

Hotel reservation system using PHP and MySQL

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Chapter1: Description of hotel system

YaminiSravanthiSowmya Hotel is a classic hotel located in NYC, which offers a comfortable and convenient stay in the heart of the city. Our rooms feature modern amenities and our staff is dedicated to providing exceptional service to ensure your stay is enjoyable. Our hotel website allows users to select check-in and check-out dates, select the number of rooms, and choose the number of adults and children. We are also validating the user's selection like the checkout date shall be later than the check-in date. A number of people shall be positive etc.

Our website only shows available rooms for the duration of the reservation. If there are no rooms available, then we notify the user about that. When these rooms are displayed, we have displayed images for different rooms available. It lists the price per night and the total cost for the stay period. A user can choose the room type they want.

The information of the available rooms is retrieved dynamically from our backend MySql database rather than complex code. After the user submits the request, our system stores reservation information in our database. There is a confirmation page that contains fields for a user to enter his/her name and correspondence information such as an address, street name, city, state, phone number, and email address. The room type, stay period, and cost of the stay

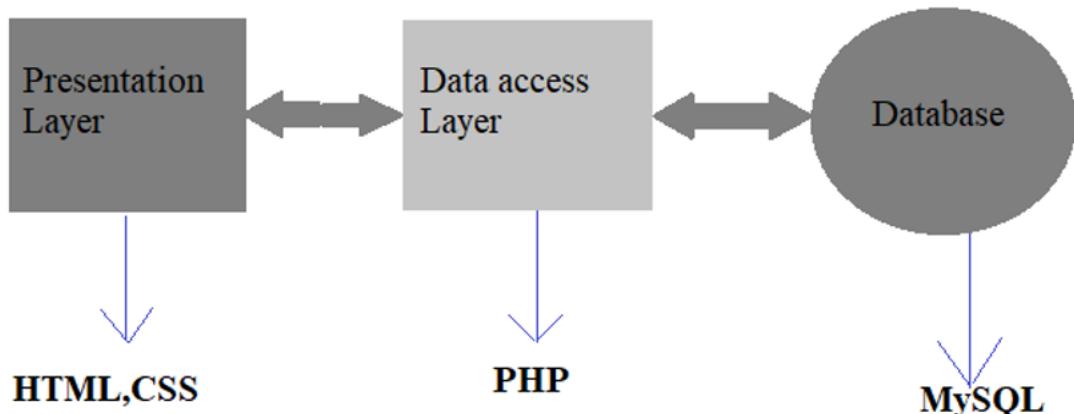
will be summarized and shown on this page. We have also included a confirmation number.

Our system will include a web-based admin system to allow hotel management to change the database content. Such as adding a new room, and changing how much to charge for a particular room type. We have also implemented a login/logout feature for the admin to protect our system, you must log in. We have added three pages as well namely Local attractions, Hotel Dining service, and shopping. Our system allows users to search for a reservation using the confirmation number and room_type

Chapter2: System components

System Design

The system includes SQL server to save the data on the database, PHP for the data access, and HTML, CSS for the presentation layer. The diagram displays the system layers:



Designing a hotel reservation website requires specific system components to ensure that the website functions correctly and meets the needs of the hotel and its customers. These are the components that we used in designing our website.

Database management system (DBMS): A DBMS is used to store and manage all the data related to hotel rooms, availability, pricing, and reservations.

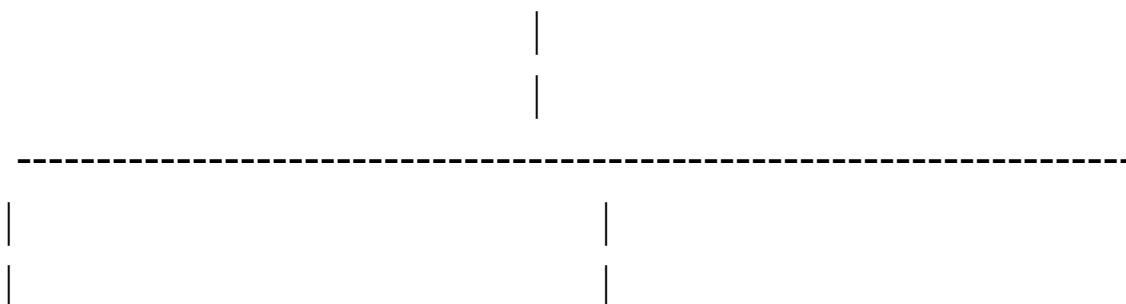
Reservation management system: This system is used to manage and update hotel room availability, pricing, and reservations. It ensures that there are no conflicts with room availability and manages the check-in and check-out process.

User management system: This system is used to manage user accounts and logins. It allows users to create an account, update their personal information, and view their reservation history.

Content management system (CMS): A CMS is used to manage the content on the website, including text, images, and videos. It allows the hotel staff to update information about the hotel's amenities, services, and policies.

Lets see the pictorial representation of the system components

Hotel Reservation System



DBMS	Booking	Services
- Hotel information	- Availability	
- Customer information	- Booking ID	
-Room Assignment	- Check-In-Date	
-Room Inventory	- Check-Out-Date	

Customer Overview

The user will be able to look for available rooms, view the rooms' images, and use the system's capabilities. Also, it displays the cost of each room. The customer can reserve the room of his or her choice.

Then, just click the "book now" button and complete all the necessary fields. The confirmation page will then display all the details.

Hotel Reservation System Goals

One of the primary objectives of an online hotel reservation system is to increase the global accessibility of a hotel website. Hotel owners have the option of launching a hotel website, allowing visitors from all over the world to view the site. The quantity of booking chances will consequently rise. Also, by allowing clients to quickly make reservations from home, it saves them time and effort. Additional objectives include showing the hotel's details, costs, and images. See the real-time room availability as well.

Chapter3: Implementation

Home.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Home Page</title>
<link rel="stylesheet" href="home.css">
</head>
<body>

    <header>
        <nav>
            <ul class="nav-links">
                <li id="name">YaminiSravanthiSowmyaPHP</li>
                <li><a href="Home.php">Home</a></li>
                <li><a href="local_attraction.php">Local
Attraction</a></li>
                <li><a href="Hotel_Dining.php">Hotel Dining
Service</a></li>
                <li><a href="Shopping.php">Shopping</a></li>
            </ul>
            <div class="hamburger">
                <div class="line"></div>
                <div class="line"></div>
                <div class="line"></div>
            </div>
        </nav>
    </header>

    <section class="introduction">
        <h1>Welcome to the YaminiSravanthiSowmya Hotel</h1>

        <p>Located at NYC, our hotel offers a comfortable and
convenient stay in the heart of the city. Our rooms feature modern
amenities and our staff is dedicated to providing exceptional service to
ensure your stay is enjoyable.</p>

        <div class="contact">

            <h1>Contact us </h1>
            <p> <span>Address:</span> 123 Main Street, New York, New
Jersey 08726</p>
            <p> <span>Phone:</span> +1 (555) 123-4567</p>
            <p> <span>Email:</span> info@yamsravsw.com</p>
        </div>
    </section>
</body>

```

```

        <p> <span>Directions:</span> From the airport, take
Highway 101 North and exit at Main Street. Turn right onto Main Street and
continue for two blocks. Our hotel will be on the left.</p>
<iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d48367.699621886
43!2d-74.22246558568894!3d40.740438615910534!2m3!1f0!2f0!3f0!3m2!1i1024!2i
768!4f13.1!3m3!1m2!1s0x89c2538cdf40ffff%3A0xdc3c46d2765f6a68!2sPerfect%20N
ear%20NYC!5e0!3m2!1sen!2sus!4v1678491745110!5m2!1sen!2sus" width="400"
height="300" style="border:0;" allowfullscreen="" loading="lazy"
referrerPolicy="no-referrer-when-downgrade"></iframe>
</div>
</section>
<section class="reservation">
<p class="headings">Reservation</p>

<p class="instructions">Please select your check-in and
check-out dates, number of rooms, and number of adults and children below.
We will show you the available rooms for your stay.</p>

<form action="home.php" method="post">

    <label for="checkin-date">Check-in date:</label>
    <input type="date" id="checkin-date" name="checkin-date"
class="tags" required>

    <label for="checkout-date">Check-out date:</label>
    <input type="date" id="checkout-date" name="checkout-date"
class="tags" required>

    <label for="num-rooms">Number of rooms:</label>
    <input type="number" id="num-rooms" name="num-rooms"
class="tags" min="1" max="10" required>

    <label for="num-adults">Number of adults:</label>
    <input type="number" id="num-adults" name="num-adults"
class="tags" min="1" max="4" required>

    <label for="num-children">Number of children:</label>
    <input type="number" id="num-children" name="num-children"
class="tags" min="0" max="4" required>

```

```

        <input type="submit" value="Search" class="button"
name="search">
        <!-- <p class="no_room_message">Invalid Inputs</p> -->

    </form>
<?php
ob_start();
include 'model.php';
$database = new Database();

// Get image data from database
$results = $database->display_available_rooms();
$results_length = count($results);

$days = 1;
if(isset($_POST['search']))
{

    $check_in = new DateTime($_POST['checkin-date']);
    $check_out = new DateTime($_POST['checkout-date']);

    $num_room = $_POST['num-rooms'];
    $num_adults = $_POST['num-adults'];
    $num_children = $_POST['num-children'];

    if($check_in > $check_out)
    {
        echo "Invalid Date";
    }
    else
    {
        $duration = $check_out->diff($check_in);
        $days = $duration->format('%d');
        // Print check-in date
        $check_in = $check_in->format('Y-m-d');
        $check_out = $check_out->format('Y-m-d');
    }
?>  <li><form method="get" action="SearchReservation.php">
```

```

<label for="confirmation_number">Enter confirmation number:</label>
<input type="text" name="confirmation_number" id="confirmation_number">
<button type="submit" name="search">Search</button>
</form>

</li>
<p class="headings">Available rooms</p>
<form action="home.php" method="post">
    <div class="available_rooms">
        <?php
            if($results_length>0)
            {
                foreach($results as $row)
                {
                    ?>
                    <div class="room">
                        
                        <div class="content">
                            <input type="hidden" name="room_id"
value="<?php echo $row['id']; ?>">
                            <input type="hidden" name="check_in"
value="<?php echo $check_in; ?>">
                            <input type="hidden" name="check_out"
value="<?php echo $check_out; ?>">
                            <label for="type">Room Type: </label>
                            <input type="text" name="room_type"
value="<?php echo $row['room_type']; ?>" readonly>
                            <label for="price">Price Per Night: </label>
                            <input type="text" name="price_per_night"
value="<?php echo $row['price_per_night']; ?>" readonly>
                            <label for="total_cost">Total Cost: </label>
                            <input type="text" name="total_cost"
value="<?php echo $row['price_per_night']*$days."$"; ?>" readonly>
                        </div>
                        <input type="submit" value="Book now" name="book"
class="button">
                    </div>

```

```

        <?php
        }
        ?>
</div>
<?php
}
else
{
?>
<p class="no_room_message">Sorry, no rooms available
for your selected dates.</p>
<?php
}
?>
</form>

</section>
<?php
}
if(isset($_POST['book']))
{
    $id = $_POST['room_id'];
    $type = $_POST['room_type'];
    $total_cost = $_POST['total_cost'];

    $check_in_date = $_POST['check_in'];
    $check_out_date = $_POST['check_out'];
    header("Location:
Confirmation_Page.php?id=$id&type=$type&total_cost=$total_cost&checkin=$ch
eck_in_date&checkout=$check_out_date");
    //echo '<a
href="Confirmation_Page.php?id='.$id.'&type='.$type.'&total_cost='.$total_
cost.'&checkin='.$check_in_date.'&checkout='.$check_out_date.'"></a>';
}
ob_end_flush();
?>
</body>
</html>

```

Add_room.php:

```
<?php
session_start();
if (!isset($_SESSION['authenticated'])) {
    // User has not passed through the login page, redirect to login page
    header('Location: Login.php');
    exit();
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Add New Room</title>
    <style>
        body {
            background-color: #f2f2f2;
            font-family: Arial, sans-serif;
        }

        header {
            background-color: #333;
            color: #fff;
            padding: 10px 20px;
            text-align: right;
        }

        header h1 {
            text-align: center;
        }

        header .cancel{
            float: right;
            color: #fff;
            border: none;
            background-color: #f44336;
            padding: 10px 15px;
            border-radius: 4px;
            cursor: pointer;
        }

        header .cancel:hover{
```

```
background-color: #d5392e;
}

.container {
    margin: 50px auto;
    width: 80%;
    padding: 50px;
    background-color: #fff;
    box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
}

form {
    margin-top: 30px;
}

label {
    display: block;
    margin-bottom: 10px;
}

input[type="text"], input[type="number"], input[type="file"]
,#room-type{
    padding: 8px;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
    width: 100%;
    margin-bottom: 20px;
}

button {
    background-color: #4CAF50;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}

button:hover {
```

```

        background-color: #45a049;
    }
    select {
        font-size: 16px;
        cursor: pointer;
    }

```

</style>

</head>

<body>

<header>

<h1>Add New Room</h1>

<form action="add_room.php" method="post">

<input type="submit" value="Cancel" name="cancel" class="cancel">

</form>

</header>

<div class="container">

<form method="post" action="process_add_room.php" enctype="multipart/form-data">

<label for="room-type">Room Type:</label>

<select id="room-type" name="room-type">

<option value="Standard Room">Standard Room</option>

<option value="Deluxe Room">Deluxe Room</option>

<option value="Suite">Suite</option>

</select>

<label for="children-space">Children Space:</label>

<input type="number" id="children-space" name="children-space" required>

<label for="adult-space">Adult Space:</label>

<input type="number" id="adult-space" name="adult-space" required>

<label for="price-per-night">Price per Night:</label>

<input type="number" id="price-per-night" name="price-per-night" required>

<label for="image">Select an image to upload:</label>

```

<input type="file" name="image" id="image">

<button type="submit" name="add_room_button">Add Room</button>
</form>

</div>

<?php
if(isset($_POST['cancel']))
{
    header("Location: admin_dashboard.php");
}
?>
</body>
</html>

```

Admin_dashboard.php:

```

<!DOCTYPE html>

<html>
<head>
    <title>Admin Dashboard</title>
    <style>
        body {
            background-color: #f2f2f2;
            font-family: Arial, sans-serif;
        }

        header {
            background-color: #333;
            color: #fff;
            padding: 10px 20px;
            text-align: right;
        }

        header .logout{
            float: right;

```

```
        color: #fff;
        border: none;
        background-color: #f44336;
        padding: 10px 15px;
        border-radius: 4px;
        cursor: pointer;
    }

    header .logout:hover{
        background-color: #d5392e;
    }

    header h1{
        text-align: center;
    }

.container {
    margin: 50px auto;
    width: 80%;
    padding: 50px;
    background-color: #fff;
    box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
}

h2 {
    color: #333;
    margin-bottom: 30px;
}

table {
    border-collapse: collapse;
    width: 100%;
}

th, td {
    text-align: left;
    padding: 8px;
}

tr:nth-child(even){background-color: #f2f2f2}

th {
```

```

        background-color: #4CAF50;
        color: white;
    }

    .button {
        background-color: #4CAF50;
        color: white;
        padding: 14px 20px;
        margin: 8px 0;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }

    .button:hover {
        background-color: #45a049;
    }

    #delete{
        background-color: rgb(237, 90, 90);
    }

    #delete:hover{
        background-color: rgb(237, 80, 80);
    }


```

</style>

</head>

<body>

```

<?php
    ob_start();
    session_start();
    if (!isset($_SESSION['authenticated'])) {
        // User has not passed through the login page, redirect to
login page
        header('Location: Login.php');

        exit();
    }
?>

```

```

<form action="admin_dashboard.php" method="post">

    <header>
        <h1>Admin Dashboard</h1>
        <input type="submit" value="Logout" name="logout"
    class="logout">
    </header>
    <div class="container">
        <h2>Manage Hotel Rooms</h2>
        <table>
            <tr>
                <th>Room Type</th>
                <th>Children Space</th>
                <th>Adult Space</th>
                <th>Price per Night</th>
                <th>Availability</th>
                <th>Edit Room</th>
                <th>Delete Room</th>
            </tr>
            <tr>
                <!-- PHP -->
                <?php
                    include 'model.php';

                    $database = new Database();

                    // Get image data from database
                    $results = $database->display_rooms();
                ?>

                <?php foreach($results as $row) { ?>
                    <tr>
                        <td><?php echo $row['room_type']; ?></td>
                        <td><?php echo $row['children_space']; ?></td>
                        <td><?php echo $row['adult_space']; ?></td>
                        <td><?php echo $row['price_per_night'].$"; ?>
                ?></td>

```

```

<td><?php echo $row['availability_status'];
?></td>
<input type="hidden" name="room_id" value=<?php
echo $row['id']; ?>">
<td><input type="submit" class="button" id="edit"
name="edit" value="Edit"></td>
<td><input type="submit" class="button"
id="delete" name="delete" value="Delete"></td>
</tr>
<?php
}

?>
<!-- PHP -->

<tr>
<td colspan="7"><input type="submit" class="button"
name="add_room" value="Add New Room"></td>
</tr>

</table>
</div>
</form>

<?php
if(isset($_POST['logout']))
{
    $_SESSION['authenticated'] = false;
    session_destroy();
    header("Location: Login.php");
}

if(isset($_POST['add_room']))
{
    header("Location: add_room.php");
}

```

```

if(isset($_POST['delete']))
{
    $id = $_POST['room_id'];
    header("Location: delete_room.php?id=$id");
}

if(isset($_POST['edit']))
{
    $id = $_POST['room_id'];
    header("Location: edit_room.php?id=$id");
}
ob_end_flush();
?>
</body>
</html>

```

confirmation_Details.php:

```

<!DOCTYPE html>
<html>
<head>
    <title>Confirmation Details</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f2f2f2;
        }
        .container {
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
            background-color: #fff;
            box-shadow: 0px 0px 10px rgba(0,0,0,0.3);
            border-radius: 10px;
            text-align: center;
        }
        h1 {
            font-size: 32px;
            margin-top: 0;
        }
        table {
            margin: 20px auto;

```

```

        border-collapse: collapse;
        width: 100%;
    }
    th, td {
        padding: 10px;
        text-align: left;
        border-bottom: 1px solid #ddd;
    }
    th {
        background-color: #f2f2f2;
    }
    .confirmation-number {
        margin-top: 20px;
        font-size: 24px;
        font-weight: bold;
        text-align: center;
        color: #1a1a1a;
    }

```

</style>

</head>

<body>

<?php

```

$name = $_GET['name'];
$address = $_GET['address'];
$street_name = $_GET['street'];
$city = $_GET['city'];
$state = $_GET['state'];
$number = $_GET['num'];
$email = $_GET['email'];
$type = $_GET['type'];
$check_in = $_GET['check-in'];
$check_out = $_GET['check-out'];
$cost = $_GET['cost'];
$confirmation_num = $_GET['confirmation_num'];
?>
```

<div class="container">

<h1>Confirmation Details</h1>

<table>

<tr>

<th>User Name</th>

<td><?php echo \$name; ?></td>

</tr>

<tr>

<th>Address</th>

<td><?php echo \$address; ?></td>

</tr>

<tr>

<th>Street Name</th>

<td><?php echo \$street_name; ?></td>

```

        </tr>
<tr>
    <th>City</th>
    <td><?php echo $city; ?></td>
</tr>
<tr>
    <th>State</th>
    <td><?php echo $state; ?></td>
</tr>
<tr>
    <th>Phone Number</th>
    <td><?php echo $number; ?></td>
</tr>
<tr>
    <th>Email</th>
    <td><?php echo $email; ?></td>
</tr>
<tr>
    <th>Room Type</th>
    <td><?php echo $type; ?></td>
</tr>
<tr>
    <th>Stay Period</th>
    <td><?php echo $check_in; ?> to <?php echo $check_out; ?></td>
</tr>
<tr>
    <th>Cost of Stay</th>
    <td><?php echo $cost; ?></td>
</tr>
</table>
<div class="confirmation-number">Confirmation Number: <?php echo $confirmation_num;
?></div>
</div>
</body>
</html>

```

confirmation_Page.css:

```

* {
    margin: 0;
    padding: 0;
}

.container{
    padding: 30px;
    display: grid;
    grid-template-columns: 1fr;
}

```

```

        grid-gap: 3rem;
        justify-items: center;
    }

.container h1{
    font-size: 45px;
}

.container p{
    font-size: 23px;
    color: green;
    font-weight: 700;
}

.container form{
    display: grid;
    grid-template-columns: 1fr;
    grid-gap: 1rem;
    width: 60%;
}

.container form label{
    font-size: 18px;
}

.container form .tags{
    height: 30px;
}

.container form .button{
    width: 150px;
    height: 40px;
    border-radius: 20px;
    justify-self: center;
}

.container form .button:hover{
    cursor: pointer;
    background-color: black;
    color: white;
}

```

Confirmation_page.php:

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Confirmation</title>

    <link rel="stylesheet" href="Confirmation_Page.css">
</head>
<body>
    <?php
        $id = $_GET['id'];
        $type = $_GET['type'];
        $total_cost = $_GET['total_cost'];
        $check_in_date = $_GET['checkin'];
        $check_out_date = $_GET['checkout'];

        $confirmation_number = random_int(10000, 99999);
    ?>
    <div class="container">

        <h1>Confirmation</h1>

        <p>Thank you for choosing the Johnson Hotel! Please enter your information below to confirm your reservation.</p>

        <form action="Process_Confirmation_Page.php" method="post">

            <input type="hidden" name="room_id" value="<?php echo $id;
?>">

            <label for="name">Name:</label>
            <input type="text" id="name" name="name" class="tags"
required>

            <label for="address">Address:</label>
            <input type="text" id="address" name="address" class="tags"
required>

            <label for="street">Street name:</label>

```

```

        <input type="text" id="street" name="street" class="tags"
required>

        <label for="city">City:</label>
        <input type="text" id="city" name="city" class="tags"
required>

        <label for="state">State:</label>
        <input type="text" id="state" name="state" class="tags"
required>

        <label for="phone">Phone number:</label>
        <input type="tel" id="phone" name="phone" class="tags"
required>

        <label for="email">Email:</label>
        <input type="email" id="email" name="email" class="tags"
required>

        <label for="confirmation-num">Confirmation number:</label>
        <input type="text" id="confirmation-num"
name="confirmation-num" class="tags" value=<?php echo
$confirmation_number; ?>" readonly>

        <label for="room-type">Room type:</label>
        <input type="text" id="room-type" name="room-type"
class="tags" value=<?php echo $type; ?>" readonly>

        <label for="checkin-date">Check-in date:</label>
        <input type="text" id="checkin-date" name="checkin-date"
class="tags" value=<?php echo $check_in_date; ?>" readonly>

        <label for="checkout-date">Check-out date:</label>
        <input type="text" id="checkout-date" name="checkout-date"
value=<?php echo $check_out_date; ?>" class="tags" readonly>

        <label for="total-cost">Total cost:</label>
        <input type="text" id="total-cost" name="total-cost"
class="tags" value=<?php echo $total_cost; ?>" readonly>

```

```
        <input type="submit" value="Confirm" name="confirm">
    </div>

</body>
</html>
```

Delete_room.php:

```
<?php  
include 'model.php';  
  
$room_id = $_GET['id'];  
  
$database = new Database();  
$database->deleteRoom($room_id);  
?>
```

Edit room.php:

```
<!DOCTYPE html>

<html>
<head>
    <title>Edit Room</title>
    <style>
        body {
            background-color: #f2f2f2;
            font-family: Arial, sans-serif;
        }

        .container {
            margin: 50px auto;
            width: 50%;
            padding: 50px;
            background-color: #fff;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>Edit Room</h1>
        <p>This is the edit room page. You can edit the room details here.</p>
        <form>
            <label>Room Name:</label>
            <input type="text" value="Living Room" />
            <label>Room Type:</label>
            <input type="text" value="Living Room" />
            <label>Room Description:</label>
            <input type="text" value="A comfortable living room with a sofa, coffee table, and television." />
            <label>Room Capacity:</label>
            <input type="text" value="5" />
            <label>Room Price:</label>
            <input type="text" value="100" />
            <label>Room Status:</label>
            <input type="checkbox" checked="" /> Available
            <input type="checkbox" /> Unavailable
            <input type="button" value="Save" />
        </form>
    </div>
</body>
</html>
```

```

        h2 {
            color: #333;
            margin-bottom: 30px;
        }

        input[type=text], select {
            width: 100%;
            padding: 12px 20px;
            margin: 8px 0;
            display: inline-block;
            border: 1px solid #ccc;
            border-radius: 4px;
            box-sizing: border-box;
        }

        input[type=submit] {
            background-color: #4CAF50;
            color: white;
            padding: 14px 20px;
            margin: 8px 0;
            border: none;
            border-radius: 4px;
            cursor: pointer;
        }

        input[type=submit]:hover {
            background-color: #45a049;
        }

    </style>
</head>
<body>

<?php
    // Get the room ID from the URL parameter
    $id = $_GET['id'];

    // Load the room data from the database
    include 'model.php';

```

```

$database = new Database();
$room = $database->get_room_by_id($id);

?>

<div class="container">
    <h2>Edit Room</h2>
    <form action="process_edit_room.php" method="post">
        <input type="hidden" name="id" value="<?php echo $room['id']; ?>">
        <label for="room_type">Room Type</label>
        <select id="room_type" name="room_type">
            <option value="Standard Room" <?php if($room['room_type'] == 'Standard Room') echo 'selected'; ?>>Standard Room</option>
            <option value="Deluxe Room" <?php if($room['room_type'] == 'Deluxe Room') echo 'selected'; ?>>Deluxe Room</option>
            <option value="Suite" <?php if($room['room_type'] == 'Suite') echo 'selected'; ?>>Suite</option>
        </select>

        <label for="children_space">Children Space</label>
        <input type="text" id="children_space" name="children_space" value="<?php echo $room['children_space']; ?>">

        <label for="adult_space">Adult Space</label>
        <input type="text" id="adult_space" name="adult_space" value="<?php echo $room['adult_space']; ?>">

        <label for="price_per_night">Price per Night</label>
        <input type="text" id="price_per_night" name="price_per_night" value="<?php echo $room['price_per_night']; ?>">

        <label for="availability_status">Availability</label>
        <select id="availability_status" name="availability_status">
            <option value="Free" <?php if($room['availability_status'] == 'Free') echo 'selected'; ?>>Free</option>
            <option value="Used" <?php if($room['availability_status'] == 'Used') echo 'selected'; ?>>Used</option>
        </select>

        <input type="submit" value="Save Changes" name="save">

```

```
        </form>
    </div>

</body>
</html>
```

Home.css:

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Lato', sans-serif;
    color: black;
}

header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0px 5%;
    position: fixed;
    width: 100%;
    height: 100px;
    top: 0;
    z-index: 1;
    background-color: rgb(0, 0, 0);
}

nav {
    display: flex;
    align-items: center;
}

.nav-links {
    display: flex;
    justify-content: space-between;
    align-items: center;
    width: 50%;
```

```
}

.nav-links li {
    list-style: none;
    font-size: 25px;
    color: lightgray;
}

.nav-links a {
    color: white;
    font-size: 16px;
    font-weight: 500;
    text-decoration: none;
    text-transform: uppercase;
    padding: 0 15px;
}

.nav-links a:hover{
    color: rgb(231, 218, 218);
    font-size: 20px;
    transition: all 0.4s ease;
}

.hamburger {
    display: none;
    cursor: pointer;
}

.hamburger div {
    width: 25px;
    height: 3px;
    background-color: white;
    margin: 5px;
    transition: all 0.3s ease;
}

@media screen and (max-width: 1000px) {
    header{
        padding: 0px 4%;
    }
    nav{
```

```
width: 100%;

display: grid;
grid-template-columns: 1fr 1fr;
}

.nav-links {
position: fixed;
right: 0px;
height: 80vh;
top: 110px;
background-color: white;
display: grid;
grid-template-columns: 1fr;
padding: 0 20px;
align-content: flex-start;
width: 60%;
transform: translateX(-200%);
transition: transform 0.5s ease-in;
}

.nav-links li {
margin-top: 50px;
opacity: 0;
width: 100%;
}

.nav-links #name{
padding: 0px 10px;
color: #587ae8;
font-weight: 600;
font-size: 25px;
}

.nav-links li a{
color: black;
}

.nav-links a:active{
color: #587ae8;
}

.hamburger {
display: block;
justify-self: flex-end;
```

```
}

.nav-active {
    transform: translateX(-67%);
}

.nav-links li {
    opacity: 1;
    transition: opacity 0.5s ease-in;
}
.logo{
    justify-self: flex-start;
}
}

@media screen and (min-width: 1000px) {
    .hamburger {
        display: none;
    }

    .nav-links {
        width: auto;
    }

    .nav-links li {
        margin: 0 10px;
    }
}

@media screen and (max-width: 450px){
    .nav-links li a{
        font-size: 14px;
    }
}

/* Intro Section */
.introduction{
    margin-top: 100px;
    padding: 50px;
    display: grid;
    grid-template-columns: 1fr;
```

```
grid-gap: 3rem;
justify-items: center;
background-color: rgb(228, 221, 207);
}

.introduction h1{
  font-size: 35px;
}

.introduction p{
  width: 70%;
  text-align: start;
  font-size: 18px;
}

.introduction .contact{
  width: 70%;
  display: grid;
  grid-template-columns: 1fr;
  grid-gap: 2rem;
}

.introduction .contact h1{
  text-align: center;
  font-size: 30px;
}

.introduction .contact p span{
  text-decoration: underline;
}

/* Reservation Section */

.reservation{
  padding: 50px;
  display: grid;
  grid-template-columns: 1fr;
  grid-gap: 1rem;
  justify-items: center;
  background-color: rgb(128, 240, 206)
}

.reservation .instructions{
  font-size: 18px;
  width: 70%;
  color: green;
}
```

```
.reservation form{
    display: grid;
    grid-template-columns: 1fr;
    grid-gap: 1rem;
    width: 75%;
}

.reservation form label{
    font-size: 18px;
}

.reservation form .tags{
    height: 30px;
}

.reservation form .button{
    width: 150px;
    height: 40px;
    border-radius: 20px;
    justify-self: center;
}

.reservation form .button:hover{
    cursor: pointer;
    background-color: black;
    color: white;
}

.reservation .headings{
    font-size: 30px;
    text-align: center;
    font-weight: 600;
}

.reservation .no_room_message{
    color: red;
    font-size: 20px;
    text-align: center;
}

.reservation .available_rooms{
    display: grid;
    grid-template-columns: 1fr 1fr 1fr;
    grid-gap: 2rem;
}
```

```

.reservation .available_rooms .room{
    display: grid;
    grid-template-columns: 1fr;
    grid-gap: 1rem;
    padding: 20px;
    background-color: white;
    box-shadow: 2px 2px 2px 2px black;
}

.reservation .available_rooms .room .content{
    display: grid;
    grid-template-columns: 1fr 1fr;
    grid-gap: 0.8rem;
}

.reservation .available_rooms .room img{
    width: 100%;
    height: 170px;
}

.reservation form .available_rooms .room .content label{
    font-size: 16px;
    font-weight: 600;
}

.reservation form .available_rooms .room .content input[type='text']){
    font-size: 16px;
    border: none;
    font-weight: bold;
    color: darkblue;
}

```

hotel_Dining.php:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Hotel Dining Service</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- Bootstrap CSS -->

```

```
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
      <!-- Custom CSS -->
<style>
  * {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Lato', sans-serif;
    color: black;
  }

  header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 0px 5%;
    position: fixed;
    width: 100%;
    height: 100px;
    top: 0;
    z-index: 1;
    background-color: rgb(0, 0, 0);
  }

  nav {
    display: flex;
    align-items: center;
  }

  .nav-links {
    display: flex;
    justify-content: space-between;
    align-items: center;
    width: 50%;
  }

  .nav-links li {
    list-style: none;
  }
</style>
```

```
    font-size: 25px;
    color: lightgray;
}

.nav-links a {
    color: white;
    font-size: 16px;
    font-weight: 500;
    text-decoration: none;
    text-transform: uppercase;
    padding: 0 15px;
}
.nav-links a:hover{
    color: rgb(231, 218, 218);
    font-size: 20px;
    transition: all 0.4s ease;
}
.hamburger {
    display: none;
    cursor: pointer;
}

.hamburger div {
    width: 25px;
    height: 3px;
    background-color: white;
    margin: 5px;
    transition: all 0.3s ease;
}

@media screen and (max-width: 1000px) {
    header{
        padding: 0px 4%;
    }
    nav{
        width: 100%;
        display: grid;
        grid-template-columns: 1fr 1fr;
    }
}
```

```
.nav-links {  
    position: fixed;  
    right: 0px;  
    height: 80vh;  
    top: 110px;  
    background-color: white;  
    display: grid;  
    grid-template-columns: 1fr;  
    padding: 0 20px;  
    align-content: flex-start;  
    width: 60%;  
    transform: translateX(-200%);  
    transition: transform 0.5s ease-in;  
}  
  
.nav-links li {  
    margin-top: 50px;  
    opacity: 0;  
    width: 100%;  
}  
.nav-links #name{  
    padding: 0px 10px;  
    color: #587ae8;  
    font-weight: 600;  
    font-size: 25px;  
}  
.nav-links li a{  
    color: black;  
}  
.nav-links a:active{  
    color: #587ae8;  
}  
  
.hamburger {  
    display: block;  
    justify-self: flex-end;  
}  
  
.nav-active {  
    transform: translateX(-67%);
```

```

}

.nav-links li {
    opacity: 1;
    transition: opacity 0.5s ease-in;
}
.logo{
    justify-self: flex-start;
}
}

@media screen and (min-width: 1000px) {
.hamburger {
    display: none;
}

.nav-links {
    width: auto;
}

.nav-links li {
    margin: 0 10px;
}
}

@media screen and (max-width: 450px) {
.nav-links li a{
    font-size: 14px;
}
.container{
    margin-top: 100px;
}
}

</style>
</head>
<body>
<header>
<nav>
<ul class="nav-links">
<li id="name">yaminisravanthiasowmyaPHP</li>
<li><a href="Home.php">Home</a></li>

```

```

        <li><a href="local_attraction.php">Local
Attraction</a></li>
        <li><a href="Hotel_Dining.php">Hotel Dining
Service</a></li>
        <li><a href="Shopping.php">Shopping</a></li>
    </ul>
    <div class="hamburger">
        <div class="line"></div>
        <div class="line"></div>
        <div class="line"></div>
    </div>
</nav>
</header>
<!-- Page Content --&gt;
&lt;div class="container"&gt;
    &lt;h1 class="my-4"&gt;Hotel Dining Service&lt;/h1&gt;
    &lt;div class="row"&gt;
        &lt;div class="col-md-4 mb-4"&gt;
            &lt;div class="card"&gt;
                &lt;img class="card-img-top" src="hotel1.jfif" alt="Card image cap"
width=350 height=200&gt;
                &lt;div class="card-body"&gt;
                    &lt;h5 class="card-title"&gt;Restaurant Name&lt;/h5&gt;
                    &lt;p class="card-text"&gt;Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Pellentesque vel ullamcorper nulla, a malesuada ipsum.
Vestibulum lobortis velit et quam consequat, non laoreet tortor
ullamcorper. Sed vel magna ac arcu blandit bibendum. Integer nec nisi ac
sapien finibus sollicitudin vel nec turpis. &lt;/p&gt;
                    &lt;a href="#" class="btn btn-primary"&gt;Learn More&lt;/a&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;
        &lt;div class="col-md-4 mb-4"&gt;
            &lt;div class="card"&gt;
                &lt;img class="card-img-top" src="hotel2.jfif" alt="Card image cap"
width=350 height=200&gt;
                &lt;div class="card-body"&gt;
                    &lt;h5 class="card-title"&gt;Restaurant Name&lt;/h5&gt;
                    &lt;p class="card-text"&gt;Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Pellentesque vel ullamcorper nulla, a malesuada ipsum.
</pre>

```

```

Vestibulum lobortis velit et quam consequat, non laoreet tortor
ullamcorper. Sed vel magna ac arcu blandit bibendum. Integer nec nisi ac
sapien finibus sollicitudin vel nec turpis. </p>
    <a href="#" class="btn btn-primary">Learn More</a>
</div>
</div>
</div>
<div class="col-md-4 mb-4">
    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Restaurant Name</h5>
            <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Pellentesque vel ullamcorper nulla, a malesuada ipsum.
Vestibulum lobortis velit et quam consequat, non laoreet tortor
ullamcorper. Sed vel magna ac arcu blandit bibendum. Integer nec nisi ac
sapien finibus sollicitudin vel nec turpis. </p>
            <a href="#" class="btn btn-primary">Learn More</a>
        </div>
        </div>
    </div>
</div>

<div class="row">
    <div class="col-md-4 mb-4">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Restaurant Name</h5>
                <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Pellentesque vel ullamcorper nulla, a malesuada ipsum.
Vestibulum lobortis velit et quam consequat, non laoreet tortor
ullamcorper. Sed vel magna ac arcu blandit bibendum. Integer nec nisi ac
sapien finibus sollicitudin vel nec turpis. </p>
                <a href="#" class="btn btn-primary">Learn More</a>
            </div>
        </div>
    </div>
</div>

```

```
<div class="col-md-4 mb-4">
    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Restaurant Name</h5>
            <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Pellentesque vel ullamcorper nulla, a malesuada ipsum.
Vestibulum lobortis velit et quam consequat, non laoreet tortor
ullamcorper. Sed vel magna ac arcu blandit bibendum. Integer nec nisi ac
sapien finibus sollicitudin vel nec turpis. </p>
            <a href="#" class="btn btn-primary">Learn More</a>
        </div>
    </div>
</div>
<div class="col-md-4 mb-4">
    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Restaurant Name</h5>
            <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Pellentesque vel ullamcorper nulla, a malesuada ipsum.
Vestibulum lobortis velit et quam consequat, non laoreet tortor
ullamcorper. Sed vel magna ac arcu blandit bibendum. Integer nec nisi ac
sapien finibus sollicitudin vel nec turpis. </p>
            <a href="#" class="btn btn-primary">Learn More</a>
        </div>
    </div>
</div>
</div>

</body>
</html>
```

Local_attraction.css

```
* {  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;  
    font-family: 'Lato', sans-serif;  
    color: black;  
}  
  
header {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    padding: 0px 5%;  
    position: fixed;  
    width: 100%;  
    height: 100px;  
    top: 0;  
    z-index: 1;  
    background-color: rgb(0, 0, 0);  
}  
  
nav {  
    display: flex;  
    align-items: center;  
}  
  
.nav-links {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    width: 50%;  
}  
  
.nav-links li {  
    list-style: none;  
    font-size: 25px;  
    color: lightgray;  
}
```

```
}

.nav-links a {
  color: white;
  font-size: 16px;
  font-weight: 500;
  text-decoration: none;
  text-transform: uppercase;
  padding: 0 15px;
}
.nav-links a:hover{
  color: rgb(231, 218, 218);
  font-size: 20px;
  transition: all 0.4s ease;
}
.hamburger {
  display: none;
  cursor: pointer;
}

.hamburger div {
  width: 25px;
  height: 3px;
  background-color: white;
  margin: 5px;
  transition: all 0.3s ease;
}

@media screen and (max-width: 1000px) {
  header{
    padding: 0px 4%;
  }
  nav{
    width: 100%;
    display: grid;
    grid-template-columns: 1fr 1fr;
  }
  .nav-links {
    position: fixed;
```

```
    right: 0px;
    height: 80vh;
    top: 110px;
    background-color: white;
    display: grid;
    grid-template-columns: 1fr;
    padding: 0 20px;
    align-content: flex-start;
    width: 60%;
    transform: translateX(-200%);
    transition: transform 0.5s ease-in;
}

.nav-links li {
    margin-top: 50px;
    opacity: 0;
    width: 100%;
}
.nav-links #name{
    padding: 0px 10px;
    color: #587ae8;
    font-weight: 600;
    font-size: 25px;
}
.nav-links li a{
    color: black;
}
.nav-links a:active{
    color: #587ae8;
}

.hamburger {
    display: block;
    justify-self: flex-end;
}

.nav-active {
    transform: translateX(-67%);
}
```

```
.nav-links li {
    opacity: 1;
    transition: opacity 0.5s ease-in;
}

.logo{
    justify-self: flex-start;
}

}

@media screen and (min-width: 1000px) {
    .hamburger {
        display: none;
    }

    .nav-links {
        width: auto;
    }

    .nav-links li {
        margin: 0 10px;
    }
}

@media screen and (max-width: 450px) {
    .nav-links li a{
        font-size: 14px;
    }
}

main {
    margin-top: 100px;
    padding: 20px;
}

section {
    margin-bottom: 40px;
}

section h2 {
```

```
    font-size: 24px;
    margin-bottom: 20px;
}

.image-container {
    display: flex;
    flex-wrap: wrap;
}

.image-container img {
    width: 33.33%;
    padding: 10px;
}

form {
    display: flex;
    flex-direction: column;
}

label {
    font-size: 16px;
    margin-bottom: 10px;
}

input, textarea {
    padding: 10px;
    margin-bottom: 20px;
    border: 1px solid #ccc;
    border-radius: 4px;
}

button {
    background-color: #333;
    color: #fff;
    padding: 10px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
```

```

button:hover {
    background-color: #666;
}

#local-info{
    display: grid;
    grid-template-columns: 1fr;
}

#local-info h2{
    text-align: center;
}

#local-info ul{
    list-style: none;
}

```

Local_attraction.php:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Local Attraction - My City</title>

    <link rel="stylesheet" href="local_attraction.css">
<header>
    <nav>
        <ul class="nav-links">
            <li id="name">yaminisravanhiasowmyaPHP</li>
            <li><a href="Home.php">Home</a></li>
            <li><a href="local_attraction.php">Local Attraction</a></li>
            <li><a href="Hotel_Dining.php">Hotel Dining Service</a></li>
            <li><a href="Shopping.php">Shopping</a></li>
        </ul>
        <div class="hamburger">
            <div class="line"></div>
            <div class="line"></div>
            <div class="line"></div>
        </div>
    </nav>
</header>

```

```
</nav>
</header>

<main>
  <section id="about">
    <h2>About the Attraction</h2>
    <p>
      Attraction refers to the feeling of being drawn towards someone or something, either emotionally or physically. It can be a powerful force that influences our behavior and decisions in a wide range of contexts, from personal relationships to consumer preferences.
    <br>
      Attraction can take many different forms, depending on the individual and the situation. For example, romantic attraction involves a strong emotional and physical desire for intimacy with another person, while social attraction involves a desire for companionship and a sense of belonging within a group. Attraction can also be driven by factors such as physical appearance, personality traits, shared interests or values, and cultural or social background.
    <br>
      In addition to its impact on personal relationships, attraction also plays a significant role in many areas of human behavior. For example, marketers use the principles of attraction to influence consumer behavior, creating advertisements and product designs that appeal to consumers' desires for pleasure, status, or social connection. Similarly, employers may use attraction to influence job candidates, seeking to create a positive and appealing image of the company to attract top talent.
    <br>
      Overall, attraction is a complex and multifaceted phenomenon that influences our lives in a wide range of ways. By understanding the factors that drive attraction and the ways it can be influenced, we can better navigate our personal relationships and make informed decisions in other areas of our lives.
    </p>
  </section>

  <section id="gallery">
    <h2>Gallery</h2>
    <div class="image-container">
```

```

        
        
        
    </div>
</section>

<section id="local-info">
    <h2>Local Information</h2>
    <ul>
        <li><strong>Exchange Place:</strong> A transportation hub and business district in downtown Jersey City, located on the Hudson River waterfront. It offers stunning views of the Manhattan skyline and is a popular spot for locals and tourists alike.</li>
        <li><strong>Times Square:</strong> A major commercial intersection and tourist destination in Midtown Manhattan, known for its bright lights, billboards, and theaters. It is also home to the annual New Year's Eve ball drop celebration.</li>
        <li><strong>Weather:</strong> The climate in My City is mild with four distinct seasons. Summers are warm and humid, while winters are cold and snowy. Spring and fall are mild and pleasant.</li>
        <li><strong>Currency:</strong> The currency used in My City is the US Dollar (USD).</li>
        <li><strong>Language:</strong> English is the primary language spoken in My City.</li>
    </ul>
</section>

</main>

</body>
</html>

```

Login.php:

```

<!DOCTYPE html>
<html lang="en">

```

```
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Page</title>
    <style>

        body {
            background-color: #f2f2f2;
            font-family: Arial, sans-serif;
        }

        .container {
            margin: auto;
            width: 50%;
            padding: 50px;
            background-color: #fff;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
            text-align: center;
        }

        h2 {
            color: #333;
            margin-bottom: 30px;
        }

        input[type=text], input[type=password] {
            width: 100%;
            padding: 12px 20px;
            margin: 8px 0;
            display: inline-block;
            border: 1px solid #ccc;
            border-radius: 4px;
            box-sizing: border-box;
        }

        button {
            background-color: #4CAF50;
            color: white;
            padding: 14px 20px;
            margin: 8px 0;
        }
    </style>

```

```

        border: none;
        border-radius: 4px;
        cursor: pointer;
    }

    button:hover {
        background-color: #45a049;
    }
.error{
    color: red;
    display: none;
}
</style>
</head>
<body>
<?php

?>
<div class="container">
    <h2>Login to Your Account</h2>
    <form action="login.php" method="post">
        <label for="username">Username</label>
        <input type="text" id="username" name="username" required>

        <label for="password">Password</label>
        <input type="password" id="password" name="password" required>

        <button type="submit" name="login_button">Login</button>
        <p class="error">Invalid UserName or Password.</p>
    </form>
</div>

<?php
if(isset($_POST['login_button']))
{
    $username = $_POST['username'];
    $password = $_POST['password'];

    if($username == "admin" && $password == "admin")

```

```

    {
        session_start();
        $_SESSION['authenticated'] = true;
        header("Location: admin_dashboard.php");
        exit;
    }
    else{
        ?>
        <style>
            .error{
                display: block;
            }
        </style>
        <?php
    }
}
?>
</body>
</html>

```

Model.php:

```

<?php
    class Database
    {
        private $host;
        private $username;
        private $password;
        private $dbname;
        private $conn;

        public function __construct()
        {
            $this->host = "localhost";
            $this->username = "yaminisravanhiasowmya";
            $this->password = "yaminisravanhiasowmyapass";
            $this->dbname = "yaminisravanhiasowmyadatabase";

            // Connect to database
        }
    }

```

```

        try {
            $this->conn = new PDO("mysql:host=$this->host",
$this->username, $this->password);
            $this->conn->setAttribute(PDO::ATTR_ERRMODE,
PDO::ERRMODE_EXCEPTION);
        } catch(PDOException $e) {
            die("Connection failed: " . $e->getMessage());
        }

        // Create database if it doesn't exist
        $this->conn->exec("CREATE DATABASE IF NOT EXISTS
$this->dbname");
        $this->conn->exec("USE $this->dbname");

    }

    public function createRoomsTable()
{
    try {
        $query = "CREATE TABLE IF NOT EXISTS rooms (
            id INT(11) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
            room_type VARCHAR(20) NOT NULL,
            children_space INT(11) NOT NULL,
            adult_space INT(11) NOT NULL,
            price_per_night INT(11) NOT NULL,
            room_image LONGBLOB,
            availability_status VARCHAR(10) NOT NULL
        )";

        $this->conn->exec($query);
    } catch(PDOException $e) {
        die("Error creating table: " . $e->getMessage());
    }
}

public function insertRoom($room_type, $children_space,
$adult_space, $price_per_night, $image, $availability_status)
{
    $this->createRoomsTable();
}

```

```

// Database configuration
$dbHost      = "localhost";
$dbUsername  = "yaminisravanhiasowmya";
$dbPassword  = "yaminisravanhiasowmyapass";
$dbName       = "yaminisravanhiasowmyadatabase";

// Create database connection
$db = new mysqli($dbHost, $dbUsername, $dbPassword, $dbName);

// Check connection
if ($db->connect_error) {
    die("Connection failed: " . $db->connect_error);
}

$insert = $db->query("INSERT INTO rooms (room_type,
children_space, adult_space, price_per_night, room_image,
availability_status)
VALUES ('$room_type', '$children_space', '$adult_space',
'$price_per_night', '$image', '$availability_status')");

if($insert){
    header("Location: admin_dashboard.php");
} else{
    echo "File upload failed, please try again.";
}

}

public function deleteRoom($room_id)
{
try {
    $query = "DELETE FROM rooms WHERE id = :id";
    $stmt = $this->conn->prepare($query);
    $stmt->bindParam(':id', $room_id);
    $stmt->execute();
    header('Location: admin_dashboard.php');
    exit();
} catch(PDOException $e) {
    die("Error deleting room: " . $e->getMessage());
}
}

```

```

}

public function display_rooms()
{
    $stmt = $this->conn->prepare("SELECT * FROM rooms");
    $stmt->execute();
    $results = $stmt->fetchAll(PDO::FETCH_ASSOC);

    return $results;
}

public function display_available_rooms()
{
    $stmt = $this->conn->prepare("SELECT * FROM rooms where
availability_status = 'Free'");

    $stmt->execute();
    $results = $stmt->fetchAll(PDO::FETCH_ASSOC);

    return $results;
}

public function get_room_by_id($id)
{
    $stmt = $this->conn->prepare("SELECT * FROM rooms WHERE id =
:id");
    $stmt->bindParam(':id', $id, PDO::PARAM_INT);
    $stmt->execute();
    $row = $stmt->fetch(PDO::FETCH_ASSOC);

    return $row;
}

public function
update_room($room_type,$children_space,$adult_space,$price_per_night,$availability,$id)
{
}

```

```

        // prepare and execute the update query
        $stmt = $this->conn->prepare("UPDATE rooms SET room_type =
:room_type, children_space = :children_space, adult_space = :adult_space,
price_per_night = :price_per_night, availability_status =
:availability_status WHERE id = :id");
        $stmt->bindParam(':room_type', $room_type);
        $stmt->bindParam(':children_space', $children_space);
        $stmt->bindParam(':adult_space', $adult_space);
        $stmt->bindParam(':price_per_night', $price_per_night);
        $stmt->bindParam(':availability_status', $availability);
        $stmt->bindParam(':id', $id);

        $stmt->execute();

        // check if any rows were affected
        if ($stmt->rowCount() > 0) {
            header('Location: admin_dashboard.php');
        } else {
            echo "Failed to update room information.";
        }

    }

public function create_user()
{
    try {
        $query = "CREATE TABLE IF NOT EXISTS users (
            id INT(11) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
            username VARCHAR(50) NOT NULL,
            address VARCHAR(255) NOT NULL,
            street_name VARCHAR(255) NOT NULL,
            city VARCHAR(50) NOT NULL,
            state VARCHAR(50) NOT NULL,
            phone_number VARCHAR(20) NOT NULL,
            email VARCHAR(255) NOT NULL,
            confirmation_number VARCHAR(50) NOT NULL,
            check_in_date DATE NOT NULL,
            check_out_date DATE NOT NULL,
            room_id INT(11) NOT NULL
        )";
        $stmt = $this->conn->prepare($query);
        $stmt->execute();
    }
}

```

```

        ) ;";

        $this->conn->exec($query);
    } catch(PDOException $e) {
        die("Error creating table: " . $e->getMessage());
    }

}

public function insertUser($username, $address, $street_name,
$city, $state, $phone_number, $email, $confirmation_number,
$check_in_date, $check_out_date, $room_id)
{
    $this->create_user();

    $stmt = $this->conn->prepare("INSERT INTO users (username,
address, street_name, city, state, phone_number, email,
confirmation_number, check_in_date, check_out_date, room_id)
VALUES (:username, :address, :street_name, :city, :state,
:phone_number, :email, :confirmation_number, :check_in_date,
:check_out_date, :room_id)");

    $stmt->bindParam(':username', $username);
    $stmt->bindParam(':address', $address);
    $stmt->bindParam(':street_name', $street_name);
    $stmt->bindParam(':city', $city);
    $stmt->bindParam(':state', $state);
    $stmt->bindParam(':phone_number', $phone_number);
    $stmt->bindParam(':email', $email);
    $stmt->bindParam(':confirmation_number',
$confirmation_number);

    $stmt->bindParam(':check_in_date', $check_in_date);
    $stmt->bindParam(':check_out_date', $check_out_date);
    $stmt->bindParam(':room_id', $room_id);

    $stmt->execute();
}

public function room_status($room_id)
{

```

```

        // prepare and execute the update query
        $stmt = $this->conn->prepare("UPDATE rooms SET
availability_status = 'Used' WHERE id = :id");
        $stmt->bindParam(':id', $room_id);

        $stmt->execute();

        // check if any rows were affected
        if ($stmt->rowCount() <= 0) {
            echo "Failed to update room information.";
        }
    }

    public function getConnection()
    {
        return $this->conn;
    }
}

?>

```

Pract.php:

```

<?php
include 'model.php';

$database = new Database();
$conn = $database->getConnection();

// Get image data from database
$stmt = $conn->prepare("SELECT room_image FROM rooms ORDER BY id DESC");
$stmt->execute();
$results = $stmt->fetchAll(PDO::FETCH_ASSOC);
?>

<?php if(!empty($results)){ ?>
    <div class="gallery">
        <?php foreach($results as $row){ ?>
            

```

```

        <?php } ?>
    </div>
<?php }else{ ?>
    <p class="status error">Image(s) not found...</p>
<?php } ?>

```

Process_add_room.php:

```

<?php
    include "model.php";

    // If file upload form is submitted
    $statusMsg = '';

    if(isset($_POST['add_room_button']))
    {

        $type = $_POST['room-type'];
        $children = $_POST['children-space'];
        $adult = $_POST['adult-space'];
        $price = $_POST['price-per-night'];
        $availability = "Free";

        if(!empty($_FILES["image"]["name"]))
        {
            // Get file info
            $fileName = basename($_FILES["image"]["name"]);
            $fileType = pathinfo($fileName, PATHINFO_EXTENSION);

            $allowTypes = array('jpg','png','jpeg','gif');

            if(in_array($fileType, $allowTypes))
            {
                $image = $_FILES['image']['tmp_name'];
                $imgContent = addslashes(file_get_contents($image));

```

```

        $database = new Database();

$database->insertRoom($type,$children,$adult,$price,$imgContent,$availability);
    }
    else{
        $statusMsg = 'Sorry, only JPG, JPEG, PNG, & GIF files are allowed to upload.';
    }
}
else{
    $statusMsg = 'Please select an image file to upload.';
}

echo $statusMsg;

}
?>

```

process_Confirmation_Page.php:

```

<?php
    include "model.php";
    if(isset($_POST['confirm']))
    {
        $username = $_POST['name'];
        $address = $_POST['address'];
        $street_name = $_POST['street'];
        $city = $_POST['city'];
        $state = $_POST['state'];
        $phone_number = $_POST['phone'];
        $email = $_POST['email'];
        $confirmation_number = $_POST['confirmation-num'];
        $check_in_date = $_POST['checkin-date'];
        $check_out_date = $_POST['checkout-date'];
        $room_id = $_POST['room_id'];
        $room_type = $_POST['room-type'];
        $cost = $_POST['total-cost'];
    }
?>

```

```

$database = new Database();

// Room Booked
$database->room_status($room_id);

// Insert User
$database->insertUser($username, $address, $street_name,
$city, $state, $phone_number, $email, $confirmation_number,
$check_in_date, $check_out_date, $room_id);

header("Location:
Confirmation_Details.php?name=$username&address=$address&street=$street_na
me&city=$city&state=$state&num=$phone_number&email=$email&type=$room_type&
check-in=$check_in_date&check-out=$check_out_date&cost=$cost&confirmation_
num=$confirmation_number");
}

?>

```

process_Edit_Room.php:

```

<?php
include "model.php";

if(isset($_POST['save']))
{
    $type = $_POST['room_type'];
    $children = $_POST['children_space'];
    $adult = $_POST['adult_space'];
    $price = $_POST['price_per_night'];
    $availability = $_POST['availability_status'];
    $id = $_POST['id'];

    $database = new Database();

    $database->update_room($type,$children,$adult,$price,$availability,$id);
}

```

```
    }
?>
```

SearchReservation.php:

```
<?php

// Check if the search button was clicked
if (isset($_GET['search'])) {
    // Get the confirmation number entered by the user
    $confirmation_number = $_GET['confirmation_number'];

    // Connect to your database (replace 'HOSTNAME', 'USERNAME', 'PASSWORD',
and 'DATABASE' with your database details)
    $con = mysqli_connect("localhost", "yaminisravanhiasowmya",
"yaminisravanhiasowmyapass", "yaminisravanhiasowmyadatabase");

    // Check connection
    if (mysqli_connect_errno()) {
        echo "Failed to connect to MySQL: " . mysqli_connect_error();
    }

    // Prepare a SQL statement to search for the reservation based on
confirmation number
    $sql = "SELECT * FROM rooms INNER JOIN users WHERE rooms.id =
users.room_id and users.confirmation_number ='$confirmation_number'";
// $sql = "SELECT * FROM USERS WHERE confirmation_number =
'$confirmation_number';

    // Execute the SQL statement and store the result
    $result = mysqli_query($con, $sql);

    // Check if there are any matching reservations
    if (mysqli_num_rows($result) > 0) {
        // Loop through each matching reservation and display its details
        while ($row = mysqli_fetch_assoc($result)) {

            $name = $row['username'];
            $address = $row['address'];
            $street_name = $row['street_name'];
```

```

$city = $row['city'];
$state = $row['state'];
$number = $row['phone_number'];
$email = $row['email'];
$type = $row['room_type'];
$check_in = $row['check_in_date'];
$check_out = $row['check_out_date'];
$cost = $row['price_per_night'];
$confirmation_num = $row['confirmation_number'];

?>
<div class="container">
    <h1>Confirmation Details</h1>
    <table>
        <tr>
            <th>User Name</th>
            <td><?php echo $name; ?></td>
        </tr>
        <tr>
            <th>Address</th>
            <td><?php echo $address; ?></td>
        </tr>
        <tr>
            <th>Street Name</th>
            <td><?php echo $street_name; ?></td>
        </tr>
        <tr>
            <th>City</th>
            <td><?php echo $city; ?></td>
        </tr>
        <tr>
            <th>State</th>
            <td><?php echo $state; ?></td>
        </tr>
        <tr>
            <th>Phone Number</th>
            <td><?php echo $number; ?></td>
        </tr>
        <tr>
            <th>Email</th>
            <td><?php echo $email; ?></td>
        
```

```

</tr>
<tr>
    <th>Room Type</th>
    <td><?php echo $type; ?></td>
</tr>
<tr>
    <th>Stay Period</th>
    <td><?php echo $check_in; ?> to <?php echo $check_out; ?></td>
</tr>
<tr>
    <th>Cost of Stay</th>
    <td><?php echo $cost; ?></td>
</tr>
</table>
<div class="confirmation-number">Confirmation Number: <?php echo
$confirmation_num; ?></div>
</div>
<?php
}
} else {
    // If there are no matching reservations, display an error message
    echo "No reservations found with confirmation number
'$confirmation_number'";
}

// Close the database connection
mysqli_close($con);
}
?>

```

Shopping.php:

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />

```

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

<title>Hotel Reservation - Shopping Page</title>
<!-- Bootstrap CSS -->
<link
    rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
    integrity="sha384-DZyx5WaxJFxR3AJi3+/FV6PZcyA0+Y6Ea1m/xB1aQ5g6I5U6IkjKpzC5X9FtaU6"
    crossorigin="anonymous"
/>
<!-- Custom CSS -->
<style>
    * {
        margin: 0;
        padding: 0;
        box-sizing: border-box;
        font-family: 'Lato', sans-serif;
        color: black;
    }

    header {
        display: flex;
        justify-content: space-between;
        align-items: center;
        padding: 0px 5%;
        position: fixed;
        width: 100%;
        height: 100px;
        top: 0;
        z-index: 1;
        background-color: rgb(0, 0, 0);
    }

    nav {
        display: flex;
        align-items: center;
    }

```

```
}

.nav-links {
  display: flex;
  justify-content: space-between;
  align-items: center;
  width: 50%;
}

.nav-links li {
  list-style: none;
  font-size: 25px;
  color: lightgray;
}

.nav-links a {
  color: white;
  font-size: 16px;
  font-weight: 500;
  text-decoration: none;
  text-transform: uppercase;
  padding: 0 15px;
}
.nav-links a:hover{
  color: rgb(231, 218, 218);
  font-size: 20px;
  transition: all 0.4s ease;
}

.hamburger {
  display: none;
  cursor: pointer;
}

.hamburger div {
  width: 25px;
  height: 3px;
  background-color: white;
  margin: 5px;
  transition: all 0.3s ease;
}
```

```
@media screen and (max-width: 1000px) {  
    header{  
        padding: 0px 4%;  
    }  
    nav{  
        width: 100%;  
        display: grid;  
        grid-template-columns: 1fr 1fr;  
    }  
    .nav-links {  
        position: fixed;  
        right: 0px;  
        height: 80vh;  
        top: 110px;  
        background-color: white;  
        display: grid;  
        grid-template-columns: 1fr;  
        padding: 0 20px;  
        align-content: flex-start;  
        width: 60%;  
        transform: translateX(-200%);  
        transition: transform 0.5s ease-in;  
    }  
  
.nav-links li {  
    margin-top: 50px;  
    opacity: 0;  
    width: 100%;  
}  
.nav-links #name{  
    padding: 0px 10px;  
    color: #587ae8;  
    font-weight: 600;  
    font-size: 25px;  
}  
.nav-links li a{  
    color: black;  
}
```

```
.nav-links a:active{  
    color: #587ae8;  
}  
  
.hamburger {  
    display: block;  
    justify-self: flex-end;  
}  
  
.nav-active {  
    transform: translateX(-67%);  
}  
  
.nav-links li {  
    opacity: 1;  
    transition: opacity 0.5s ease-in;  
}  
.logo{  
    justify-self: flex-start;  
}  
}  
  
@media screen and (min-width: 1000px) {  
    .hamburger {  
        display: none;  
    }  
  
.nav-links {  
    width: auto;  
}  
  
.nav-links li {  
    margin: 0 10px;  
}  
}  
}  
 @media screen and (max-width: 450px){  
    .nav-links li a{  
        font-size: 14px;  
    }  
}
```

```
body {
    font-family: Arial, sans-serif;
    background-color: #f8f8f8;
}

.container {
    margin-top: 100px;
}

.card {
    margin-bottom: 30px;
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
}

.card-img-top {
    height: 200px;
    object-fit: cover;
}

.card-title {
    font-size: 1.5rem;
    margin-bottom: 10px;
}

.card-subtitle {
    font-size: 1.2rem;
    margin-bottom: 10px;
    color: #666;
}

.card-text {
    margin-bottom: 10px;
    font-size: 1rem;
}

.card-price {
    font-size: 1.2rem;
    font-weight: bold;
}
```

```

.btn {
    border-radius: 0;
}

.btn-primary {
    background-color: #3f51b5;
    border-color: #3f51b5;
}

.btn-primary:hover {
    background-color: #2c3e50;
    border-color: #2c3e50;
}

.btn-secondary {
    background-color: #e0e0e0;
    border-color: #e0e0e0;
}

.btn-secondary:hover {
    background-color: #bdc3c7;
    border-color: #bdc3c7;
}

</style>
</head>
<body>

<header>
    <nav>
        <ul class="nav-links">
            <li id="name">yaminisravanthiasowmyaPHP</li>
            <li><a href="Home.php">Home</a></li>
            <li><a href="local_attraction.php">Local
Attraction</a></li>
            <li><a href="Hotel_Dining.php">Hotel Dining
Service</a></li>
            <li><a href="Shopping.php">Shopping</a></li>
        </ul>
        <div class="hamburger">

```

```

        <div class="line"></div>
        <div class="line"></div>
        <div class="line"></div>
    </div>
</nav>
</header>

<div class="container">
<h1>Shopping Malls</h1>
<div class="row">
    <div class="col-md-4">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Shopping Mall</h5>
                <p class="card-text">Sale 30%</p>
            </div>
        </div>
    </div>
    <div class="col-md-4">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Shopping Mall</h5>
                <p class="card-text">Sale 50%</p>
            </div>
        </div>
    </div>
    <div class="col-md-4">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Shopping Mall</h5>
                <p class="card-text">Sale 60%</p>
            </div>
        </div>
    </div>
</div>

```

```
</div>
</div>
```

Database:

```
Name: yaminisravanhisisowmyadatabase
$dbHost    = "localhost";
$dbUsername = "yaminisravanhisisowmya";
$dbPassword = "yaminisravanhisisowmyapass";
$dbName     = "yaminisravanhisisowmyadatabase";
```

```
-- phpMyAdmin SQL Dump
-- version 5.2.0
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Mar 12, 2023 at 03:52 PM
-- Server version: 10.4.27-MariaDB
-- PHP Version: 8.2.0
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
```

```

/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS
*/;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

-- Database: `yaminisravanhiasowmyadatabase`

-- -----
-- Table structure for table `rooms`


CREATE TABLE `rooms` (
  `id` int(11) UNSIGNED NOT NULL,
  `room_type` varchar(20) NOT NULL,
  `children_space` int(11) NOT NULL,
  `adult_space` int(11) NOT NULL,
  `price_per_night` int(11) NOT NULL,
  `room_image` longblob DEFAULT NULL,
  `availability_status` varchar(10) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

-- Dumping data for table `users`


INSERT INTO `users` (`id`, `username`, `address`, `street_name`, `city`, `state`,
`phone_number`, `email`, `confirmation_number`, `check_in_date`, `check_out_date`,
`room_id`) VALUES
(1, 'Waseem Shahzad', 'H-No-152/153 Wakeel House, Milat Town, Faisalabad', 'Khayyaban',
'Faisalabad', 'Punjab', '03419648099', 'w4w.w4me@gmail.com', '85834', '2023-03-04',
'2023-03-07', 12),
(2, 'Waseem Shahzad', 'H-No-152/153 Wakeel House, Milat Town, Faisalabad', 'Khayyaban',
'Faisalabad', 'Punjab', '03419648099', 'w4w.w4me@gmail.com', '63681', '2023-03-03',
'2023-03-07', 13),
(5, 'joe j', '13 FRANK E RODGERS', 'hsyty', 'HARRISON', 'New Jersey', '3456744',
'joe@gmail.com', '31779', '2023-03-02', '2023-03-23', 14),

```

```
(6, 'joe j', '13 FRANK E RODGERS', 'hsyty', 'HARRISON', 'New Jersey', '3456744',
'joe@gmail.com', '21938', '2023-03-02', '2023-03-29', 10),
(7, 'joe j', '13 FRANK E RODGERS', 'hsyty', 'HARRISON', 'New Jersey', '3456744',
'joe@gmail.com', '84625', '2023-03-02', '2023-03-15', 11),
(8, 'Yamini Chitikela', 'Apt 2 ,13 Frank E Rodgers Blvd North', 'apt 2', 'Harrison', 'New Jersey',
'5513585425', 'yaminichitikela@gmail.com', '93767', '2023-03-08', '2023-03-24', 12),
(9, 'Yamini Chitikela', 'Apt 2 ,13 Frank E Rodgers Blvd North', 'apt 2', 'Harrison', 'New Jersey',
'5513585425', 'yaminichitikela@gmail.com', '29754', '2023-03-10', '2023-03-30', 14),
(11, 'Sowmya Kampara', '743 William Street', '2L', 'Harrison', 'New Jersey', '8623910904',
'sowmya.kampara@gmail.com', '12137', '2023-03-11', '2023-03-13', 14),
(12, 'Sowmya ', 'Apartment 2R', 'Louis', 'Harrison', 'New Jersey', '12345',
'sowmya.kampara@gmail.com', '82294', '2023-03-12', '2023-03-16', 13),
(13, 'Sowmya Kampara', '743 William Street', '2L', 'Harrison', 'New Jersey', '8623910904',
'sowmya.kampara@gmail.com', '68177', '2023-03-20', '2023-03-21', 12);
```

```
--  
-- Indexes for dumped tables
```

```
--
```

```
--  
-- Indexes for table `rooms`
```

```
--
```

```
ALTER TABLE `rooms`
ADD PRIMARY KEY (`id`);
```

```
--  
-- Indexes for table `users`
```

```
--
```

```
ALTER TABLE `users`
ADD PRIMARY KEY (`id`);
```

```
--  
-- AUTO_INCREMENT for dumped tables
```

```
--
```

```
--  
-- AUTO_INCREMENT for table `rooms`
```

```
--
```

```
ALTER TABLE `rooms`
```

```

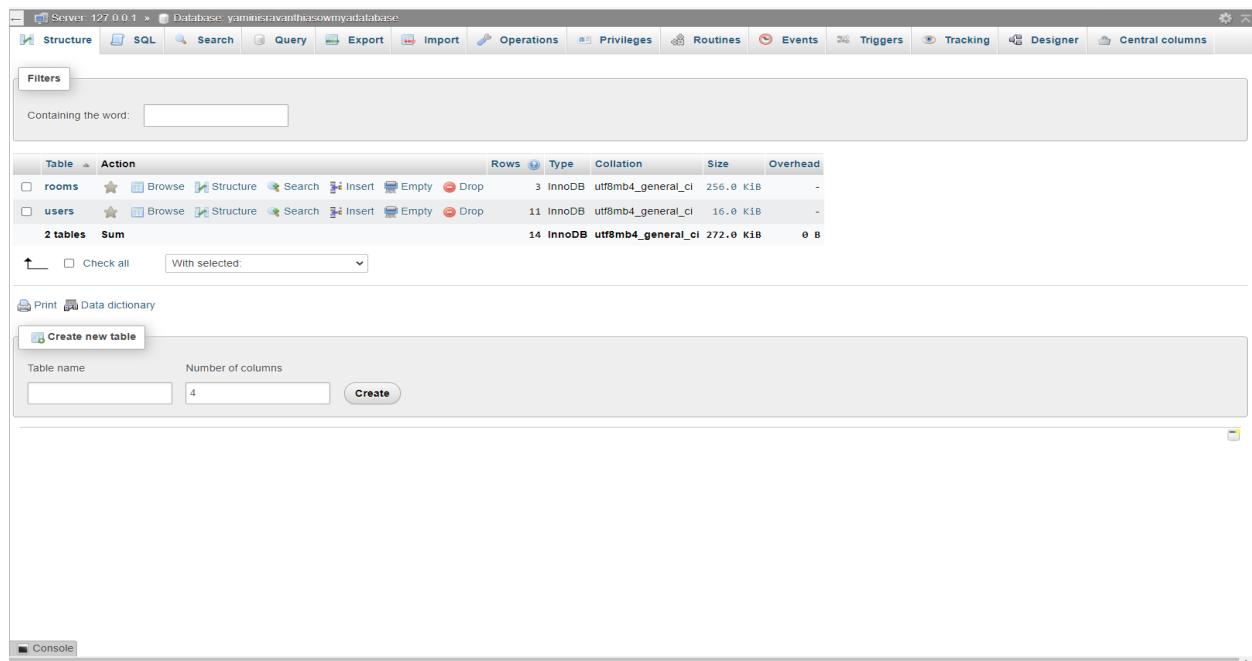
MODIFY `id` int(11) UNSIGNED NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=18;

-- 
-- AUTO_INCREMENT for table `users`
-- 

ALTER TABLE `users`
MODIFY `id` int(11) UNSIGNED NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=14;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

```



Rooms table:

Server: 127.0.0.1 > Database: yaminisravanthiasowmyadatabase > Table: rooms

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	id 📄	int(11)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	room_type	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
3	children_space	int(11)			No	None			Change Drop More
4	adult_space	int(11)			No	None			Change Drop More
5	price_per_night	int(11)			No	None			Change Drop More
6	room_image	longblob			Yes	NULL			Change Drop More
7	availability_status	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns

Sample data in the table:

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

Extra options

	id	room_type	children_space	adult_space	price_per_night	room_image	availability_status
	12	Standard Room	2	2	120 [BLOB - 64.0 KiB]	Free	
	13	Suite	3	3	214 [BLOB - 64.0 KiB]	Free	
	14	Standard Room	2	2	120 [BLOB - 64.0 KiB]	Used	

Users table:

The screenshot shows the MySQL Workbench interface with the 'users' table selected. The top navigation bar includes 'Server: 127.0.0.1', 'Database: yaminisravanthiasowmyadatabase', and 'Table: users'. Below the navigation is a toolbar with 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'.

The main area displays the 'Table structure' tab, showing the following columns:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<code>id</code>	int(11)	utf8mb4_general_ci	UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	<code>username</code>	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	<code>address</code>	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
4	<code>street_name</code>	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
5	<code>city</code>	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
6	<code>state</code>	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
7	<code>phone_number</code>	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
8	<code>email</code>	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
9	<code>confirmation_number</code>	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
10	<code>check_in_date</code>	date			No	None			Change Drop More
11	<code>check_out_date</code>	date			No	None			Change Drop More
12	<code>room_id</code>	int(11)			No	None			Change Drop More

At the bottom, there are buttons for 'Check all', 'With selected:', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', 'Fulltext', 'Add to central columns', and a refresh icon.

Data in table users:

The screenshot shows the MySQL Workbench interface with the 'users' table selected. The top navigation bar includes 'Server: 127.0.0.1', 'Database: yaminisravanthiasowmyadatabase', and 'Table: users'. Below the navigation is a toolbar with 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'.

The main area displays the data in the 'users' table:

	<code>id</code>	<code>username</code>	<code>address</code>	<code>street_name</code>	<code>city</code>	<code>state</code>	<code>phone_number</code>	<code>email</code>	<code>confirmation_number</code>	<code>check_in_date</code>	<code>check_out_date</code>	<code>room_id</code>	
	1	Waseem Shahzad	H-No-152/153 Wakeel House, Milat Town, Faisalabad		Khayyaban	Faisalabad	Punjab	03419648099	w4w.w4me@gmail.com	85834	2023-03-04	2023-03-07	12
	2	Waseem Shahzad	H-No-152/153 Wakeel House, Milat Town, Faisalabad		Khayyaban	Faisalabad	Punjab	03419648099	w4w.w4me@gmail.com	63681	2023-03-03	2023-03-07	13
	5	joe j	13 FRANK E RODGERS	hsyty	HARRISON	New Jersey		3456744	joe@gmail.com	31779	2023-03-02	2023-03-23	14
	6	joe j	13 FRANK E RODGERS	hsyty	HARRISON	New Jersey		3456744	joe@gmail.com	21938	2023-03-02	2023-03-29	10
	7	joe j	13 FRANK E RODGERS	hsyty	HARRISON	New Jersey		3456744	joe@gmail.com	84625	2023-03-02	2023-03-15	11
	8	Yamini Chitikela	Apt 2, 13 Frank E Rodgers Blvd North	apt 2	Harrison	New Jersey		5513585425	yaminichitikela@gmail.com	93767	2023-03-08	2023-03-24	12
	9	Yamini Chitikela	Apt 2, 13 Frank E Rodgers Blvd North	apt 2	Harrison	New Jersey		5513585425	yaminichitikela@gmail.com	29754	2023-03-10	2023-03-30	14
	11	Sowmya Kampara	743 William Street	2L	Harrison	New Jersey		8623910904	sowmya.kampara@gmail.com	12137	2023-03-11	2023-03-13	14
	12	Sowmya	Apartment 2R	Louis	Harrison	New Jersey		12345	sowmya.kampara@gmail.com	82294	2023-03-12	2023-03-16	13

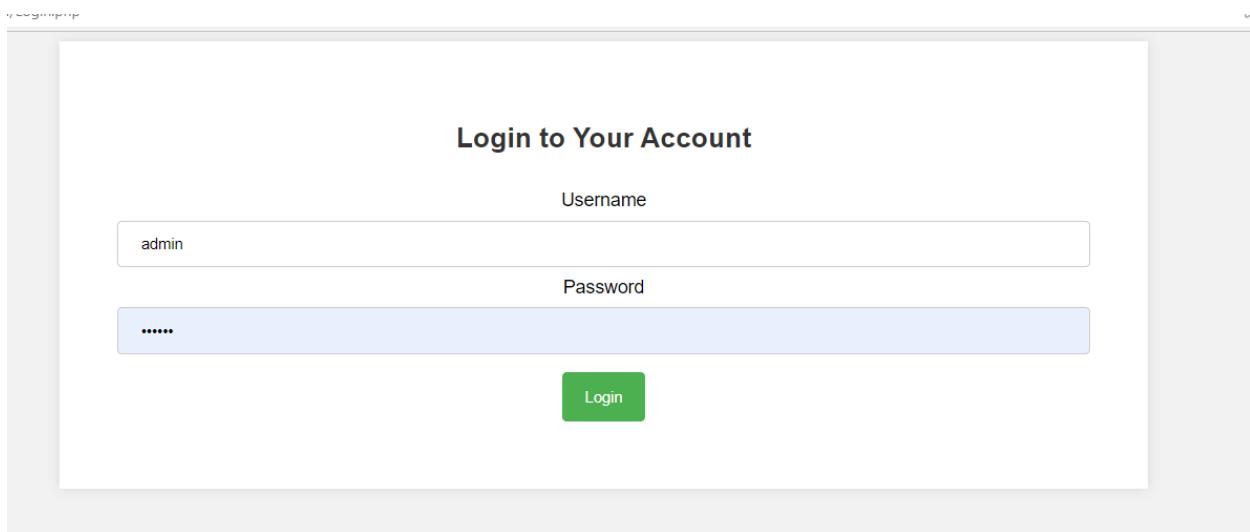
Chapter4: Test Run Results

Admin login page:

Username: admin

Password: admin

Here it takes username and password to login to the admin page and performs the required functionalities.



The screenshot shows a web browser window with a light gray background. In the center, there is a white rectangular form titled "Login to Your Account". At the top of the form, there is a label "Username" above a text input field. The input field contains the text "admin". Below the username field is a label "Password" above another text input field. The password field contains four dots ("...."). At the bottom of the form is a green rectangular button labeled "Login".

Admin Dashboard:

The admin is responsible for adding, editing, and removing hotel and room listings on the website. This includes ensuring that all the information is accurate and up-to-date, such as room descriptions, rates, availability, and amenities and he is responsible for managing all bookings made through the website. This includes reviewing and approving bookings, managing room

availability and allocation, and handling any cancellations or changes to bookings.

The screenshot shows the Admin Dashboard with a dark header bar containing the title "Admin Dashboard" and a "Logout" button. Below the header is a light gray content area titled "Manage Hotel Rooms". This area features a table with columns: Room Type, Children Space, Adult Space, Price per Night, Availability, Edit Room, and Delete Room. There are three rows of data:

Room Type	Children Space	Adult Space	Price per Night	Availability	Edit Room	Delete Room
Standard Room	2	2	120\$	Free	<button>Edit</button>	<button>Delete</button>
Suite	3	3	214\$	Free	<button>Edit</button>	<button>Delete</button>
Standard Room	2	2	120\$	Used	<button>Edit</button>	<button>Delete</button>

At the bottom left of the "Manage Hotel Rooms" section is a green button labeled "Add New Room".

Add new room:

It allows hotel admin to add new rooms to the inventory available for reservations. This function is important because it enables the hotel to expand its offerings and increase its capacity for accommodating guests.

When using this function, the user typically enters information such as the room type, children space, adult space, price per night and any additional amenities or features of the room. This information is then saved into the system and made available for future reservations and Once the new room details are added to the system, it becomes available for future bookings and reservations

Add New Room

Cancel

Room Type:

Standard Room

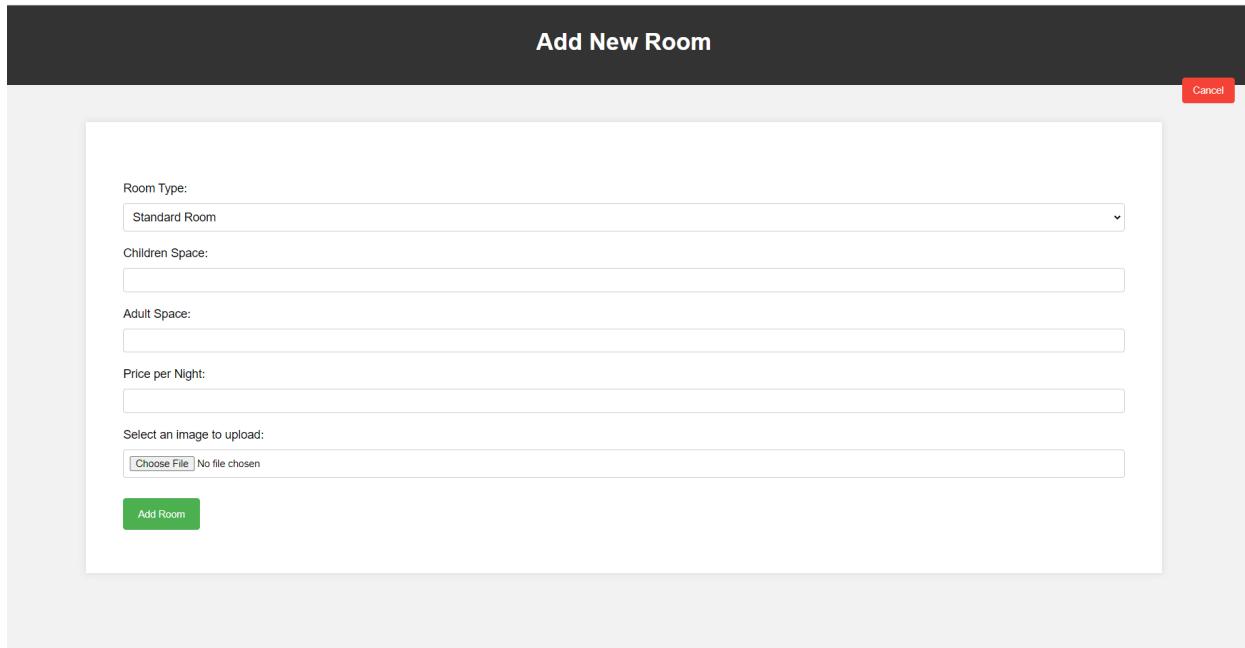
Children Space:

Adult Space:

Price per Night:

Select an image to upload:

No file chosen



Edit Room Details:

The edit function is an essential tool that allows for flexibility and accommodates changes to existing reservations. It provides a convenient and easy way for website administrators to manage bookings and ensure that guests have the best possible experience and helps to modify or update existing reservations or booking details. This function is useful when there is a need to make changes to a reservation, such as changing the check-in or check-out date, updating the guest details, or changing the room type.

Edit Room

Room Type

Children Space

Adult Space

Price per Night

Availability

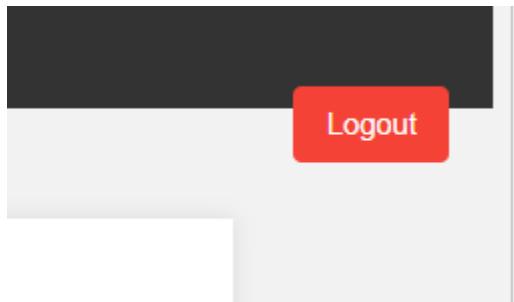
Delete Room Details:

The delete function is a crucial tool that allows authorized users to manage bookings and ensure that the reservation system remains accurate and up-to-date and allows the admin to remove existing reservations or bookings from the system. This function is useful when there is a need to cancel a reservation due to various reasons such as a guest's request, a change in hotel availability, or due to other unforeseen circumstances

Standard Room	2	2	120\$	Used	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
---------------	---	---	-------	------	-------------------------------------	---------------------------------------

Logout:

The logout function in an admin account is a security feature that allows the user to securely exit the system when they are finished with their tasks. When the admin user logs out, the system will terminate their session and invalidate their access token, ensuring that they cannot perform any further actions within the system until they log back in. This helps to prevent unauthorized access to sensitive information and ensures that the system remains secure.



Home Page:

The homepage of our web site gives a brief introduction of YaminiSravantiSowmya hotel which includes the address, email, phone numbers, and direction to your hotel and map location

Welcome to the YaminiSravanthiSowmya Hotel

Located at NYC, our hotel offers a comfortable and convenient stay in the heart of the city. Our rooms feature modern amenities and our staff is dedicated to providing exceptional service to ensure your stay is enjoyable.

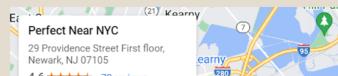
Contact us

Address: 123 Main Street, New York, New Jersey 08726

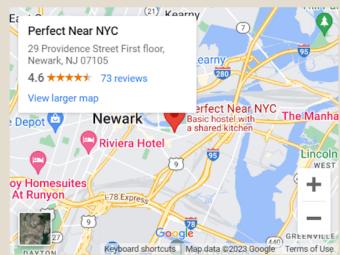
Phone: +1 (555) 123-4567

Email: info@yamsravsw.com

Directions: From the airport, take Highway 101 North and exit at Main Street. Turn right onto Main Street and continue for two blocks. Our hotel will be on the left.



Directions: From the airport, take Highway 101 North and exit at Main Street. Turn right onto Main Street and continue for two blocks. Our hotel will be on the left.



Reservation

Please select your check-in and check-out dates, number of rooms, and number of adults and children below. We will show you the available rooms for your stay.

Check-in date:

For Reservation user needs to enter the following details Check-in date, Check-out date, Number of rooms, number of adults and number of children information and click search to check the available hotels in those dates.

Home Page Document shared with you: "Unit 1" +

localhost/Hotel_Reservation_System/Home_Reservation_System/home.php

Gmail Maps Register For Classes... Handshake Newark, NJ 10-Day... Amazon.com Shop... Preplinsta Home Sewmya Kampara J... Birthday Freebies 2... Plagiarism Checker... Tome App

YaminiSravantiSowmyaPHP

- HOME
- LOCAL ATTRACTION
- HOTEL DINING SERVICE
- SHOPPING

Reservation

Please select your check-in and check-out dates, number of rooms, and number of adults and children below. We will show you the available rooms for your stay.

Check-in date:

Check-out date:

Number of rooms:

Number of adults:

Number of children:

Cloudy 41°F Search 10:43 PM 3/12/2023

Home Page Document shared with you: "Unit 1" +

localhost/Hotel_Reservation_System/Home_Reservation_System/home.php

Gmail Maps Register For Classes... Handshake Newark, NJ 10-Day... Amazon.com Shop... Preplinsta Home Sewmya Kampara J... Birthday Freebies 2... Plagiarism Checker... Tome App

YaminiSravantiSowmyaPHP

- HOME
- LOCAL ATTRACTION
- HOTEL DINING SERVICE
- SHOPPING

Enter confirmation number:

Available rooms



Room Type: Standard Room

Price Per Night: 120

Total Cost: 840\$

Cloudy 41°F Search 10:43 PM 3/12/2023

It validates all the conditions whether the user entered all the fields while reserving the room.

Home Page Document shared with you: "Unit 1" | +

localhost/Hotel_Reservation_System/Home_Reservation_System/home.php

Gmail Maps Register For Classes... Handshake Newark, NJ 10-Day... Amazon.com Shop... Preplinsta Home Sowmya Kampara J... Birthday Freebies 2... Plagiarism Checker... Tome App

YaminiSravantiSowmyaPHP

- HOME
- LOCAL ATTRACTION
- HOTEL DINING SERVICE
- SHOPPING

Reservation

Please select your check-in and check-out dates, number of rooms, and number of adults and children below. We will show you the available rooms for your stay.

Check-in date:

Check-out date:

 ! Please fill out this field.

Number of rooms:

Number of adults:

Number of children:

Search

Cloudy 41°F 11:24 PM 3/12/2023

As Ur Hc 07 Gi Hc Re 30 co fo sh N Rn ba W H da Pe Gr +

localhost/Hotel_Reservation_System/Home_Reservation_System/home.php

Gmail Maps Register For Classes... Handshake Newark, NJ 10-Day... Amazon.com Shop... Preplinsta Home Sowmya Kampara J... Birthday Freebies 2... Plagiarism Checker... Tome App

YaminiSravantiSowmyaPHP

- HOME
- LOCAL ATTRACTION
- HOTEL DINING SERVICE
- SHOPPING

mm/dd/yyyy

Number of rooms:

Number of adults:

Number of children:

Search

Enter confirmation number:

Search

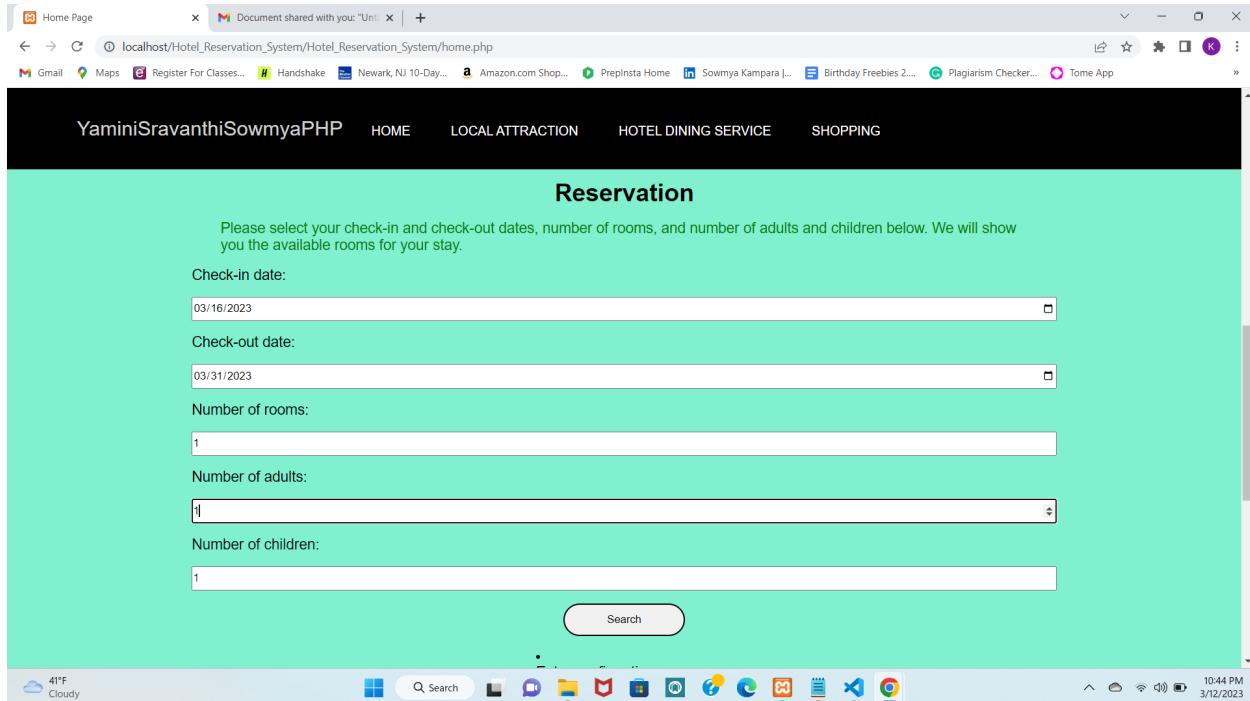
Available rooms

Sorry, no rooms available for your selected dates.

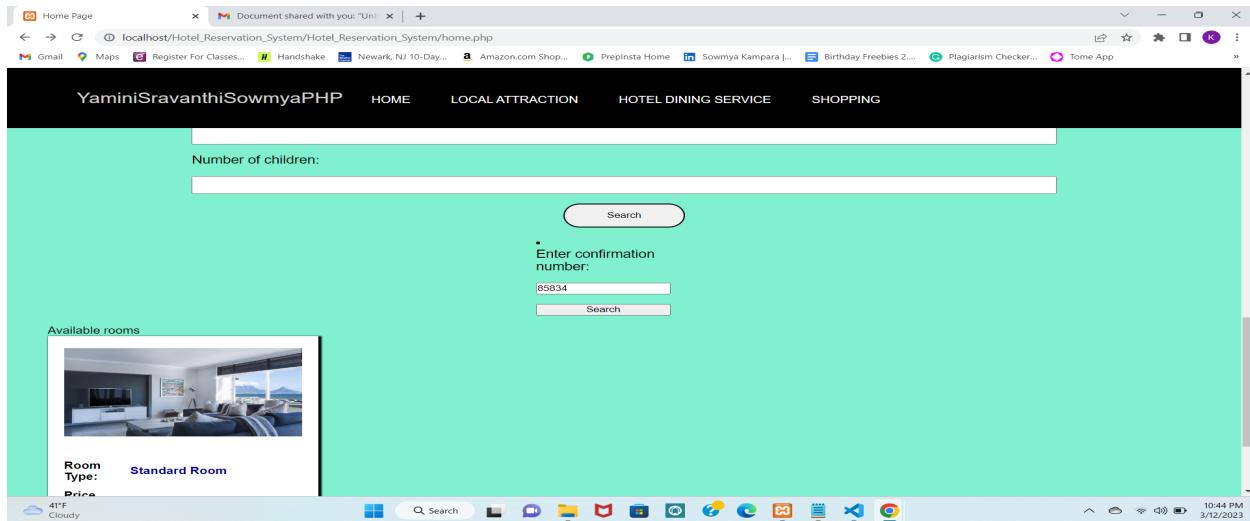
Cloudy 11:25 PM 3/12/2023

This is the reservation page where the user is giving information about checkin and checkout details and about the number of peoples staying in the

room, like the number of adults and childrens that they wish to stay in the room.

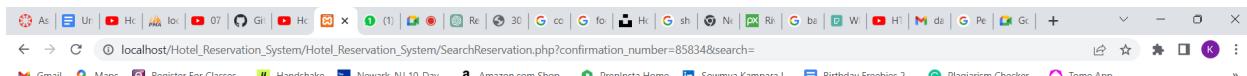


It allows the user to search a reservation information after booking the room by asking to enter confirmation number. With respective to the confirmation number and room type we are able to retrieve the the confirmation page details.



Confirmation Details Page :

It displays a confirmation message that shows all the information that the user entered in the process of booking the room in the hotel.



Confirmation Details

User Name Waseem Shahzad
Address H-No-152/153 Wakeel House, Milat Town, Faisalabad
Street Name Khayyaban
City Faisalabad
State Punjab
Phone Number 03419648099
Email w4w.w4me@gmail.com
Room Type Standard Room
Stay Period 2023-03-04 to 2023-03-07
Cost of Stay 120
Confirmation Number: 85834



Local Attraction:

New York City is a city of endless possibilities and there are countless other attractions to explore, from world-class museums to trendy neighborhoods and hidden gems. Manhattan - as the most famous borough of New York City, Manhattan offers an incredible array of attractions such as Central Park, Times Square, and the Empire State Building.

Local Attraction - My City

localhost/Hotel_Reservation_System/Hotel_Reservation_System/local_attraction.php

Gmail Maps Register For Classes... Handshake Newark, NJ 10-Day... Amazon.com Shop... Preplinsta Home Sewmya Kampara J... Birthday Freebies 2... Plagiarism Checker... Tome App

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About the Attraction

New York City is a city of endless possibilities and there are countless other attractions to explore, from world-class museums to trendy neighborhoods and hidden gems. Manhattan - as the most famous borough of New York City, Manhattan offers an incredible array of attractions such as Central Park, Times Square, and the Empire State Building. Brooklyn - known for its vibrant and creative culture, Brooklyn offers numerous trendy neighborhoods such as Williamsburg, DUMBO, and Park Slope, as well as the famous Coney Island. Queens - home to many diverse communities and cultural attractions, Queens is also where you'll find the iconic Unisphere and the sprawling Flushing Meadows-Corona Park. Hudson River is a famous river that flows through eastern New York State in the United States. It is a scenic and historic destination that offers a wide range of attractions and activities. The Metropolitan Museum of Art - one of the largest and most comprehensive art museums in the world, housing an extensive collection of art and artifacts from around the world. Central Park - a massive green oasis in the heart of the city that offers a wide range of recreational activities such as jogging, picnicking, and horse-drawn carriage rides. Times Square - is a bustling commercial and entertainment hub that features bright lights, billboards, and world-famous theaters. Empire State Building - an iconic skyscraper that offers breathtaking views of the city from its observation deck.

Gallery

40°F Rain tonight

Search

10:09 PM 3/12/2023

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Local Information

Exchange Place: A transportation hub and business district in downtown Jersey City, located on the Hudson River waterfront. It offers stunning views of the Manhattan skyline and is a popular spot for locals and tourists alike.

Times Square: A major commercial intersection and tourist destination in Midtown Manhattan, known for its bright lights, billboards, and theaters. It is also home to the annual New Year's Eve ball drop celebration.

Weather: The climate in My City is mild with four distinct seasons. Summers are warm and humid, while winters are cold and snowy. Spring and fall are mild and pleasant.

Currency: The currency used in My City is the US Dollar (USD).

Language: English is the primary language spoken in My City.

Hotel Dining Service:

Our hotel provides various dining services with all continental food. We have various dining services like Delish Diner, Flavourful Bites Cuisine Carousel and Fusion feast.

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Hotel Dining Service



Delish Diner
Delish Diner is a cozy and welcoming restaurant that serves classic American diner dishes with a modern twist. The menu features burgers, sandwiches, salads, and milkshakes made from scratch using fresh and high-quality ingredients sourced from local suppliers. The staff is friendly and attentive, and the atmosphere is nostalgic and homey.

[Learn More](#)



Flavorful Bites
Flavorful Bites is a contemporary restaurant that offers a unique and diverse culinary experience. The menu features a range of international dishes that are carefully crafted to deliver bold and flavorful bites. From Asian-inspired stir-fry dishes to Mediterranean-style flatbreads, there's something for everyone.

[Learn More](#)



Cuisine Carousel
Cuisine Carousel is a vibrant and dynamic restaurant that offers a unique dining experience inspired by world cuisines. The menu features a wide variety of dishes from around the globe, all carefully crafted to deliver an explosion of flavors.

[Learn More](#)

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[Learn More](#)



Fusion Feast
Fusion Feast is an innovative and exciting restaurant that offers a fusion of cuisines from around the world. The menu features a creative blend of flavors and ingredients from different culinary traditions, resulting in a unique and unforgettable dining experience.

[Learn More](#)

Shopping malls:

We are nearby shopping malls in walkable distance. The Galleria, Metropolitan Marketplace and Orchad place. We also provide discounts the our customers.

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Shopping Malls



The Galleria
Sale 30%



Metropolitan Marketplace
Sale 50%

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Metropolitan Marketplace
Sale 50%



Orchard Place
Sale 60%

Chapter5 : Discussion and Conclusions

Our hotel website allows users to select check-in and check-out dates, select the number of rooms, and choose the number of adults and children. We are also validating the user's selection like the checkout date shall be later than the check-in date. A number of people shall be positive etc.

In future we will work on payment methods where it allows the customers to pay for their reservations using various payment methods like credit cards, debit cards, or PayPal and customer support system to contact the hotel's customer support team through various channels, like email, phone, or chat. and also security system to ensure that the website is secure from hackers and cyber threats. It includes measures like SSL encryption, firewalls, and security protocols to keep user data safe.

References :

<https://www.geeksforgeeks.org/>

<https://www.cloudbeds.com/articles/hotel-reservation-system/>