

# **S1 EXTERNAL LAB EXAMINATION**

## **WEB PROGRAMMING LAB**

**SUBMITTED BY**

**University Reg No-TKM20MCA-2024**

**Git Repo Link:**

[git@github.com:NandanaAnil/Web-programming-lab.git](https://github.com/NandanaAnil/Web-programming-lab.git)

## **QUESTION:**

Create a web portal 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 the users who booked for a particular hotel including no:of rooms,rate,name of the user etc

**DESIGN:** Create html pages EnterDetails.php, InsertDetails.php, SearchDetails.php, DisplayDetails.php, DBConnection.php

1. DB Connection implements the connection with database.
2. A prompt is used to accept values from user.
3. Stores the values from the user to database and give an acknowledgement to user.
4. Result is displayed as per the user's search query.

## **PROGRAM CODE:**

EnterDetails.php	<pre>&lt;!DOCTYPE HTML&gt; &lt;html&gt; &lt;body bgcolor="cyan"&gt; &lt;center&gt;&lt;h2&gt;Online hotel booking&lt;/h2&gt;&lt;/center&gt; &lt;form action="InsertDetails.php" method="post"&gt;  &lt;table border="2" align="center" cellpadding="5" cellspacing="5" &gt; &lt;tr&gt; &lt;td&gt; Enter Name :&lt;/td&gt; &lt;td&gt;&lt;input type="text" name="name" size="48"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; Enter Phone Number :&lt;/td&gt; &lt;td&gt;&lt;input type="text" name="phno" size="48"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; Enter Hotel Name :&lt;/td&gt; &lt;td&gt;&lt;input type="text" name="hname" size="48"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; Enter Date :&lt;/td&gt;</pre>
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	<pre> &lt;td&gt;&lt;input type="text" name="date" size="48"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; Enter No of rooms: &lt;/td&gt; &lt;td&gt;&lt;input type="text" name="roomno" size="48"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;&lt;/td&gt; &lt;td&gt; &lt;input type="submit" value="submit"&gt; &lt;input type="reset" value="Reset"&gt; &lt;/td&gt; &lt;/tr&gt; &lt;/table&gt; &lt;/form&gt; &lt;/body&gt; &lt;/html&gt; </pre>
InsertDetails.php	<pre> &lt;!DOCTYPE HTML&gt; &lt;html&gt; &lt;body bgcolor="cyan"&gt; &lt;center&gt;&lt;h2&gt;Online hotel booking&lt;/h2&gt;&lt;/center&gt; &lt;br&gt;  &lt;?php include("DBConnection.php");  \$name=\$_POST["name"]; \$phno=\$_POST["phno"]; \$hname=\$_POST["hname"]; \$date=\$_POST["date"]; \$roomno=\$_POST["roomno"];  \$query = "insert into hotel_info(name,phno,hname,date,roomno) va lues('\$name','','\$phno','\$hname','\$date','\$roomno')"; \$result = mysqli_query(\$db,\$query);  ?&gt;  &lt;h3&gt; Hotel information is inserted successfully &lt;/h3&gt;  &lt;a href="SearchDetails.php"&gt; To search for the Hotel information click here &lt;/a&gt;  &lt;/body&gt; &lt;/html&gt; </pre>
SearchDetails.php	<pre> &lt;!DOCTYPE HTML&gt; </pre>

	<pre> &lt;html&gt; &lt;body bgcolor="cyan"&gt; &lt;center&gt;&lt;h2&gt;Online hotel booking&lt;/h2&gt;&lt;/center&gt; &lt;form action = "DisplayDetails.php" method="get"&gt; &lt;br&gt; &lt;center&gt;Enter the name of hotel to be booked : &lt;input type="text" name="search" size="48"&gt; &lt;br&gt;&lt;/br&gt; &lt;input type="submit" value="submit"&gt; &lt;input type="reset" value="Reset"&gt; &lt;/center&gt; &lt;br&gt; &lt;/form&gt; &lt;/body&gt; &lt;/html&gt; </pre>
DisplayDetails.php	<pre> &lt;!DOCTYPE HTML&gt; &lt;html&gt; &lt;body bgcolor="cyan"&gt; &lt;center&gt;&lt;h2&gt;Online Hotel Booking&lt;/h2&gt;&lt;/center&gt; &lt;br&gt;  &lt;?php include("DBConnection.php");  \$search = \$_REQUEST["search"];  \$query = "select Name,Phone Number,Hotel Name,Date,No of roo ms from hotel_info where Title like '%\$search%'"; \$result = mysqli_query(\$db,\$query);  if(mysqli_num_rows(\$result)&gt;0)  { ?&gt;  &lt;table border="2" align="center" cellpadding="5" cellspacing="5" &gt;  &lt;tr&gt; &lt;th&gt; Name &lt;/th&gt; &lt;th&gt; Phone Number &lt;/th&gt; &lt;th&gt; Hotel Name &lt;/th&gt; &lt;th&gt; Date &lt;/th&gt; &lt;th&gt; No of rooms &lt;/th&gt; &lt;/tr&gt;  &lt;?php while(\$row = mysqli_fetch_assoc(\$result)) </pre>

	<pre> { ?&gt; &lt;tr&gt; &lt;td&gt;&lt;?php echo \$row["Name"];?&gt;&lt;/td&gt; &lt;td&gt;&lt;?php echo \$row["Phone Number"];?&gt;&lt;/td&gt; &lt;td&gt;&lt;?php echo \$row["Hotel Name"];?&gt;&lt;/td&gt; &lt;td&gt;&lt;?php echo \$row["Date"];?&gt;&lt;/td&gt; &lt;td&gt;&lt;?php echo \$row["No of rooms"];?&gt;&lt;/td&gt; &lt;/tr&gt; &lt;?php } } else echo "&lt;center&gt;No rooms available in the hotel by the name \$search &lt;/center&gt;" ; ?&gt; &lt;/table&gt; &lt;/body&gt; &lt;/html&gt; &lt;br&gt; </pre>
DBConnection.php	<pre> &lt;?php define('DB_SERVER', 'localhost:3306'); define('DB_USERNAME', 'root'); define('DB_PASSWORD', ''); define('DB_DATABASE', 'hotel'); \$db = mysqli_connect(DB_SERVER,DB_USERNAME,DB_PASSWORD,DB_DATABASE); ?&gt; </pre>

## **RESULT**

### **OUTPUT:**

### **DB Connection:**

localhost/phpmyadmin/db\_structure.php?server=1&db=hotel&table=hotel\_info

Server: 127.0.0.1 » Database: hotel » Table: hotel\_info

Browse Structure SQL Search Insert Export Import Privileges Operations More

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	name	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	phno	int(20)			No	None			Change Drop More
<input type="checkbox"/> 3	hname	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	date	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 5	roomno	int(10)			No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize  
 Add 1 column(s) after roomno Go

Indexes

Server: 127.0.0.1 » Database: hotel » Table: hotel\_info

Browse Structure SQL Search Insert Export Import Privileges Operations More

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.)

`SELECT * FROM `hotel_info``

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

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

+ Options

name	phno	hname	date	roomno
Nandana	2147483647	Taj	20-8-21	5
Nandana	2147483647	Taj	20-8-21	5
Nandana	2147483647	Taj	20-8-21	5
Ammu	2147483647	Ramees	2-8-21	6
Ammu	2147483647	Ramees	2-8-21	6

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

**FINAL OUTPUT:**

## Online hotel booking

Enter Name :	<input type="text" value="Nandana"/>
Enter Phone Number :	<input type="text" value="2147483647"/>
Enter Hotel Name :	<input type="text" value="Taj"/>
Enter Date :	<input type="text" value="20-8-21"/>
Enter No of rooms:	<input type="text" value="5"/>
<input type="button" value="submit"/> <input type="button" value="Reset"/>	

## Online hotel booking

**Hotel information is inserted successfully**

[To search for the Hotel information click here](#)

## Online hotel booking

Display the details of all booking:

