**MULTIMEDIA UNIVERSITY**

**FACULTY OF INFORMATION SCIENCE AND TECHNOLOGY**

**TWT 2231 WEB TECHNIQUES AND APPLICATIONS**

**SESSION: TRIMESTER 2, 2015/2016**

**Project title: MMU Room Booking System**

**Tutorial group: G14C**

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INTRODUCTION

Room booking system currently use in a manual system for the management and maintenance of critical information. The current system requires numerous paper form, with data stores spread throughout the room booking standards. Forms are often lost in transit between departments requiring a comprehensive auditing process to ensure that no vital information is lost. Multiple various data stores in it. Nowadays, technology in our society becomes more complex over years through man’s development of a new technique that could meet the ever-increasing needs in all aspects of information.

The purpose of developing MMU Room Booking for the management to manage the online room reservation or booking main hall, exam halls, lecture rooms, tutorial rooms, design studios and meeting rooms for MMU administrator and member. The administrator and member can access website to book these venue to use.

This system is aimed to provide solutions for current system in order to give better services to MMU administrator and member. This system also will become a good tool to manage the bookings.

OBJECTIVES

The project “MMU Room Booking System” is aimed to allow authorized MMU administrator and member to book main hall, exam halls, lecture rooms, tutorial rooms, design studios, meeting rooms and others. It is designed to achieve the following objectives:

1. To introduce more user friendliness in the various activities such as record updation, maintenance, and searching.
2. The record maintenance and updation can also accomplished by using the identification of the administrator and member with all the details being automatically generated. These details are being promptly automatically updated in the master file thus keeping the record absolutely up-to-date.
3. The entire information has maintained in the database or Files and whoever wants to retrieve can’t retrieve because only authorization user can retrieve the necessary information which can be easily be accessible from the file.

Scope of the Project

In this project, there are two types of users of this system, the administrator and member. Members can be either MMU staff or students. All users need to log on to the system using their own ID and password.

First of all, the administrator should be able to view all the booking records and search the booking records by referring date, room and member. The administrator also can perform bookings, edit existing bookings and delete old bookings. For deleting old bookings, administrator will be prompted to input a date and the system will delete all records that are earlier than the specified date by viewing all rooms, add, edit and delete rooms, and also view all members’ personal information, add, edit and delete members. On the other hand, members should be able to perform booking. For staff can book all types of rooms but students can only book Main Hall, lecture room, and tutorial room. During the booking, members will be requested to fill in the required information that includes the type of room, date, time start, time end, organizer, and number of participants. Then, the system will display a list of available rooms for members to choose from listing the past booking records by Date.

For the room booking, the scope for administrator and member will be focused on the instant room booking. Meaning that, the administrator or member may book the room in advance. So that, this system will be up-to-date to prevent any problems. This MMU Room Booking System will upload to server so that administrator or member can go through this system via internet to book the venue.

Contribution of the Project

The MMU Room Booking System is significant to optimize the potential of the portal. The MMU administrator and member can refer this system for the availability check when surfing the Internet. The MMU Room Booking System enables the administrators and members visiting the portal to confirming their booking.

The MMU Rooming System is likely to ease the booking management in terms of time used to handle the booking, such as storing and accessing information. Besides, this application also allow the administrator and member access the information of booking wherever they are connecting to the internet. In addition, it saves money as well. This is because low maintenance is needed to maintain this system. Therefore, this system also save time for the administrator and member, thus resulting better and good service to everyone.

Conclusion

We have shown how to build a room booking system with a database as the back-end and a front-end in HTML embedded with PHP. It is easy to make room bookings in the Graphical User Interface (GUI) and the week schema gives a good overview of the booking for the room. The combinations of the search functions, the ability to reserve for any user and the ability to manage the whole database from the website made this system a very powerful administrative room booking system. The security model used based on different privilege for different users also makes the system a real-life application.

**Appendices**

1. Souce code
2. Add Function

<?php

session\_start();

include\_once 'db\_connect.php';

if(isset($\_POST['btn-signup']))

{

$uid = mysql\_real\_escape\_string($\_POST['uid']);

$name = mysql\_real\_escape\_string($\_POST['uname']);

$upass = mysql\_real\_escape\_string($\_POST['pass']);

$utype = mysql\_real\_escape\_string($\_POST['mtype']);

$uphone = mysql\_real\_escape\_string($\_POST['phone']);

$umail = mysql\_real\_escape\_string($\_POST['email']);

$uid = trim($uid);

$name = trim($name);

$upass = trim($upass);

$utype = trim($utype);

$uphone = trim($uphone);

$umail = trim($umail);

$upass = md5($upass);

// username exist or not

$query = "SELECT member\_id FROM member WHERE member\_id='$uid'";

$result = mysql\_query($query);

$count = mysql\_num\_rows($result); // if username not found then register

if($count == 0){

if(mysql\_query("INSERT INTO member(member\_id, member\_name, member\_password, membership\_type, phone\_num, member\_email) VALUES('$uid','$name','$upass','$utype','$uphone','$umail')"))

{

?>

<script>alert('successfully registered ');</script>

<?php

}

else

{

?>

<script>alert('error while registering you...');</script>

<?php

}

}

else{

?>

<script>alert('Sorry username already taken ...');</script>

<?php

}

}

?>

<!DOCTYPE>

<head>

<title>MMU Room Booking System</title>

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

</head>

<body>

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="index.php">HOME</a></font></p>

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="member-login.php">Member Login</a></font></p>

<script type="text/javascript">

function val(){

if(frm.uid.value==""){

alert("Please fill up the User ID..!");

frm.uid.focus();

return false;

}

if(isNaN(frm.uid.value)){

alert("User ID must be integers");

frm.uid.focus();

return false;

}

if((frm.uid.value).length < 10){

alert("User ID not valid.Please enter a valid user ID");

frm.uid.focus();

return false;

}

if((frm.uid.value).length > 10){

alert("User ID not valid.Please enter a valid user ID");

frm.uid.focus();

return false;

}

return true;

}

function pval(){

if(frm.phone.value==""){

alert("Please fill up the Contact Number..!");

frm.phone.focus();

return false;

}

if(isNaN(frm.phone.value)){

alert("Contact Number must be integers");

frm.phone.focus();

return false;

}

if((frm.phone.value).length < 9){

alert("Contact Number is not valid.Please enter a valid Contact Number");

frm.phone.focus();

return false;

}

if((frm.phone.value).length > 11){

alert("Contact Number is not valid.Please enter a valid Contact Number");

frm.phone.focus();

return false;

}

return true;

}

function meml(){

if(frm.email.value==""){

alert("please enter the email address");

frm.email.focus();

return false;

}

var reg = /^([A-Za-z0-9\_\-\.])+\@([A-Za-z0-9\_\-\.])+\.([A-Za-z]{2,4})$/;

if(reg.test(frm.email.value)== false){

alert("invalid email address");

frm.email.focus();

return false;

}

return true;

}

function myfunctions() {

var retvalue;

retvalue = val();

if(retvalue == false) { return retvalue; }

retvalue = pval();

if(retvalue == false) { return retvalue; }

return meml();

}

</script>

<center>

<div id="login-form">

<form method="post" name="frm">

<table align="center" width="30%" border="0">

<p align="center"><font size="7" face="Georgia" color="#000000">

Member Register</font></p>

<tr>

<td><input type="text" name="uid" placeholder="User ID" required /></td>

</tr>

<tr>

<td><input type="text" name="uname" placeholder="User Name" required /></td>

</tr>

<tr>

<td><input type="password" name="pass" placeholder="User Password" required /></td>

</tr>

<tr>

<td>

<select name="mtype">

<option value="staff">Staff</option>

<option value="student">Student</option>

</select>

</td>

</tr>

<tr>

<td><input type="text" name="phone" placeholder="user contact number" required /></td>

</tr>

<tr>

<td><input type="text" name="email" placeholder="user mail" required /></td>

</tr>

<tr>

<td><button type="submit" name="btn-signup" onclick="return myfunctions();">Sign Me Up</button></td>

</tr>

</table>

</form>

</div>

</center>

</body></html>

1. **Edit Function**

**<?php**

**session\_start();**

**error\_reporting(0);**

**if(!isset($\_SESSION['admin\_username'])){**

**die("Please login first");**

**}**

**include\_once 'db\_connect.php';**

**if(isset($\_POST['btn-signup']))**

**{**

**$uname = mysql\_real\_escape\_string($\_POST['username']);**

**$rid = mysql\_real\_escape\_string($\_POST['roomid']);**

**$b\_date = mysql\_real\_escape\_string($\_POST['bdate']);**

**$t\_start = mysql\_real\_escape\_string($\_POST['tstart']);**

**$t\_end = mysql\_real\_escape\_string($\_POST['tend']);**

**$org\_name = mysql\_real\_escape\_string($\_POST['org']);**

**$n\_o\_p = mysql\_real\_escape\_string($\_POST['nop']);**

**$t\_start = trim($t\_start);**

**$t\_end = trim($t\_end);**

**$org\_name = trim($org\_name);**

**$n\_o\_p = trim($n\_o\_p);**

**$sortdate = date('Y-m-d', strtotime($b\_date));**

**if(mysql\_query("UPDATE `booking` SET `booking\_date`='$sortdate',`time\_start`='$t\_start',**

**`time\_end`='$t\_end',`room\_id`='$rid ',`organizer`='$org\_name',`number\_of\_participants`='$n\_o\_p' WHERE `member\_id` = '$uname'"))**

**{**

**echo "<script>**

**alert('Successfully updated ur Bookings...!!!');**

**window.location.href='admin\_page.php';**

**</script>";**

**}**

**else**

**{**

**echo "<script>**

**alert('Error in Updating...Please Try again later...!!!');**

**window.location.href='admin\_page.php';**

**</script>";**

**}**

**}**

**if(isset($\_GET['edit'])){**

**$id=$\_GET['edit'];**

**$res=mysql\_query("SELECT \* FROM `booking` WHERE member\_id='$id'");**

**$row=mysql\_fetch\_array($res);**

**}**

**?>**

**<html>**

**<head>**

**<title>MMU Room Booking System</title>**

**<link rel="stylesheet" href="style2.css" type="text/css" />**

**</head>**

**<body>**

**<p align="right"><font size="6" face="Georgia" color="#000000">**

**<a href="admin\_page.php">HOME</a></font></p>**

**<script type="text/javascript">**

**function checkdate(form)**

**{**

**// regular expression to match required date format**

**re = /^(\d{1,2})\-(\d{1,2})\-(\d{4})$/;**

**if(form.bdate.value != '') {**

**if(regs = form.bdate.value.match(re)) {**

**// day value between 1 and 31**

**if(regs[1] < 1 || regs[1] > 31) {**

**alert("Invalid value for day: " + regs[1]);**

**form.bdate.focus();**

**return false;**

**}**

**// month value between 1 and 12**

**if(regs[2] < 1 || regs[2] > 12) {**

**alert("Invalid value for month: " + regs[2]);**

**form.bdate.focus();**

**return false;**

**}**

**// year value between 1902 and 2016**

**if(regs[3] < 1902 || regs[3] > (new Date()).getFullYear()) {**

**alert("Invalid value for year: " + regs[3] + " - must be between 1902 and " + (new Date()).getFullYear());**

**form.bdate.focus();**

**return false;**

**}**

**} else {**

**alert("Invalid date format: " + form.bdate.value);**

**form.bdate.focus();**

**return false;**

**}**

**}**

**else{**

**alert("Please fill up the date..!");**

**}**

**return true;**

**}**

**function checkstarttime(form){**

**// regular expression to match required time format**

**re = /^(\d{1,2}):(\d{2})([ap]m)?$/;**

**if(form.tstart.value != '') {**

**if(regs = form.tstart.value.match(re)) {**

**if(regs[3]) {**

**// 12-hour value between 1 and 12**

**if(regs[1] < 1 || regs[1] > 12) {**

**alert("Invalid value for hours: " + regs[1]);**

**form.tstart.focus();**

**return false;**

**}**

**} else {**

**// 24-hour value between 0 and 23**

**if(regs[1] > 23) {**

**alert("Invalid value for hours: " + regs[1]);**

**form.tstart.focus();**

**return false;**

**}**

**}**

**// minute value between 0 and 59**

**if(regs[2] > 59) {**

**alert("Invalid value for minutes: " + regs[2]);**

**form.tstart.focus();**

**return false;**

**}**

**} else {**

**alert("Invalid time format: " + form.tstart.value);**

**form.tstart.focus();**

**return false;**

**}**

**}**

**else {**

**alert("Please fill up the starting time..!");**

**}**

**return true;**

**}**

**function checkendtime(form){**

**// regular expression to match required time format**

**re = /^(\d{1,2}):(\d{2})([ap]m)?$/;**

**if(form.tend.value != '') {**

**if(regs = form.tend.value.match(re)) {**

**if(regs[3]) {**

**// 12-hour value between 1 and 12**

**if(regs[1] < 1 || regs[1] > 12) {**

**alert("Invalid value for hours: " + regs[1]);**

**form.tend.focus();**

**return false;**

**}**

**} else {**

**// 24-hour value between 0 and 23**

**if(regs[1] > 23) {**

**alert("Invalid value for hours: " + regs[1]);**

**form.tend.focus();**

**return false;**

**}**

**}**

**// minute value between 0 and 59**

**if(regs[2] > 59) {**

**alert("Invalid value for minutes: " + regs[2]);**

**form.tend.focus();**

**return false;**

**}**

**} else {**

**alert("Invalid time format: " + form.tend.value);**

**form.tend.focus();**

**return false;**

**}**

**}**

**else {**

**alert("Please fill up ending the time..!");**

**}**

**return true;**

**}**

**function myfunctions() {**

**var retvalue;**

**retvalue = checkdate(form);**

**if(retvalue == false) { return retvalue; }**

**retvalue = checkstarttime(form);**

**if(retvalue == false) { return retvalue; }**

**return checkendtime(form);**

**}**

**</script>**

**<center>**

**<div id="login-form">**

**<form method="post" name="form">**

**<table align="center" width="30%" border="0">**

**<p align="center"><font size="7" face="Georgia" color="#000000">**

**Member Register</font></p>**

**<tr>**

**<td><input type="text" name="username" placeholder="Member id" value="<?php echo $row[member\_id]; ?>" required readonly/></td>**

**</tr>**

**<tr>**

**<td><input type="text" name="roomid" placeholder="Room ID" value="<?php echo $row[room\_id]; ?>" required/></td>**

**</tr>**

**<tr>**

**<td><input type="text" name="org" placeholder="Organizer Name" value="<?php echo $row[6]; ?>" required /></td>**

**</tr>**

**<tr>**

**<td><input type="text" name="bdate" placeholder="dd-mm-yyyy Booking Date" value="<?php $date1=$row[booking\_date]; echo date('d-m-Y',strtotime($date1)); ?>" required /></td>**

**</tr>**

**<tr>**

**<td><input type="text" name="tstart" placeholder="hh:mm Starting Time" value="<?php $time1=$row[time\_start]; echo date('G:i',strtotime($time1)); ?>" required /></td>**

**</tr>**

**<tr>**

**<td><input type="text" name="tend" placeholder="hh:mm Ending Time" value="<?php $time2=$row[time\_end]; echo date('G:i',strtotime($time2)); ?>" required /></td>**

**</tr>**

**<tr>**

**<td><input type="text" name="nop" placeholder="Number Of Participants" value="<?php echo $row[number\_of\_participants]; ?>" required /></td>**

**</tr>**

**<tr>**

**<td><button type="submit" name="btn-signup" onclick="return myfunctions();">BOOK</button></td>**

**</tr>**

**</table>**

**</form>**

**</div>**

**</center>**

**</body>**

**</html>**

1. Delete Function

<?php

session\_start();

if(!isset($\_SESSION['admin\_username'])){

die("Please login first");

}

?>

<html>

<head>

<title>MMU Room Booking System</title>

<?php

include 'db\_connect.php'; //Connect mysql database

$result ="";

$result = mysql\_query("select booking\_date from booking ORDER BY booking\_date");

if(isset($\_POST['submit'])) ///forsubmit data

{

$bookdate=$\_POST['org'];

$sortdate = date('Y-m-d', strtotime($bookdate));

$delres=mysql\_query("delete from booking where booking\_date<=\"$sortdate\"");

if($delres==1)

{

echo "Account Deleted Successfully";

echo "<p>Click <a href='admin\_page.php'> here </a> to delete another";

exit(0);

}

}

?>

<link rel="stylesheet" href="style2.css" type="text/css" />

</head>

<body>

<script>

function checkdate(form)

{

// regular expression to match required date format

re = /^(\d{1,2})\-(\d{1,2})\-(\d{4})$/;

if(form.org.value != '') {

if(regs = form.org.value.match(re)) {

// day value between 1 and 31

if(regs[1] < 1 || regs[1] > 31) {

alert("Invalid value for day: " + regs[1]);

form.org.focus();

return false;

}

// month value between 1 and 12

if(regs[2] < 1 || regs[2] > 12) {

alert("Invalid value for month: " + regs[2]);

form.org.focus();

return false;

}

// year value between 1902 and 2016

if(regs[3] < 1902 || regs[3] > (new Date()).getFullYear()) {

alert("Invalid value for year: " + regs[3] + " - must be between 1902 and " + (new Date()).getFullYear());

form.org.focus();

return false;

}

} else {

alert("Invalid date format: " + form.org.value);

form.org.focus();

return false;

}

}

else{

alert("Please fill up the date..!");

}

}

</script>

<center>

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="admin\_page.php">HOME</a></font></p>

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="logout.php">LOG OUT</a></font></p>

<p align="center"><font size="7" face="Georgia" color="#000000">

Booking record Delete</font></p>

<form name="form" method="post">

<table align="center" width="30%" border="0">

<tr>

<td><input type="text" name="org" placeholder="dd-mm-yyyy Booked Date" required />

</td>

</tr>

<tr>

<td><button type="submit" name="submit" onclick="return checkdate(form);">Delete Record</button></td>

</tr>

</table>

</form>

</center></body></html>

E ) Login Function

<?php

session\_start();

include\_once "db\_connect.php";

$username = $\_POST['member\_id'];

$password = md5($\_POST['pass']);

$op = $\_GET['op'];

if($op=="in"){

$sql = mysql\_query("SELECT \* FROM member WHERE member\_id='$username' AND member\_password='$password'");

if(mysql\_num\_rows($sql)==1){

$qry = mysql\_fetch\_array($sql);

$\_SESSION['member\_id'] = $qry['member\_id'];

$\_SESSION['member\_name'] = $qry['member\_name'];

$\_SESSION['membership\_type'] = $qry['membership\_type'];

if($qry['membership\_type']=="staff"){

header('location:staff\_room\_book.php');

}

else if($qry['membership\_type']=="student"){

header('location:student\_room\_book.php');

}

}else{

?>

<script language="JavaScript">

alert('Username or Password not matched. Please try again..!');

document.location='member-login.php';

</script>

<?php

}

}else if($op=="out"){

unset($\_SESSION['username']);

unset($\_SESSION['hak\_akses']);

header("location:member-login.php");

}

?>

F) Search Function

<?php

session\_start();

if(!isset($\_SESSION['admin\_username'])){

die("Please login first");

}

include\_once "db\_connect.php";

if(isset($\_POST['submit']))

{

$query1 = $\_POST['query1'];

?>

<html>

<head>

<title></title>

<style>

h1{text-align:center;

margin-top:150;

}

table, th, td {

border:1px solid black;

}

/\* unvisited link \*/

a:link {

color: black;

}

/\* visited link \*/

a:visited {

color: black;

}

/\* mouse over link \*/

a:hover {

color: white;

}

/\* selected link \*/

a:active {

color: green;

}

</style>

</head>

<body background="image/back.jpg">

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="search.php">Back To Search</a></font></p>

<?php

$min\_length = 1;

if(strlen($query1) >= $min\_length)

{

$query1 = htmlspecialchars($query1);

$query1 = mysql\_real\_escape\_string($query1);

echo "<table border='1' width='90%' id='table1' height='50' align=center>";

echo "<tr>

<td height='51' align='center' width='10%'>

<STRONG><B>

<FONT

color=#800000 size='5'>Member ID</FONT></B></STRONG></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Booking Date</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Start time</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>End time</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Room ID</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Organizer</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>No of participants</FONT></B></STRONG></font></td>";

$raw\_results =

mysql\_query("SELECT \* FROM booking WHERE (`booking\_date` LIKE '%".$query1."%')");

if(mysql\_num\_rows($raw\_results) > 0)

{

while($results = mysql\_fetch\_array($raw\_results))

{

echo "<tr>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['member\_id']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['booking\_date']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['time\_start']."</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['time\_end']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['room\_id']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['organizer']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['number\_of\_participants']."</FONT></B></STRONG></font></td>

</tr>" ;

}

}

else{

echo "<tr align='center'>

<td colspan='9'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>No results</FONT></B></STRONG></font></td><tr>";

echo "</table>";

}

}

else{

echo "Minimum length is ".$min\_length;

}}

if(isset($\_POST['submit1']))

{

$query1 = $\_POST['query1'];

?>

<html>

<head>

<title></title>

<style>

h1{text-align:center;

margin-top:150;

}

table, th, td {

border:1px solid black;

}

/\* unvisited link \*/

a:link {

color: black;

}

/\* visited link \*/

a:visited {

color: black;

}

/\* mouse over link \*/

a:hover {

color: white;

}

/\* selected link \*/

a:active {

color: green;

}

</style>

</head>

<body background="image/back.jpg">

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="search.php">Back To Search</a></font></p>

<?php

$min\_length = 1;

if(strlen($query1) >= $min\_length)

{

$query1 = htmlspecialchars($query1);

$query1 = mysql\_real\_escape\_string($query1);

echo "<table border='1' width='90%' id='table1' height='50' align=center>";

echo "<tr>

<td height='51' align='center' width='10%'>

<STRONG><B>

<FONT

color=#800000 size='5'>Member ID</FONT></B></STRONG></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Booking Date</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Start time</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>End time</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Room ID</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Organizer</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>No of participants</FONT></B></STRONG></font></td>";

$raw\_results =

mysql\_query("SELECT \* FROM booking WHERE (`room\_id` LIKE '%".$query1."%')");

if(mysql\_num\_rows($raw\_results) > 0)

{

while($results = mysql\_fetch\_array($raw\_results))

{

echo "<tr>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['member\_id']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['booking\_date']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['time\_start']."</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['time\_end']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['room\_id']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['organizer']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['number\_of\_participants']."</FONT></B></STRONG></font></td>

</tr>" ;

}

}

else{

echo "<tr align='center'>

<td colspan='9'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>No results</FONT></B></STRONG></font></td><tr>";

echo "</table>";

}

}

else{

echo "Minimum length is ".$min\_length;

}}

if(isset($\_POST['submit2']))

{

$query1 = $\_POST['query1'];

?>

<html>

<head>

<title></title>

<style>

h1{text-align:center;

margin-top:150;

}

table, th, td {

border:1px solid black;

}

/\* unvisited link \*/

a:link {

color: black;

}

/\* visited link \*/

a:visited {

color: black;

}

/\* mouse over link \*/

a:hover {

color: white;

}

/\* selected link \*/

a:active {

color: green;

}

</style>

</head>

<body background="image/back.jpg">

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="search.php">Back To Search</a></font></p>

<?php

$min\_length = 1;

if(strlen($query1) >= $min\_length)

{

$query1 = htmlspecialchars($query1);

$query1 = mysql\_real\_escape\_string($query1);

echo "<table border='1' width='90%' id='table1' height='50' align=center>";

echo "<tr>

<td height='51' align='center' width='10%'>

<STRONG><B>

<FONT

color=#800000 size='5'>Member ID</FONT></B></STRONG></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Booking Date</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Start time</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>End time</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Room ID</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>Organizer</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>No of participants</FONT></B></STRONG></font></td>";

$raw\_results =

mysql\_query("SELECT \* FROM booking WHERE (`member\_id` LIKE '%".$query1."%')");

if(mysql\_num\_rows($raw\_results) > 0)

{

while($results = mysql\_fetch\_array($raw\_results))

{

echo "<tr>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['member\_id']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['booking\_date']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['time\_start']."</FONT></B></STRONG></font></td>

<td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['time\_end']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['room\_id']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['organizer']."</FONT></B></STRONG></font></td> <td width='10%' height='51' align='center'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>".$results['number\_of\_participants']."</FONT></B></STRONG></font></td>

</tr>" ;

}

}

else{

echo "<tr align='center'>

<td colspan='9'>

<font size='5'><STRONG><B>

<FONT

color=#800000 size='5'>No results</FONT></B></STRONG></font></td><tr>";

echo "</table>";

}

}

else{

echo "Minimum length is ".$min\_length;

}}

?>

</body>

</html>

G) View All Function

<?php

session\_start();

if(!isset($\_SESSION['admin\_username'])){

die("Please login first");

}

?>

<html>

<head>

<style>

h1{text-align:center;

margin-top:0;

}

table, th, td {

border:1px solid black;

}

/\* unvisited link \*/

a:link {

color: black;

}

/\* visited link \*/

a:visited {

color: black;

}

/\* mouse over link \*/

a:hover {

color: white;

}

/\* selected link \*/

a:active {

color: green;

}

</style>

<?php

include 'db\_connect.php';

$result = mysql\_query("SELECT `member\_id`, `member\_name`, `membership\_type`, `phone\_num`, `member\_email`

FROM `member` order by `member\_id`",$link) or die("Database Error");

?>

</head>

<body background="image/back.jpg">

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="admin\_page.php">HOME</a></font></p>

<p align="right"><font size="6" face="Georgia" color="#000000">

<a href="logout.php">Logout</a></font></p>

<h1 >Member Details</details></details></h1>

<table border="1" width="90%" id="table1" height="50" align=center>

<tr>

<td height="5" align="center" width="20%"><a href="admin\_register\_member.php"><STRONG>

<FONT color=#800000 size="5">Add</FONT></STRONG>

</td>

<td width="16%" height="51" align="center">

<a href="admin\_delete\_member.php">

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5">Delete</FONT></B></STRONG></font></td>

</tr>

</table>

<br>

<br>

<br>

<br>

<br>

<table border="1" width="90%" id="table1" height="50" align=center>

<tr>

<td height="51" align="center" width="20%"><STRONG>

<FONT

color=#800000 size="5">Edit</FONT></STRONG>

</td>

<td height="51" align="center" width="20%"><STRONG>

<FONT

color=#800000 size="5">Member ID</FONT></STRONG>

</td>

<td height="51" align="center" width="20%"><STRONG><B>

<FONT

color=#800000 size="5">Member Name</FONT></B></STRONG></td>

<td width="16%" height="51" align="center">

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5">Membership Type</FONT></B></STRONG></font></td>

<td height="51" align="center" width="20%"><STRONG>

<FONT

color=#800000 size="5">Phone Number</FONT></STRONG>

</td>

<td height="51" align="center" width="20%"><STRONG><B>

<FONT

color=#800000 size="5">Member Email</FONT></B></STRONG></td>

<tr>

<?php

while($row = mysql\_fetch\_array($result, MYSQL\_BOTH))

{

?>

<td height="51" align="center" width="20%"><STRONG><B>

<FONT color=#800000 size="5"><?php echo "<a href='update\_book.php?edit=$row[0]'>Edit</a>"; ?></FONT></B></STRONG></td>

<td>

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5"><?php

echo $row[0];

?></FONT></B></STRONG></font>

</td>

<td>

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5"><?php

echo $row[1];

?></FONT></B></STRONG></font>

</td>

<td>

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5"><?php

echo $row[2];

?></FONT></B></STRONG></font>

</td>

<td>

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5"><?php

echo $row[3];

?></FONT></B></STRONG></font>

</td>

<td>

<font size="5"><STRONG><B>

<FONT

color=#800000 size="5"><?php

echo $row[4];

?></FONT></B></STRONG></font>

</td>

</tr>

<?php

}

?>

</table>

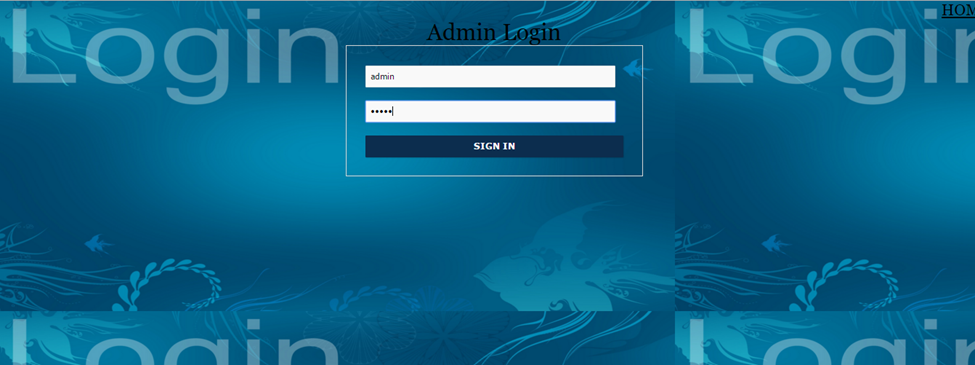
</table action="">

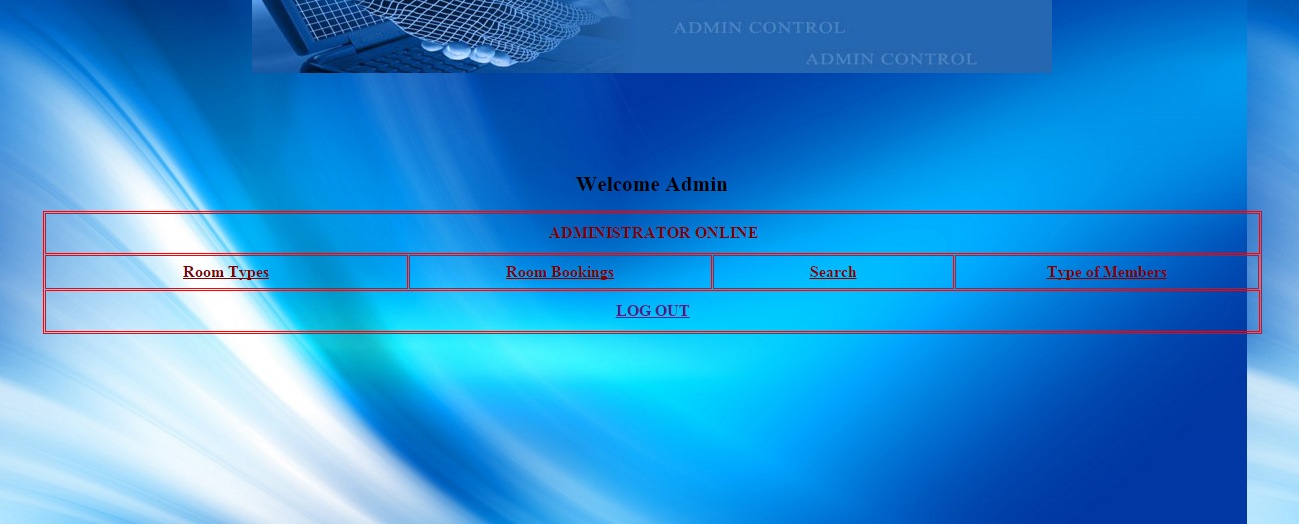
</body>

</html>

2) Interface Screens









3) Input and Output Screen

