



# American International University- Bangladesh

## CSC 3215: Web Technologies

### CO2 and CO4 Evaluation

### Project Report

Summer 2019-2020

**Project Title: HOTEL MANAGEMENT SYSTEM**

**Section: C**

Student Name
Shanto Kumar Saha

# 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 A 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:black">Check out :<input type="date" name="cout" id="cout" placeholder="please select a Room" value = "<?php echo $check_out; ?>" ></h2></center><br>

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

        </div><br><br><br>
<!-- label is more suitable here -->
        <center><h2 style="color:white">Room No</h2><input type="text" name="room_number" id="fname" placeholder="please select a Room" readonly required><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" value="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>
```

