



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Summer 2019-2020

Project Title: HOTEL MANAGEMENT SYSTEM
Section: C

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HOTEL MANAGEMENT SYSTEM

Project Description:

IN THIS PROJECT ,WE TRIED TO REDUCE THE PROBLEMS OF HOTEL WORKERS .WE TRIED TO AS MUCH AS WE CAN USE CREATE THE SYSTEM LIKE THAT ONE RECEIPTINIST FOR SOME WORKS . THE KEY FEATURE , WE IMPLEMENT HERE FOR THE USER WE AUTOMATE THE SYSTEM IN THAT MANNER , WITHOUT ANY INTERFERENCE OF THE RECEPTIONIST OR ANY HOTEL WORKER ONE CAN BOOK A ROOM WHENEVER THEY WANT.

Project Folder Structure:

.git	9/23/2020 2:39 AM	File folder	
css	9/23/2020 1:51 AM	File folder	
database	9/22/2020 8:17 PM	File folder	
guest	9/23/2020 1:44 AM	File folder	
js	9/18/2020 2:26 AM	File folder	
manager	9/23/2020 1:51 AM	File folder	
owner	9/23/2020 1:54 AM	File folder	
receptionist	9/22/2020 10:39 PM	File folder	
rss	9/23/2020 1:51 AM	File folder	
.gitattributes	9/18/2020 1:10 AM	Text Document	1 KB
aboutus.php	9/22/2020 5:18 AM	PHP File	2 KB
check_password_ajax.php	9/20/2020 6:24 PM	PHP File	1 KB
check_username_ajax.php	9/18/2020 1:10 AM	PHP File	1 KB
contact.php	9/22/2020 5:18 AM	PHP File	2 KB
gellery.php	9/22/2020 5:18 AM	PHP File	2 KB
index.php	9/22/2020 7:26 PM	PHP File	1 KB
login.php	9/23/2020 1:43 AM	PHP File	5 KB
logout.php	9/22/2020 6:56 PM	PHP File	1 KB
Ourservices.php	9/22/2020 5:18 AM	PHP File	4 KB
README.md	9/18/2020 2:32 AM	MD File	1 KB


C > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > css

Name	Date modified	Type	Size
image	9/23/2020 1:25 AM	File folder	
blank.css	9/19/2020 9:23 AM	CSS File	4 KB
home.css	9/19/2020 9:23 AM	CSS File	5 KB
login.css	9/19/2020 9:40 PM	CSS File	3 KB
managerdashboard.css	9/22/2020 8:19 PM	CSS File	2 KB
ownerdashboard.css	9/23/2020 1:51 AM	CSS File	2 KB
registration.css	9/19/2020 9:40 PM	CSS File	3 KB
team.css	9/22/2020 5:18 AM	CSS File	2 KB






HOTEL MANAGEMENT SYSTEM











PC > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > database

Name	Date modified	Type	Size
 db_connect.php	9/18/2020 1:10 AM	PHP File	1 KB

PC > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > js

Name	Date modified	Type	Size
 add_by_owner.js	9/18/2020 10:55 AM	JS File	1 KB
 registration_validation.js	9/18/2020 11:01 AM	JS File	4 KB
 update_user.js	9/22/2020 5:38 PM	JS File	1 KB













PC > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > guest

Name	Date modified	Type	Size
 chat_box.php	9/20/2020 10:13 AM	PHP File	1 KB
 deletprebook.php	9/21/2020 11:50 AM	PHP File	1 KB
 history.php	9/23/2020 1:37 AM	PHP File	3 KB
 pre_booking.php	9/23/2020 2:38 AM	PHP File	10 KB
 pre_booking_details.php	9/23/2020 1:45 AM	PHP File	3 KB
 pre_booking_final.php	9/22/2020 4:13 AM	PHP File	4 KB
 registration.php	9/23/2020 1:29 AM	PHP File	6 KB
 report.php	9/20/2020 10:13 AM	PHP File	4 KB
 update_user.php	9/22/2020 5:51 PM	PHP File	9 KB
 user_dashboard.php	9/20/2020 10:13 AM	PHP File	1 KB











HOTEL MANAGEMENT SYSTEM







PC > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > manager

Name	Date modified	Type	Size
 add_receptionist.php	9/23/2020 1:51 AM	PHP File	5 KB
 booked_report.php	9/22/2020 10:39 PM	PHP File	4 KB
 booking.php	9/22/2020 8:19 PM	PHP File	10 KB
 financial_report.php	9/23/2020 1:50 AM	PHP File	3 KB
 manager_dashboard.php	9/22/2020 8:19 PM	PHP File	2 KB
 picture_customize.php	9/22/2020 11:17 PM	PHP File	12 KB
 prebooked_report.php	9/22/2020 10:39 PM	PHP File	4 KB
 pricing_view.php	9/19/2020 9:51 PM	PHP File	1 KB
 receptionist_attendance.php	9/22/2020 9:28 PM	PHP File	3 KB
 report_by_customer.php	9/22/2020 11:17 PM	PHP File	3 KB
 room_customize.php	9/22/2020 11:17 PM	PHP File	6 KB
 setting.php	9/23/2020 1:51 AM	PHP File	5 KB

PC > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > owner

Name	Date modified	Type	Size
 add_manager.php	9/23/2020 1:51 AM	PHP File	5 KB
 add_owner.php	9/23/2020 1:51 AM	PHP File	5 KB
 booked_report.php	9/23/2020 1:53 AM	PHP File	4 KB
 financial_report.php	9/23/2020 1:54 AM	PHP File	3 KB
 owner_dashboard.php	9/23/2020 1:51 AM	PHP File	4 KB
 prebooked_report.php	9/23/2020 1:51 AM	PHP File	4 KB
 report_by_customer.php	9/23/2020 1:55 AM	PHP File	3 KB
 setting.php	9/23/2020 1:51 AM	PHP File	5 KB

PC > Local Disk (C:) > xampp > htdocs > Hotel-Management-System-io > rss

Name	Date modified	Type	Size
 Dheader&navbarfor_manager.php	9/22/2020 11:17 PM	PHP File	3 KB
 Dheader&navbarfor_user.php	9/23/2020 1:44 AM	PHP File	2 KB
 footer.php	9/23/2020 1:18 AM	PHP File	2 KB
 header.php	9/22/2020 7:26 PM	PHP File	2 KB
 header_for_owner.php	9/23/2020 1:51 AM	PHP File	3 KB
 header_for_receptionist..php	9/22/2020 7:35 PM	PHP File	3 KB

Core Modules of the Project:

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

For example:



HOTEL MANAGEMENT SYSTEM

Login.php

```
<?php
session_start();

include "database/db_connect.php";
$username_err=$pass_err="";
$flag=0;
$username=$pass="";
if($_SERVER["REQUEST_METHOD"] == "POST")
{
    if(empty($_POST['uname']))
    {
        $username_err="user name can not be empty";
        $flag=1;
    }
    else{
        $username=validate($_POST['uname']);
        $username = strtoupper($username);
        $username=mysqli_real_escape_string($con,$username);
    }
    if(empty($_POST['pass']))
    {
        $pass_err="Password can not be empty";
        $flag=1;
    }
}
```



HOTEL MANAGEMENT SYSTEM

```
else{
    $pass=$_POST['pass'];
    $pass=mysqli_real_escape_string($con,$pass
);
}

login_validation();
}
function validate($data)
{
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
function login_validation()
{
    global $flag,$uname,$pass,$con,$uname_err,$pas
s_err;
    $pass_db = "";
    $u_type=0;
    if($flag==0)
    {
        $query="select * from login where user_name
='$uname'";
```



HOTEL MANAGEMENT SYSTEM

```
$result=mysqli_query($con,$query);
$row=mysqli_num_rows($result);
if($row>0){
    while($row = mysqli_fetch_assoc($result
)){
        $u_type=$row['user_type'];
        $pass_db=$row['password'];

    }

    if(password_verify($pass, $pass_db)){
        if($u_type==1){
            $_SESSION['user_name']=$uname;

            header("location:guest/user_da
shboard.php");
        }
        elseif($u_type==2)
        {
            $_SESSION['user_name']=$uname;
            $_SESSION['user_type']=2;
            $entry_time = date(" h:i:sa ");
;

            $date = date(" Y-m-d");

            $uname = strtoupper($uname);
```



HOTEL MANAGEMENT SYSTEM

```
        $uname = mysqli_real_escape_string($con , $uname);
        $entry_time = mysqli_real_escape_string($con , $entry_time);
        $date = mysqli_real_escape_string ($con , $date);

        $key_u = "$uname.$date";

        $sql = "select * from receptionist_timing where u_date = '$key_u' ";
        $r = mysqli_query($con, $sql);
        $row1 = mysqli_num_rows($r);
        echo $row1;
        if($row1<1)
        {
            $sql1 = "insert into receptionist_timing(user_name , date , entry_time , exit_time ,u_date) values('$uname' , '$date' , '$entry_time' , 'n' , '$key_u')";
            if(mysqli_query($con , $sql1))
            {
                header("location:receptionist/receptionist_dashboard.php");
            }
        }
    }
}
```



HOTEL MANAGEMENT SYSTEM

```
        }
        else
        {
            echo "setting time error".mysql_error($con);
        }

    }
    else
    {
        header("location:receptionist/receptionist_dashboard.php");
    }
}

elseif($u_type==3){
    $_SESSION['user_name']=$uname;
    header("location:manager/manager_dashboard.php");
}
elseif($u_type==4){
    $_SESSION['user_name']=$uname;
    header("location:owner/owner_dashboard.php");
}
}
```



HOTEL MANAGEMENT SYSTEM

```
        else{
            $pass_err = "password doesnot mat
ch";
        }
    }
    else{
        $uname_err = "USername doesnot exist";
    }
}
?>

<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="css/login.css">
</head>
<body>
<!-- header -->
<div class="menu">
    <div class="leftmenu">
        <h3><a href="index.php">

        <div class="logo">
```



HOTEL MANAGEMENT SYSTEM

```

        <img src= "css/image/LOGO.png" cl
ass="img" style="width: 100%; padding-
top: 10px; height: 110px">
    </div>

    </a></h3>
</div>
<div class="rightmenu">
    <ul>
        <li><a href="index.php">HOME</a></li>
        <li><a href="ourservices.php">Services
</a></li>
        <li><a href="gellery.php">Gallery</a><
/li>

        <li><a href="aboutus.php">About Us</a>
</li>

        <li>
            <a href="contact.php">Contact</a>
        </li>
    </ul>
</div>
</div>
<!-- header -->
```



HOTEL MANAGEMENT SYSTEM

```
<form method="post" action="<?php htmlspecialchars
($_SERVER['PHP_SELF'])?>">
    <div>
<fieldset class='field'>
<legend>WELCOME TO LOGIN</legend>
    <table class='table'>
        <tr>
            <td><p>USERNAME</p></td>
        </tr>
        <tr>
            <td><input type="text" name="uname" id="un
ame" value="<?php echo $uname;?>" placeholder="USE
RNAME"></td>
        </tr>
        <tr class='error'>
            <td><div style="color:blue;"><?php echo $u
name_err;?></div></td>
        </tr>
        <tr>
            <td><p>PASSWORD</p></td>
        </tr>
        <tr>
            <td><input type="Password" name="pass" id=
"pass" placeholder='PASSWORD'></td>
        </tr>
```



HOTEL MANAGEMENT SYSTEM

```
<tr class='error'>
    <td><div style="color:blue;"><?php echo $
pass_err;?></div></td>
</tr>

<tr>
    <td><input type="submit" name="submit" val
ue="LOGIN"></td>
</tr>
</table>
<p> DON'T HAVE ACCOUNT <a href='guest/registrat
ion.php'>REGISTER NOW!</a>
</fieldset>
</div>
</form>
</body>
</html>
```

Pre_booking.php

```
<?php
session_start();
include "../database/db_connect.php";

$class = $category = $check_in = $check_out = $tot
al_cost = $price = $error_message = $payment = ""
;
```



HOTEL MANAGEMENT SYSTEM

```
$rn_booked = $room_available = [];  
$available = 0;  
  
if(isset($_SESSION['user_name']))  
{  
    if($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST['btn_check']))  
    {  
        if(empty($_POST['class']))  
        {  
            $error_message = "class can not be empty";  
        }  
        else  
        {  
            $class = $_POST['class'];  
            $class=mysqli_real_escape_string($con,$class  
);  
        }  
  
        if(empty($_POST['category']))  
        {  
            $error_message = "Category can not be empty"  
;  
        }  
        else  
        {
```



HOTEL MANAGEMENT SYSTEM

```
$category = $_POST['category'];  
$category=mysqli_real_escape_string($con,$category);  
}  
  
if(empty($_POST['checkin']))  
{  
  
}  
else  
{  
    $check_in = $_POST['checkin'];  
}  
  
if(empty($_POST['checkout']))  
{  
  
}  
else  
{  
    $check_out = $_POST['checkout'];  
    //validation for check the date  
}  
  
$i=0;
```



HOTEL MANAGEMENT SYSTEM

```
$sql= "SELECT * FROM pre_booking";
$result = mysqli_query($con , $sql);
$row = mysqli_num_rows($result);

if($row>0)
{
    while($row = mysqli_fetch_assoc($result))
    {
        $d1 = $row['pre_check_in'];
        $d2 = $row['pre_check_out'];

        $check_in_input = date('Y-m-
d', strtotime($check_in));
        $check_out_input = date('Y-m-
d', strtotime($check_out));
        $startDate = date('Y-m-
d', strtotime($d1));
        $endDate = date('Y-m-d', strtotime($d2));

        if (($check_in_input >= $startDate) && ($c
heck_in_input <= $endDate) || ($check_out_input >
= $startDate) && ($check_out_input <= $endDate))
        {
            $rn_booked[$i] = $row["room_number"];
            $i++;
        }
    }
}
```



HOTEL MANAGEMENT SYSTEM

```
elseif(($startDate>= $check_in_input) && ($startDate <= $check_out_input) || ($endDate >= $check_in_input) && ($endDate <= $check_out_input))
{
    $rn_booked[$i] = $row["room_number"];
    $i++;
}

}

}

$sql1 = "SELECT * FROM room_booking";

$result1 = mysqli_query($con , $sql1);

$row = mysqli_num_rows($result1);

if($row>0)
{
    while($row = mysqli_fetch_assoc($result1))
    {
        $d1 = $row['check_in'];
        $d2 = $row['check_out'];

        $check_in_input = date('Y-m-d', strtotime($check_in));
```



HOTEL MANAGEMENT SYSTEM

```
$check_out_input = date('Y-m-  
d', strtotime($check_out));  
$startDate = date('Y-m-  
d', strtotime($d1));  
$endDate = date('Y-m-d', strtotime($d2));  
  
if (($check_in_input >= $startDate) && ($c  
heck_in_input <= $endDate) || ($check_out_input >  
= $startDate) && ($check_out_input <= $endDate))  
{  
    $rn_booked[$i] = $row["room_number"];  
    $i++;  
}  
elseif(($startDate>= $check_in_input) && (  
$startDate <= $check_out_input) || ($endDate >= $  
check_in_input) && ($endDate <= $check_out_input))  
{  
    $rn_booked[$i] = $row["room_number"];  
    $i++;  
}  
}  
}  
  
$rn_booked = array_unique($rn_booked);
```



HOTEL MANAGEMENT SYSTEM

```
$sql2 = "SELECT * FROM room_details WHERE clas
s= '$class' AND category ='$category'";

$result2 = mysqli_query($con , $sql2);

$row = mysqli_num_rows($result2);

if($row>0)
{
    while($row = mysqli_fetch_assoc($result2))
    {
        array_push($room_available,$row['room_numbe
er']);
    }

    for($i=0;$i<count($rn_booked);$i++)
    {
        $index = array_search($rn_booked[$i],$room
_available,true);
        unset($room_available[$index]);
    }
    $room_available = array_values ($room_availa
ble);

    if(count($room_available)>0)
    {
```



HOTEL MANAGEMENT SYSTEM

```
$available = 1;
$sql3 = "select price from room_details where room_number = '$room_available[0]' ";
$result3 = mysqli_query($con, $sql3);
while($row = mysqli_fetch_assoc($result3) )
{
    $price = $row['price'];
}
$date1=date_create($check_in);
$date2=date_create($check_out);
$diff=date_diff($date1,$date2);
$total_days = $diff->format("%a");

$total_cost = $total_days * $price ;
$payment = $total_cost/5;

$_SESSION['room'] = $room_available[0];
$_SESSION['payment'] = $payment;
$_SESSION['total_cost'] = $total_cost;
$_SESSION['pre_checkin'] = $check_in;
$_SESSION['pre_checkout'] = $check_out;
}
else
{
    $error_message = "room not available ";
}
```



HOTEL MANAGEMENT SYSTEM

```
}  
else  
{  
    $error_message = "room not available";  
}  
}  
  
if($_SERVER["REQUEST_METHOD"] == "POST" && isset  
($_POST['btn_book']))  
{  
    //must unset this values  
    $room = $_SESSION['room'] ;  
    $payment = $_SESSION['payment'] ;  
    $total_cost = $_SESSION['total_cost'];  
    $payment_due = $total_cost - $payment ;  
    $pre_check_in = $_SESSION['pre_checkin'] ;  
    $pre_check_out = $_SESSION['pre_checkout'] ;  
  
    $uname = $_SESSION['user_name'];  
  
    $sql = "insert into pre_booking(user_name , ro  
om_number , payment , Totalcost , Payment_due , ch  
eck_in , check_out , pre_check_in , pre_check_out  
 , status) values('$uname' , '$room' , '$payment' ,
```



HOTEL MANAGEMENT SYSTEM

```
'$total_cost' , '$payment_due' , 'N' , 'N' , '$pre_check_in', '$pre_check_out', 'New') ";

    if(mysqli_query($con,$sql))
    {
        $error_message = "BOOKING CONFIRMED";
    }
    else
    {
        echo "log in table Error: " . $sql. "<br>" .
mysqli_error($con);
    }
    mysqli_close($con);
    unset($_SESSION['room'] );
    unset($_SESSION['payment'] );
    unset($_SESSION['total_cost'] );
    unset($_SESSION['pre_checkin'] );
    unset($_SESSION['pre_checkout'] );

}

}
else
{
    header("Location: ../login.php");
}
```



HOTEL MANAGEMENT SYSTEM

```
include "../rss/Dheader&navbarfor_user.php";
?>

<style>
*{
    margin: 0px;
    padding: 0;
    box-sizing: border-box;
    outline: none;
    font-family: 'Josefin Sans', sans-serif;
    font-weight: bold;
}

body{

}

.wrapper{
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%,-50%);
    max-width: 350px;
    width: 100%;
    background: #fff;
```



HOTEL MANAGEMENT SYSTEM

```
padding: 25px;
border-radius: 5px;
}

.wrapper h2{
  text-align: center;
  margin-bottom: 20px;
  text-transform: uppercase;
  letter-spacing: 3px;
  color: #332902;
}

.wrapper .input_field{
  margin-bottom: 36px;
  line-height: 53px;
}

.wrapper .input_field input[type="text"],
.wrapper textarea{
  border: 1px solid #e0e0e0;
  width: 100%;
  padding: 10px;
}

.wrapper textarea{
```



HOTEL MANAGEMENT SYSTEM

```
resize: none;
height: 64px;
}

.wrapper .btn input[type="submit"]{
border: 0px;
margin-top: 15px;
padding: 10px;
text-align: center;
width: 100%;
background: #fece0c;
color: #332902;
text-transform: uppercase;
letter-spacing: 5px;
font-weight: bold;
border-radius: 25px;
cursor: pointer;
}

#error_message{
margin-bottom: 20px;
background: #fe8b8e;
padding: 0px;
text-align: center;
font-size: 14px;
transition: all 0.5s ease;
```



HOTEL MANAGEMENT SYSTEM

```
}

</style>
<section>
  <div class="main-section">
    <div class="dashbord">
      <div class="icon-section">

        <div class="wrapper">
          <h2>Update Profile</h2>
          <div id="error_message"><?php echo $erro
r_message; ?></div>
          <form name='update' method="POST" action="<?php ht
mlspecialchars($_SERVER['PHP_SELF'])?>">

            <div class="input_field">
              <label for="Class">Select Class
:</label>

              <select name="class"><br><br>

                <option value="Premium" select
ed>Premium</option>
                <option value="Economy" >Econo
my</option>
```



HOTEL MANAGEMENT SYSTEM

```

        <option value="Basic">Basic</o
ption>

    </select>

</div>

<div class="input_field">
    <label for="Class">Select Catago
ry :</label>
    <select name="category"><br><br>
>
        <option value="Single" selecte
d>Single</option>
        <option value="Double" >Double
</option>
        <option value="Family">Family<
/option>

    </select>

</div>

<div class="input_field">
```



HOTEL MANAGEMENT SYSTEM

```
        <label for="checkin">Checkin :
</label >
        <input type="date" id="in" nam
e="checkin">

    </div>

    <div class="input_field">
        <label for="checkin">Checkout
:</label >
        <input type="date" id="out" na
me="checkout">

    </div>
    <?php if ($available == 0) {?>

    <div class="btn">
        <tr>
            <td colspan=2><input type="submit" name="
btn_check" value="Check" id='btn_submit'></td>
        </tr>
    </div>
    <?php } ?>

    <?php if ($available == 1) {?>
```



HOTEL MANAGEMENT SYSTEM

```
<tr>
    <td><p>TOTAL COST</p></td>
</tr>
<tr>
    <td><label> <?php echo $total_cost; ?> </
label> </td>
</tr>

<tr>
    <td><p>Payment</p></td>
</tr>
<tr>
    <td><label><?php echo $payment; ?></label
></td>
</tr>

<div class="btn">
    <tr>
        <td colspan=2><input type="submit" name="
btn_book" value="Book" id='btn_submit'></td>
    </tr>
</div>
<?php } ?>

</div>
```



HOTEL MANAGEMENT SYSTEM

```
</form>
</body>
</html>
```

booking.php

```
<?php
session_start();
include "../rss/header_for_receptionist..php";
include "../database/db_connect.php";

$class = $category = $check_in = $check_out = $total_cost = $price = $error_message = $payment = ""
;
$rn_booked = $room_available = $first_result = [];
$avialable = 0;

if(isset($_SESSION['user_name']))
{
    $first = "SELECT * FROM room_details";
    $first_result = mysqli_query($con , $first);

    if($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST['btn_check']))
    {
```



HOTEL MANAGEMENT SYSTEM

```
if(empty($_POST['class']))
{
    $error_message = "class can not be empty";
}
else
{
    $class = $_POST['class'];
    $class=mysqli_real_escape_string($con,$class
);
}

if(empty($_POST['category']))
{
    $error_message = "Category can not be empty"
;
}
else
{
    $category = $_POST['category'];
    $category=mysqli_real_escape_string($con,$category);
}

if(empty($_POST['cin']))
{
```



HOTEL MANAGEMENT SYSTEM

```
}  
else  
{  
    $check_in = $_POST['cin'];  
}  
  
if(empty($_POST['cout']))  
{  
  
}  
else  
{  
    $check_out = $_POST['cout'];  
    //validation for check the date  
}  
  
$i=0;  
  
$sql= "SELECT * FROM pre_booking";  
$result = mysqli_query($con , $sql);  
$row = mysqli_num_rows($result);  
  
if($row>0)  
{  
    while($row = mysqli_fetch_assoc($result))  
    {
```



HOTEL MANAGEMENT SYSTEM

```
$d1 = $row['pre_check_in'];
$d2 = $row['pre_check_out'];

$check_in_input = date('Y-m-
d', strtotime($check_in));
$check_out_input = date('Y-m-
d', strtotime($check_out));
$startDate = date('Y-m-
d', strtotime($d1));
$endDate = date('Y-m-d', strtotime($d2));

if (($check_in_input >= $startDate) && ($c
heck_in_input <= $endDate) || ($check_out_input >
= $startDate) && ($check_out_input <= $endDate))
{
    $rn_booked[$i] = $row["room_number"];
    $i++;
}
elseif(($startDate>= $check_in_input) && (
$startDate <= $check_out_input) || ($endDate >= $
check_in_input) && ($endDate <= $check_out_input))
{
    $rn_booked[$i] = $row["room_number"];
    $i++;
}
```



HOTEL MANAGEMENT SYSTEM

```
    }  
}  
  
$sql1 = "SELECT * FROM room_booking";  
  
$result1 = mysqli_query($con , $sql1);  
  
$row = mysqli_num_rows($result1);  
  
if($row>0)  
{  
    while($row = mysqli_fetch_assoc($result1))  
    {  
        $d1 = $row['check_in'];  
        $d2 = $row['check_out'];  
  
        $check_in_input = date('Y-m-  
d', strtotime($check_in));  
        $check_out_input = date('Y-m-  
d', strtotime($check_out));  
        $startDate = date('Y-m-  
d', strtotime($d1));  
        $endDate = date('Y-m-d', strtotime($d2));
```



HOTEL MANAGEMENT SYSTEM

```
        if (($check_in_input >= $startDate) && ($c
heck_in_input <= $endDate) || ($check_out_input >
= $startDate) && ($check_out_input <= $endDate))
        {
            $rn_booked[$i] = $row["room_number"];
            $i++;
        }
        elseif(($startDate>= $check_in_input) && (
$startDate <= $check_out_input) || ($endDate >= $
check_in_input) && ($endDate <= $check_out_input))
        {
            $rn_booked[$i] = $row["room_number"];
            $i++;
        }
    }
    $avialable = 1;
}
else
{
    $error_message = "room not available";
}

}
if($_SERVER["REQUEST_METHOD"] == "POST" && isset
($_POST['btn_next']))
{
```



HOTEL MANAGEMENT SYSTEM

```
if(empty($_POST['room_number']))
{
    $error_message = "PLEASE SELECT A ROOM N
NUMBER FROM TABLE";
}
else
{

    $room = $_POST['room_number'];
    $rn = mysqli_escape_string($con,$room);
    $_SESSION['room'] = $rn;
    $price = $_POST['price'];
    $_SESSION['price'] = $price;

    header("location:booking_final.php");
}

}

}

else{

    header("Location: ../login.php");
}
```



HOTEL MANAGEMENT SYSTEM

```
?>

<style>
* {
box-sizing: border-box;
}

#myInput {
background-
image: url('https://www.w3schools.com/css/searchicon.png');
background-position: 10px 10px;
background-repeat: no-repeat;
width: 50%;
font-size: 16px;
padding: 12px 20px 12px 40px;
border: 1px solid #ddd;
margin-bottom: 12px;
}

#myTable {
border-collapse: collapse;
width: 50%;
border: 1px solid #ddd;
```



HOTEL MANAGEMENT SYSTEM

```
font-size: 18px;

color: white;
}

#myTable th, #myTable td {
text-align: left;
padding: 12px;
}

#myTable tr {
border-bottom: 1px solid #ddd;
}

#myTable tr.header, #myTable tr:hover {
background-color: mediumseagreen;
}

.container {
border-radius: 5px;
padding: 84px;
}

input[type=submit] {
background-color: #4CAF50;
color: white;
```



HOTEL MANAGEMENT SYSTEM

```
padding: 12px 20px;
border: none;
border-radius: 4px;
cursor: pointer;
float: right;
margin-right: 47%;
}

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

<section>
  <div class="main-section">
    <div class="dashbord">
      <div class="icon-section">
        <form name='update' method="POST" action="<?
php htmlspecialchars($_SERVER['PHP_SELF'])?>">
          <div class="container">
            <center> <h2 style="color:black;">Select Cl
ass
                                <select name="class"><br><br>
```



HOTEL MANAGEMENT SYSTEM

```
        <option value="Premium" >Premium
</option>
        <option value="Economy" >Economy
</option>
        <option value="Basic">Basic</opt
ion>

</select></h2><br>

<center> <h2 style="color:black;">Select Ro
om Catagory
        <select  name="category"><br><br>
>
        <option value="Single"  >Single<
/option>
        <option value="Double"  >Double<
/option>
        <option value="Family" >Family</
option>

</select></h2><br>

<center> <h2 style="color:black">Check in :
<input type="date" name="cin" id="cin"
placeholder="please select a Room" value = "<?p
```



HOTEL MANAGEMENT SYSTEM

```
hp echo $check_in; ?>" > <>||<> <style="color:blac
k">Check out :<input type="date" name="cout" id="c
out" placeholder="please select a Room" value = "<
?php echo $check_out; ?>" ></h2></center><br>

        <div class="row">
            <input type="submit" name="btn_che
ck" value="Check">

        </div><br><br><br>
<!-- label is more suitable here -->
        <center><h2 style="color:white">Room No</h
2><input type="text" name="room_number" id="fname"
placeholder="please select a Room" readonly requi
red><br><br></center>
        <input type="hidden" name="price" id="no">

<!--ei hidden input e price load hosse-->
        <div class="row">
            <input type="submit" name="btn_next" v
alue="Next">
        </div>
        <?php echo $error_message;?>
    </div>
```



HOTEL MANAGEMENT SYSTEM

```
<center><input type="text" id="myInput" onke  
yup="myFunction()" placeholder="Search for roomno  
or roomtag.." title="Type in a name"></center>  
  
<center><table id="myTable">  
<tr class="header">  
  
<th style="color:black">Room No</th>  
  
<th style="color:black">Price</th>  
  
  
  
</tr>  
<tbody>  
<?php  
if($avialable == 0)  
{  
    while($row = mysqli_fetch_assoc($first_result))  
    {  
        echo "<tr>";  
        echo "<td>".$row["room_number"]."</td>";  
        echo "<td>".$row["price"]."</td>";  
        echo "</tr>";  
    }  
}  
else
```



HOTEL MANAGEMENT SYSTEM

```
{
    $rn_booked = array_unique($rn_booked);

    $sql2 = "SELECT * FROM room_details WHERE class=
'$class' AND category = '$category'";

    $result2 = mysqli_query($con , $sql2);

    $row = mysqli_num_rows($result2);

    if($row>0)
    {
        while($row = mysqli_fetch_assoc($result2))
        {
            array_push($room_available,$row['room_number']);
        }
        for($i=0;$i<count($rn_booked);$i++)
        {
            $index = array_search($rn_booked[$i],$room_available,true);
            unset($room_available[$index]);
        }
        $room_available = array_values ($room_available);
    }
}
```



HOTEL MANAGEMENT SYSTEM

```
$room_list=[];
$sql3 = "select * from room_details where class='$class' AND category='$category'";
$result3 = mysqli_query($con, $sql3);
while($row = mysqli_fetch_assoc($result3) )
{
    $room_list[$row['room_number']] = $row['price'];
}

foreach ($room_available as $key => $value)
{
    if(array_key_exists($value,$room_list))
    {
        $room_number = $value;
        $price = $room_list[$value];
        echo "<tr>";
        echo "<td>".$room_number."</td>";
        echo "<td>".$price."</td>";
        echo "</tr>";
    }
}

$date1=date_create($check_in);
$date2=date_create($check_out);
$diff=date_diff($date1,$date2);
$total_days = $diff->format("%a");
```



HOTEL MANAGEMENT SYSTEM

```
// $total_cost = $total_days * $price ;
// $payment = $total_cost/5;

$_SESSION['pre_checkin'] = $check_in;
$_SESSION['pre_checkout'] = $check_out;

}
else
{
    $error_message = "room not available";
}

}
?>

</tbody>

</table></center>

</form>
</div>
```



HOTEL MANAGEMENT SYSTEM

```
        </div>
    </div>
</section>
</body>
</html>

<script>

        var table = document.getElementById
('myTable');

        for(var i = 1; i < table.rows.length; i++)
        {
            table.rows[i].onclick = function()
            {

                document.getElementById("fname").value = this.cells[0].innerHTML;
                document.getElementById("no").value = this.cells[1].innerHTML;

            };
        }
    }
```



HOTEL MANAGEMENT SYSTEM

```
function myFunction() {  
var input, filter, table, tr, td, i, txtValue;  
input = document.getElementById("myInput");  
filter = input.value.toUpperCase();  
table = document.getElementById("myTable");  
tr = table.getElementsByTagName("tr");  
for (i = 0; i < tr.length; i++) {  
    td = tr[i].getElementsByTagName("td")[1];  
    if (td) {  
        txtValue = td.textContent || td.innerText;  
        if (txtValue.toUpperCase().indexOf(filter) >  
-1) {  
            tr[i].style.display = "";  
        } else {  
            tr[i].style.display = "none";  
        }  
    }  
}  
}  
  
</script>
```



HOTEL MANAGEMENT SYSTEM

C02 and C04 Evaluation: Project Report Evaluation					
Completeness (5)	Validation (5)	Feature Implementation (5)	Concept Understanding (5)	Promptness (5)	Total (25)

