**CHAPTER 4**

**IMPLEMENTATION**

Online Room Booking System is a Web based Room Boking system from the users and provides the automatic generation of a booking details which is given by users. The system contains 2 modules namely admin and users. Each of the modules have particular implementation of its own. Users module is used by the customers to book the room by using login credentials. If the user is not yet registered then the user can register first with filling necessary details. After getting registered the user can login to book the room. Database will maintain the data updating the format of report generation. Admin module is used by admin to login and view the bookings they received by the users. Admin module provides the functionalities like add, delete, manage rooms. Admin will view the booking details given by users. After that logout button is used to simply logout successfully from the system.

Implementation is the stage where theoretical design turned into a working system. Implementation is planed carefully to propose system to avoid unanticipated problems. Many preparations involved before and during the implementation of proposed system. The system needed to be plugged in to the College network (Currently running locally using a Xampp server) then it could be accessed from anywhere, after a user/admin login into the portal. The tasks that had to be done to implement the system were to create the database tables (here we use phpMyAdmin for creation of database locally). Then the administrator was granted his role so that the system could be accessed.

**4.1 Code Snippets:**

**HomePage**

<?php

session\_start();

$eid=$\_SESSION['create\_account\_logged\_in'];

error\_reporting(1);

?>

<nav class="navbar navbar-inverse navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

</div>

<div class="collapse navbar-collapse" id="myNavbar">

<ul class="nav navbar-nav">

<li><a href="index.php"title="Home">Home</a></li>

<li><a href="about.php"title="About">About </a></li>

<li><a href="image gallery.php"title="Gallery">Gallery </a></li>

</ul>

<ul class="nav navbar-nav navbar-right">

<li><a href="admin/index.php"title="Admin Login">&nbsp;&nbsp;Admin Login</a></li>

<?php

if($\_SESSION['create\_account\_logged\_in']!="")

{

?>

<li class="dropdown"><a class="dropdown-toggle" data-toggle="dropdown" href="#">View Status <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="profile.php">Profile</a></li>

<li><a href="order.php">Booking Status</a></li>

<li><a href="logout.php">Logout</a></li>

</ul>

</li>

<?PHP } else

{

?>

<li><a href="Login.php"title="login">&nbsp;&nbsp;User Login</a>

</li>

<?php

} ?>

</ul>

</div>

</div>

</nav>

**Admin Login Page**

<?php

{

if($eid=="" || $pass=="")

{

$error= "<h3 style='color:red'>fill all details</h3>";

}

else

{

$sql=mysqli\_query($con,"select \* from admin where username='$eid' && password='$pass' ");

if(mysqli\_num\_rows($sql))

{

$\_SESSION['admin\_logged\_in']=$eid;

header('location:dashboard.php');

}

else

{

$error= "<h3 style='color:red'>Invalid login details</h3>";

}

}

}

?>

</body>

</html>

**User Login Page**

<?php

if(isset($login))

{

if($eid=="" || $pass=="")

{

$error= "<h4 style='color:red'>fill all details</h4>";

}

else

{

$sql=mysqli\_query($con,"select \* from create\_account where email='$eid' && password='$pass' ");

if(mysqli\_num\_rows($sql))

{

$\_SESSION['create\_account\_logged\_in']=$eid;

header('location:Booking Form.php');

}

else

{

$error= "<h4 style='color:red'>Invalid login details</h4>";

}

}

}

?>

</body>

</html>

**Registration Form**

<?php

include('connection.php');

extract($\_REQUEST);

if(isset($save))

{

$sql= mysqli\_query($con,"select \* from create\_account where email='$email' ");

if(mysqli\_num\_rows($sql))

{

$msg= "<h1 style='color:red'> account already exists</h1>";

}

else

{

$sql="insert into create\_account(name,email,password,mobile,address,gender,country,pictrure) values('$fname','$email','$Passw','$mobi','$addr','$gend','$countr','$pict')";

if(mysqli\_query($con,$sql))

{

$msg= "<h1 style='color:green'>Data Saved Successfully</h1>";

header('location:Login.php');

}

}

}

?>

<!DOCTYPE html>

<html lang="en">

<body style="margin-top:50px;">

</body>

</html>

**Room Booking Form**

<?php

include('Menu Bar.php');

include('connection.php');

if($eid=="")

{

header('location:Login.php');

}

$sql= mysqli\_query($con,"select \* from room\_booking\_details where email='$eid' ");

$result=mysqli\_fetch\_assoc($sql);

extract($\_REQUEST);

error\_reporting(1);

if(isset($savedata))

{

$sql= mysqli\_query($con,"select \* from room\_booking\_details where email='$email' and room\_type='$room\_type' ");

if(mysqli\_num\_rows($sql))

{

$msg= "<h1 style='color:red'>You have already booked this room</h1>";

}

else

{

$sql="insert into room\_booking\_details(name,email,phone,address,city,state,zip,contry,room\_type,Occupancy,check\_in\_date,check\_in\_time,check\_out\_date)

values('$name','$email','$phone','$address','$city','$state','$zip','$country',

'$room\_type','$Occupancy','$cdate','$ctime','$codate')";

if(mysqli\_query($con,$sql))

{

$msg= "<h1 style='color:blue'>You have Successfully booked this room</h1><h2><a href='order.php'>View </a></h2>";

}

}

}

?>

</body>

</html>