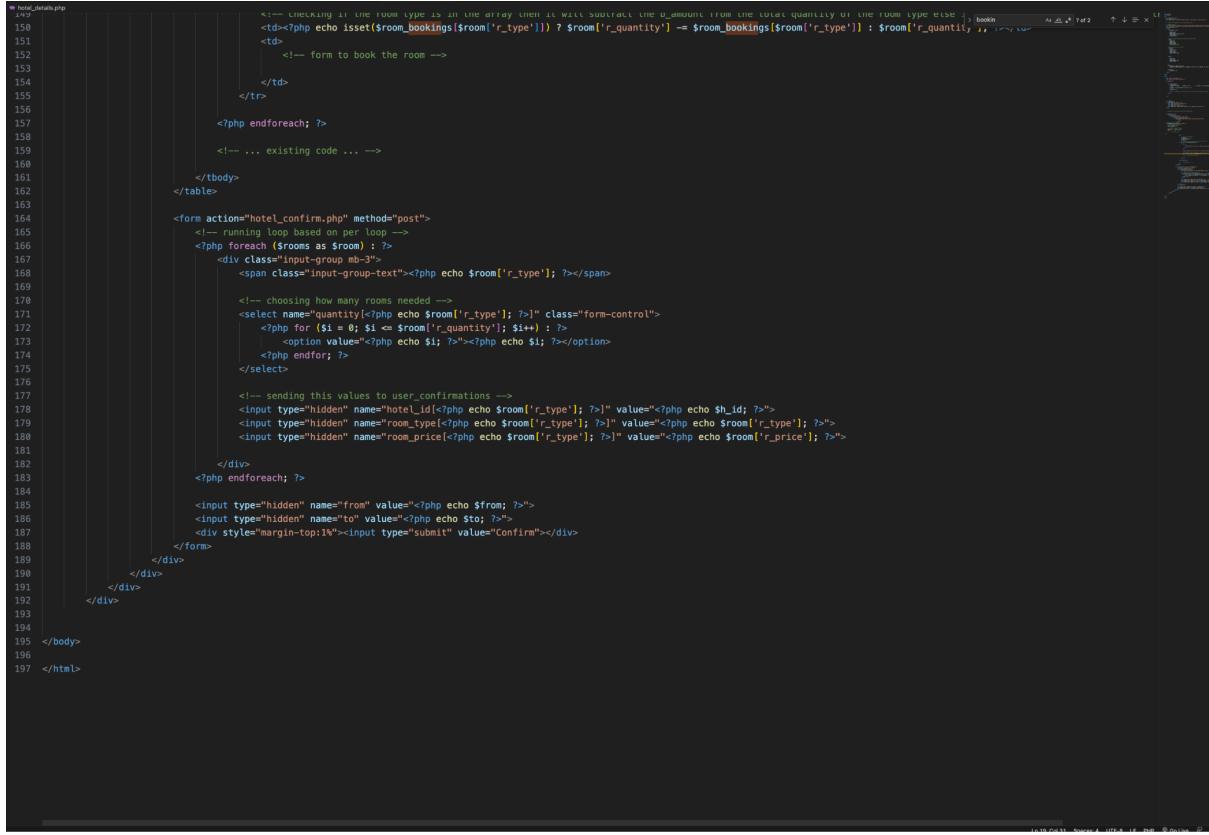
Hotel details.php



```
 1  // Hotel_details.php
 2  <!DOCTYPE html>
 3  <html lang="en">
 4
 5  <head>
 6      <!-- Required meta tags -->
 7      <meta charset="utf-8">
 8      <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
 9
10     <!-- <link rel="stylesheet" href="css/user_profile.css"> -->
11
12     <!-- Bootstrap CSS -->
13     <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQlaowXa+058RXPxPg6fy4IWvTNh0E263XeFcJ1SAwiGgFAW/dAI56JXM" crossorigin="anonymous">
14     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoI6uLrA9TneNeo7TxnatzjCDSCmGIMXxSR1GAsxEV/DwykC2MPK8H2Hw" crossorigin="anonymous">
15
16     <title> Hotel Details </title>
17
18     <style>
19         .con {
20             background: white;
21
22             display: grid;
23             width: 200px;
24             grid-template-columns: 1fr 1fr;
25             height: 500px;
26             column-gap: 5px;
27         }
28
29         /* Create two equal columns that floats next to each other */
30         .column {
31             float: left;
32             width: 50%;
33             padding: 10px;
34             height: 500px;
35             margin-bottom: 30px;
36         }
37
38         /* Clear floats after the columns */
39         .row::after {
40             content: "";
41             display: table;
42             clear: both;
43             height: 50px;
44             margin-bottom: 30px;
45         }
46
47         .im-box {
48
49             width: 50px;
50             border: 1px solid black;
51             margin-bottom: 30px;
52             height: 500px;
53         }
54
55         body {
56             background: radial-gradient(circle, #28a745, #28a745 10%, #ffc107 10%, #ffc107 100%);
57         }
58     </style>
59
60 
```

```

  hotel_details.php
  0001 <head>
  0002     <style>
  0003         body {
  0004             background: radial-gradient(circle, rgba(245, 178, 207), 0%, rgba(148, 191, 233, 0.8995973389355743) 100%);
  0005         }
  0006 
  0007         .ho-details {
  0008             margin-left: 55%
  0009         }
  0010     </style>
  0011 
  0012 </head>
  0013 
  0014 <body>
  0015 
  0016     <?php include 'user-navbar.php' ?>
  0017     <?php include 'hotel_details_back.php' ?>
  0018 
  0019     <div class="row">
  0020 
  0021         <div class="column">
  0022             <h2>Information</h2>
  0023             <h4>Hotel:<?php echo ' ' . $hotel['h_name'] . ' '> Location: <?php echo $hotel['h_location']; ?> Email: <?php echo $hotel['h_email'] . ' '></h4>
  0024             <p></p>
  0025             <p>Number: <?php echo $hotel['h_number']; ?></p>
  0026             <p></p>
  0027             <h2>Features</h2>
  0028             <ul>
  0029                 <!-- as feature is a multivalued item so using loop to displaying the values -->
  0030             </ul>
  0031         </div>
  0032 
  0033     </div>
  0034 
  0035 
  0036     <!-- Calendar -->
  0037     <form method="post">
  0038         <label for="from">From:</label>
  0039         <input type="date" id="from" name="from">
  0040         <label for="to">To:</label>
  0041         <input type="date" id="to" name="to">
  0042         <input type="submit" name="submit" target="_self" value="Check Availability">
  0043     </form>
  0044 
  0045 
  0046     <!-- checking room availability using the selected dates -->
  0047 
  0048     <div class="col-xl-12">
  0049         <div class="card">
  0050             <div class="card-body">
  0051                 <div class="row align-items-center">
  0052                     <div class="table-responsive px-3">
  0053                         <table class="table table-striped align-middle table nowrap">
  0054                             <tbody>
  0055 
  0056 new_details.php
  0056     <div class="table-responsive px-3">
  0057         <table class="table table-striped align-middle table nowrap">
  0058             <tbody>
  0059                 <tr>
  0060                     <?php
  0061                     // Check if form is submitted
  0062                     if ($_SERVER["REQUEST_METHOD"] == "POST") {
  0063                         // Get the from and to dates
  0064                         $from = $_POST['from'];
  0065                         $to = $_POST['to'];
  0066 
  0067                         // Print the from and to dates
  0068                         echo "From: " . $from . "<br>";
  0069                         echo "To: " . $to . "<br>";
  0070 
  0071                         // ... rest of your code ...
  0072                     }
  0073                 </tr>
  0074                 <tr>
  0075                     <!-- just column heading -->
  0076                     <th>Type</th>
  0077                     <th>Per Night Cost</th>
  0078                     <th>Quantity</th>
  0079                     <th></th>
  0080                     <!-- running loop to display all the rooms of a hotel -->
  0081                 </tr> <?php foreach ($rooms as $room) : ?>
  0082                     <tr>
  0083                         <td>
  0084                             <div>
  0085                                 <h5 class="font-size-18"><a href="ecommerce-product-detail.html" class="text-dark"><?php echo $room['r_type']; ?></a></h5>
  0086                             </div>
  0087                         </td>
  0088                         <td>
  0089                             <h3 class="mb-0 font-size-20"><span class="text-muted me-2"><?php echo $room['r_price']; ?></span><b><?php echo $room['r_type']; ?></b></h3>
  0090                         </td>
  0091                         <!-- checking if the room type is in the array then it will subtract the amount from the total quantity of the room type else it will show the total quantity of the room type -->
  0092                         <td><?php echo isset($room_bookings[$room['r_type']]) ? $room['r_quantity'] -= $room_bookings[$room['r_type']] : $room['r_quantity']; ?></td>
  0093                         <td>
  0094                             <!-- form to book the room -->
  0095                         </td>
  0096                     </tr>
  0097                 </tbody>
  0098             </table>
  0099 
  0100             <form action="hotel.confirm.php" method="post">
  0101                 <!-- running loop based on per loop -->
  0102                 <?php foreach ($rooms as $room) : ?>
  0103                     <div class="input-group mb-3">
  0104                         <span class="input-group-text"><?php echo $room['r_type']; ?></span>
  0105                         <!-- choosing how many rooms needed -->
  0106                         <input type="number" min="1" max="100" value="1" />
  0107                     </div>
  0108                 </?php endforeach; ?>
  0109             </form>
  0110         </div>
  0111     </div>
  0112 
```



```

 150      <td><?php echo isset($room_bookings[$room['r_type']]) ? $room['r_quantity'] - $room_bookings[$room['r_type']] : $room['r_quantity']; ?>
 151      <td>
 152          <!-- form to book the room -->
 153
 154      </td>
 155      </tr>
 156
 157      <?php endforeach; ?>
 158
 159      <!-- ... existing code ... -->
 160
 161  </tbody>
 162  </table>
 163
 164  <form action="hotel_confirm.php" method="post">
 165      <!-- running loop based on per loop -->
 166      <?php foreach ($rooms as $room) : ?>
 167          <div class="input-group mb-3">
 168              <span class="input-group-text"><?php echo $room['r_type']; ?></span>
 169
 170              <!-- choosing how many rooms needed -->
 171              <select name="quantity"><?php echo $room['r_type']; ?>" class="form-control">
 172                  <?php for ($i = 0; $i <= $room['r_quantity']; $i++) : ?>
 173                      <option value=<?php echo $i; ?>><?php echo $i; ?></option>
 174                  </?php endforeach; ?>
 175              </select>
 176
 177              <!-- sending this values to user_confirmations -->
 178              <input type="hidden" name="hotel_id" value=<?php echo $room['r_type']; ?>> value=<?php echo $h_id; ?>>
 179              <input type="hidden" name="room_type" value=<?php echo $room['r_type']; ?>> value=<?php echo $room['r_type']; ?>>
 180              <input type="hidden" name="room_price" value=<?php echo $room['r_type']; ?>> value=<?php echo $room['r_price']; ?>>
 181
 182          </div>
 183      <?php endforeach; ?>
 184
 185          <input type="hidden" name="from" value=<?php echo $from; ?>>
 186          <input type="hidden" name="to" value=<?php echo $to; ?>>
 187          <div style="margin-top:1%"><input type="submit" value="Confirm"></div>
 188      </form>
 189
 190  </div>
 191  </div>
 192</div>
 193
 194</body>
 195
 196</html>

```

Hotel Booking Process: Upon the customer's selection of a hotel, numerous SQL commands are executed to retrieve relevant information. To manage room availability, a condition is employed: if the selected check-in and check-out dates fall outside the range of all booking dates for the hotel, the full amount is displayed. Otherwise, the system calculates the total number of booked rooms by subtracting this count from the overall number of rooms available.

hotel_details_back.php

```


1 <?php
2 require_once('dbconnect.php');
3
4 if (isset($_GET['h_id'])) {
5     $h_id = $_GET['h_id'];
6
7     // sql query to find information based on the hotel id
8     $stmt1 = $conn->prepare("SELECT * FROM Hotel WHERE h_id = ?");
9     $stmt1->bind_param("i", $h_id);
10    $stmt1->execute();
11    $hotel = $stmt1->get_result()->fetch_assoc();
12
13
14    $stmt3 = $conn->prepare("SELECT * FROM Room WHERE h_id = ?");
15    $stmt3->bind_param("i", $h_id);
16    $stmt3->execute();
17    $rooms = $stmt3->get_result()->fetch_all(MYSQLI_ASSOC);
18}
19
20 if (isset($_POST['submit'])) {
21     $from = $_POST['from'];
22     $to = $_POST['to'];
23
24     // sql query to find b_from, b_to from booking table and used join query to get the h_id from booking table with the help of b_id
25     $stmt = $conn->prepare()
26     SELECT Booking_b_from, Booking_b_to, Books_room.h_id
27     FROM Booking
28     JOIN Books_room ON Booking.b_id = Books_room.b_id";
29     $stmt->execute();
30     $result = $stmt->get_result();
31     $bookings = $result->fetch_all(MYSQLI_ASSOC);
32
33
34
35    // array to store the count of how many rooms are booked based on the room type
36    $room_bookings = array();
37    $quantity = array();
38    $visited_b_ids = array();
39
40
41    // loop to check the amount of availability of the rooms
42    foreach ($bookings as $booking) {
43        // if the hotel id is same and b_from and b_to is in between the selected dates then it will execute the query
44        if ($booking['h_id'] == $h_id && !($booking['b_from'] < $from && $booking['b_to'] < $from) || ($booking['b_from'] > $to && $booking['b_to'] > $to)) {
45
46            // sql query to find the room type and b_amount from room table and used first join query to get the r_type and h_id from room table with the help of h_id and second join query to get the b_am
47
48            $stmt5 = $conn->prepare()
49            SELECT Books_room.r_type, Booking.b_amount, Booking.b_id
50            FROM Books_room
51            JOIN Booking ON Books_room.b_id = Booking.b_id
52            WHERE Books_room.h_id = ? AND Booking.b_from = ? AND Booking.b_to = ?
53            ";
54            $stmt5->bind_param("iss", $h_id, $booking['b_from'], $booking['b_to']);
55            $stmt5->execute();
56            $result = $stmt5->get_result();
57            while ($row = $result->fetch_assoc()) {
58                $quantity[] = $row;
59            }
60
61            foreach ($quantity as $booking) {
62                // if the room type is already in the array then it will add the b_amount to the previous b_amount else it will add the room type and b_amount to the array.
63                if (!in_array($booking['b_id'], $visited_b_ids)) {
64                    // Add the b_id to the visited array
65                    $visited_b_ids[] = $booking['b_id'];
66
67                    if (array_key_exists($booking['r_type'], $room_bookings)) {
68                        $room_bookings[$booking['r_type']] += $booking['b_amount'];
69                    } else {
70                        $room_bookings[$booking['r_type']] = $booking['b_amount'];
71                    }
72                }
73            }
74        }
75    }
76
77    // checking of how many rooms are available ended
78}


```

After click the submit button it appears and pay first ,we dont integrate payment gatewat

hotel_details_confirm .php

```
hotel_confirm.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Link with Icon</title>
7 </head>
8 <body>
9
10 <!-- Link with an icon -->
11 <a href="https://www.bkash.com/" target="_blank">
12    Pay First !!
13 </a>
14
15 </body>
16 </html>
17
```

DBconnect.php

```

dbconnect.php
1 <?php
2
3 $servername = "localhost";
4 $username = "root";
5 $password = "";
6 $dbname = "ok";
7
8 //creating connection
9
10 $conn = new mysqli($servername, $username, $password);
11
12 //check connection
13 if($conn->connect_error){
14     die("Connection failed: " . $conn->connect_error);
15 }
16 else{
17     mysqli_select_db($conn, $dbname);
18     // echo "Connection successful";
19 }
20
21 ?>

```

Users table

Showing rows 0 - 4 (total, query took 0.0002 seconds.)

`SELECT * FROM `users``

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

[Extra options](#)

			id	ho_name	ho_number	ho_email	ho_password	ho_gender	ho_address
<input type="checkbox"/>	Edit	Copy	Delete	1	abc	1537509262	abc@gmail.com	abc	male
<input type="checkbox"/>	Edit	Copy	Delete	2	rock	1537500000	rock@gmail.com	rock	male
<input type="checkbox"/>	Edit	Copy	Delete	3	hemel	1141131	hemel@gmail.com	hemel	male
<input type="checkbox"/>	Edit	Copy	Delete	4	badhon	1041040141	badhon@gmail.com	badhon	male
<input type="checkbox"/>	Edit	Copy	Delete	5	j	401401041	j@gmail.com	j	female

Check all With selected: Edit Copy Delete Export

Hotel table

Showing 1 rows (0 total, 0 query, 0sec execution)						
SELECT * FROM `Hotel`						
<input type="checkbox"/> Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]						
	<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key: None
Extra options						
	<input type="checkbox"/>	Edit	Copy	Delete	29	Oceanfront Haven Hotel 1812345678 ocean@gmail.com Himchari Road, Cox's Bazar Discover the epitome of coastal luxury at our Sea ...
	<input type="checkbox"/>	Edit	Copy	Delete	30	Seaside Serenity Inn 1723456789 seaside@gmail.com New Beach Road, Saint Martin Immerse yourself in the soothing rhythm of the wav...
	<input type="checkbox"/>	Edit	Copy	Delete	31	Cityscape Hotel 1345678901 cityscape@gmail.com Sayed Burhan Uddin Road, Sylhet Nestled amidst the lush green landscapes of Sylhet...
	<input type="checkbox"/>	Edit	Copy	Delete	32	Pearl Plaza Hotel 1856789012 pearl@gmail.com Gulshan, Dhaka Our hotel offers a seamless blend of contemporary ...
	<input type="checkbox"/>	Edit	Copy	Delete	33	Millennium Majesty Inn 1767890123 mmajesty@yahoo.com Badda, Dhaka Welcome to Millennium Majesty Inn, a premier hotel...
	<input type="checkbox"/>	Edit	Copy	Delete	34	Satkhira Serenity Resort 1389012345 ccharm@gmail.com Gosh Babu Para, Satkhira Discover tranquility at Satkhira Serenity Resort, ...
	<input type="checkbox"/>	Edit	Copy	Delete	35	Hemel Hotel 14141411 hemel@gmail.com Shymohil,Dhaka Best hotel in shymohil
	<input type="checkbox"/>	Edit	Copy	Delete	36	zonayed Hotel 14141411 z@gmail.com puran dhaka Nice hotel

Room table

Showing 1 rows (0 total, 0 query, 0sec execution)						
SELECT * FROM `Room`						
<input type="checkbox"/> Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]						
	<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key: None
Extra options						
	<input type="checkbox"/>	Edit	Copy	Delete	29	Family 5000 18
	<input type="checkbox"/>	Edit	Copy	Delete	29	Sea View 5000 8
	<input type="checkbox"/>	Edit	Copy	Delete	29	Standard 3500 60
	<input type="checkbox"/>	Edit	Copy	Delete	30	Delux 2500 13
	<input type="checkbox"/>	Edit	Copy	Delete	30	Standard 1500 17
	<input type="checkbox"/>	Edit	Copy	Delete	31	Double 900 25
	<input type="checkbox"/>	Edit	Copy	Delete	31	Family 1500 15
	<input type="checkbox"/>	Edit	Copy	Delete	31	Single 650 40
	<input type="checkbox"/>	Edit	Copy	Delete	31	Treehouse 6500 3
	<input type="checkbox"/>	Edit	Copy	Delete	32	Executive 10000 13
	<input type="checkbox"/>	Edit	Copy	Delete	32	Presidential 15000 6
	<input type="checkbox"/>	Edit	Copy	Delete	32	Suit 7800 24
	<input type="checkbox"/>	Edit	Copy	Delete	33	Delux 4900 70
	<input type="checkbox"/>	Edit	Copy	Delete	33	Standard 2500 50
	<input type="checkbox"/>	Edit	Copy	Delete	33	Suite 9300 4
	<input type="checkbox"/>	Edit	Copy	Delete	34	Delux 8700 6

For booking purpose

Server: localhost » Database: ok » Table: Books_room

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Tracking](#) [Triggers](#)

[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	b_id	int(11)	utf8mb4_general_ci		No	None			Change Drop More
2	r_type	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	h_id	int(11)	utf8mb4_general_ci		No	None			Change Drop More

↑ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#) [Add to central columns](#)

[Remove from central columns](#)

[Print](#) [Propose table structure](#) [Track table](#) [Move columns](#) [Normalize](#)

[Add](#) column(s) [after h_id](#) [Go](#)

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Server: localhost » Database: ok » Table: Booking

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	b_id	int(11)	utf8mb4_general_ci		No	None	AUTO_INCREMENT		Change Drop More
2	b_amount	int(11)	utf8mb4_general_ci		No	None			Change Drop More
3	b_from	date	utf8mb4_general_ci		No	None			Change Drop More
4	b_to	date	utf8mb4_general_ci		No	None			Change Drop More
5	p_id	int(11)	utf8mb4_general_ci		No	None			Change Drop More

↑ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#) [Add to central columns](#)

[Remove from central columns](#)

[Print](#) [Propose table structure](#) [Track table](#) [Move columns](#) [Normalize](#)

Source Code Repository

Source code-

https://drive.google.com/file/d/1LTYaHiFcKy69tv0CR9k3_wWO_DBuxKRE/view?usp=sharing

Conclusion

In essence, our Travel & Hotel Management System database adeptly addresses the intricacies of contemporary travel. Through an intuitive user interface, streamlined resource allocation, timely updates, robust data security, and scalability considerations, we have developed a comprehensive solution that enhances the experience for travelers, hotel owners, and tour guides alike. While this report outlines the project's scope and achievements, the journey toward a fully operational system remains ongoing.

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