Web_Programming_lab

TKM20MCA-2029

Create a webportal for online booking for a Hotel

a) All Hotel owner can enter their details (name, location, Rooms available (ac/non-ac), rate of ac/non-ac per day etc) in this portal (choose an attractive name for your portal)

b) User can book the hotel through this web portal by giving their name, contact details, name of the hotel, arrival date, no.of rooms needed (ac/non-ac) (if the rooms are not available, display a message)

Display the details of all users who booked for a particular hotel including no.of rooms, rate, name of the user. etc.

DBConnection.php

```php
<?php
 define('DB_SERVER', 'localhost:3306');
 define('DB_USERNAME', 'root');
 //Establishing connection with the database
 define('DB_PASSWORD', '');
 define('DB_DATABASE', 'HOTELS'); //where profile is the database
 $db = mysqli_connect(DB_SERVER,DB_USERNAME,DB_PASSWORD,DB_DATABASE);
?>
```

H_Ownerform.php

```html
<!DOCTYPE HTML>
<html>
<head>
<title>HOTEL</title>

<link rel = "stylesheet" type = "text/css" href="Style.css"/>

<script>
function validate()
{
var fullname = document.register.fullname.value;
var location = document.register.location.value;
var ac = document.register.ac.value;
var nonac = document.register.nonac.value;
var acrate= document.register.acrate.value;
var nonacrate= document.register.nonacrate.value;
if (fullname==null || fullname=="")
{
```

```
alert("Full Name can't be blank");

return false;

}

else if (location==null || location=="")

{

alert("Location can't be blank");

return false;

}

else if (ac==null || ac=="")

{

alert("Please enter available ac rooms");

return false;

}

else if (nonac==null || nonac=="")

{

alert("Please enter available nonac rooms");

return false;

}

else if (acrate==null || acrate=="")

{

alert("Please enter AC rate per day");

return false;

}

else if (nonacrate==null || nonacrate=="")

{

alert("Please enter NONAC rate per day");

return false;

}

}
```

```html
</script>

</head>

<body>


 <div style="text-align:center"><h1>HOTELS</h1></div>

 <br>

<form name="register" method="post" action="H_Owner_Insert.php" onsubmit="return
validate();" >

<table align="center" >

<tr>

<td>Full Name</td>

<td><input type="text" name="fullname" /></td>

</tr>


<tr>

<td>Location</td>

<td><input type="text" name="location" /></td>

</tr>


<tr>

<td>AC Rooms Available</td>

<td><input type="number" name="ac" /></td>

</tr>

<tr>

<td>NonAC Rooms Available</td>

<td><input type="number" name="nonac" /></td>

</tr>

<tr>

<td>AC Room Rate per day</td>

<td><input type="number" name="acrate" /></td>
```

```html
</tr>

<tr>

<td>NonAC Room Rate per day</td>

<td><input type="number" name="nonacrate" /></td>

</tr>




<tr>

<td></td>

<td><input type="submit" value="Submit"></input><input type="reset"
value="Reset"></input></td>

</tr>

</table>

</form>

</body>

</html>
```

H_Owner_Insert.php

```php
<!DOCTYPE HTML>

<html>

<body>

<?php


include("DBConnection.php"); // include the connection object from the DBConnection.php


if ($_SERVER['REQUEST_METHOD'] == 'POST')

{

        $infullname = $_POST["fullname"]; // as the method type in the form is "post" we
are using $_POST otherwise it would be $_GET[]
```

```php
        $inlocation = $_POST["location"];

        $inac = $_POST["ac"];

        $innonac = $_POST["nonac"];

    $inacrate = $_POST["acrate"];

    $innonacrate = $_POST["nonacrate"];


        $stmt = $db->prepare("INSERT INTO
Newhotel(HOTELNAME,LOCATION,AC_ROOM_AVAILABLE,NON_ACROOM_AVAILABLE,ACRO
OM_RATE(perday),NONACROOM_RATE(perday) VALUES(?, ?, ?, ?,?,?)"); //Fetching all the
records with input credentials
        $stmt->bind_param("ssssss",$infullname, $inlocation, $inac,
$innonac,$inacrate,$innonacrate);

        $stmt->execute();

        $result = $stmt->affected_rows;

        $stmt -> close();

        $db -> close();


        if($result > 0)
        {
                header("location: H_Success.php"); // user will be taken to the success page
        }
        else
        {
                echo "Oops. Something went wrong. Please try again";
    ?>
                <a href="H_Owner_Insert.php">Try Login</a>
                <?php
        }


}
?>
```

```
</body>

</html>
```

Userform.php

```php
<!DOCTYPE HTML>

<html>

<head>

<title>HOTEL</title>


<!-- <link rel = "stylesheet" type = "text/css" href="Style.css"/> -->


<script>

function validate()

{

var fullname = document.register.fullname.value;

var phone = document.register.phone.value;

var hname = document.register.hname.value;

var adate = document.register.adate.value;

var rooms= document.register.rooms.value;


if (fullname==null || fullname=="")

{

alert("Full Name can't be blank");

return false;

}

else if (phone==null || phone=="")

{

alert("Phone no can't be blank");

return false;
```

```
}
else if (hname==null || hname=="")
{
alert("Please enter Hotel name");
return false;
}
else if (adate==null || adate=="")
{
alert("Please enter arrival date");
return false;
}
else if (rooms==null || rooms=="")
{
alert("Please number of rooms available");
return false;
}
}
</script>
</head>
<body>

 <div style="text-align:center"><h1>HOTELS</h1></div>
 <br>
<form name="register" method="post" action="Userinsert.php" onsubmit="return validate();" >
<table align="center" >
<tr>
<td>Full Name</td>
<td><input type="text" name="fullname" /></td>
</tr>
```

```html
<tr>
<td>Phone no</td>
<td><input type="text" name="phone" /></td>
</tr>

<tr>
<td>Hotel name</td>
<td><input type="text" name="hname" /></td>
</tr>
<tr>
<td>Arrival date</td>
<td><input type="date" name="adate" /></td>
</tr>
<tr>
<td>Number of rooms needed</td>
<td><input type="number" name="rooms" /></td>
</tr>



<tr>
<td></td>
<td><input type="submit" value="Submit"></input><input type="reset" value="Reset"></input></td>
</tr>
</table>
</form>
</body>
</html>
```

Userinsert.php

```php
<!DOCTYPE HTML>

<html>

<body>

<?php

include("DBConnection.php"); // include the connection object from the DBConnection.php

if ($_SERVER['REQUEST_METHOD'] == 'POST')
{
        $fullname = $_POST["fullname"]; // as the method type in the form is "post" we are using $_POST otherwise it would be $_GET[]

        $phone = $_POST["phone"];

        $hname = $_POST["hname"];

        $adate = $_POST["adate"];

    $rooms = $_POST["rooms"];




        $stmt = $db->prepare("INSERT INTO USER(NAME,PHONE_NO,HOTELNAME,ARRIVAL_DATE,NO_ROOMS_NEEDED) VALUES(?, ?, ?, ?,?)"); //Fetching all the records with input credentials

        $stmt->bind_param("sssss", $fullname, $phone, $hname, $adate,$rooms); //Where s indicates string type. You can use i-integer, d-double

        $stmt->execute();

        $result = $stmt->affected_rows;

        $stmt -> close();

        $db -> close();


        if($result > 0)
        {
```

```php
            header("location: Regsuccess.php"); // user will be taken to the success page
        }
        else
        {
                echo "Oops. Something went wrong. Please try again";
                ?>
                <a href="Userform.php">Try Login</a>
                <?php
        }


}
?>
</body>
</html>
```

RegSuccess.php

```html
<!DOCTYPE HTML>
<html>
<title>Success.php</title>
<body>

<div style="text-align:left"><h1>Registration Successful </h1></div>


<a href="displayuser.php"> To Display User details click here</a>



</body>
</html>
```

Displayuser.php

```php
<!DOCTYPE HTML>

<html>

<body bgcolor="pink">

<center><h2>Simple Hotel Management System</h2></center>

<br>

<?php

include("DBConnection.php");

$query = "select NAME,PHONE_NO,HOTELNAME,ARRIVAL_DATE,NO_ROOMS_NEEDED from USER"; //Display with a book name in the table book_info

$result = mysqli_query($db,$query);


if(mysqli_num_rows($result)>0)

{

?>

<table border="2" align="center" cellpadding="5" cellspacing="5">

<tr>

<th> Name </th>

<th> Phone no </th>

<th> Hotel_name </th>

<th> Arrival_date </th>

<th> Number of rooms needed </th>

</tr>

<?php while($row = mysqli_fetch_assoc($result))

{

?>

<tr>

<td><?php echo $row["NAME"];?> </td>

<td><?php echo $row["PHONE_NO"];?> </td>

<td><?php echo $row["HOTELNAME"];?> </td>
```

```php
<td><?php echo $row["ARRIVAL_DATE"];?> </td>

<td><?php echo $row["NO_ROOMS_NEEDED"];?> </td>

</tr>

<?php

}

}


?>
</table>

</body>

</html>

<br>
```

Output

HOTELS

Full Name	Ananya
Phone no	9072828222
Hotel name	Taj
Arrival date	15 - 07 - 2021
Number of rooms needed	1

Submit Reset

Registration Successful

To Display User details click here

Simple Hotel Management System

Name	Phone no	Hotel_name	Arrival_date	Number of rooms needed
rasi	6378828222	Naz	2021-07-06	1
rasi	6378828222	Naz	2021-07-06	1
Ananya	9072828222	Taj	2021-07-15	1

Git link: https://github.com/rasikavv/Web_programming_LABEXAM.git