American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation
Finished Project Report
Spring 2019-2020

Project Title: Hotel Booking System
Section: C

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Hotel Booking System

Project Description:
There are many types of booking system is available in Bangladesh but so far no work has been done in the hotel booking system. So we think there are a lot of opportunity in this sector which help us for future life. Since the tourism sector increasing vastly day by day that's why peoples are more connected with the hotel. By this system, the tourists can easily book a hotel and they will get free from annoyance situation. It will solve unemployment problem and it will also develop our economy.

Now a days, people are so much interested to visit different kinds of attractive places. When they visit new places they have to stay at a hotel. It is so much difficult to find out the nearest hotel. Hotel Booking System helps those people to book hotel easily before going a new place. By booking rooms they can easily enjoy their tour without any tension. Visitors don't have to go hotel for booking room manually. This project will play those vital rules which is described.

1. **User Category:**

There are 4 types of Users here. They are:

- Admin

- Employee

- User1 (General People)

- User2 (Hotel Owner)

2. **Feature List:**

In this project the "Admin" has the following features:

- Manage Employee (insert, update, delete)

- Show all employees

In this project the "Employee" has the following features:

- Manage User

- Offline user registration

- Offline hotel booking for user

- Show all user

In this project the "General User" has the following features:

- Registration

- Hotel Booking

- Update information

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In this project the "Hotel Owner" has the following features:

- Advertise hotel

- Update advertise

Project Folder Structure:

```
>Project
        >controllers
        >models
        >storage
                >hotelImage
                >loginImage
                >userImage
        >views
                >Admin
                        >css
                >Manager
                        >css
                >User
                        >css
        >index.php
```

Core Modules of the Project:

Login.php

```php
<?php
    require_once "../models/database.php";

    $id="";
    $pass="";
    $idErr = "";
    $passErr = "";
    $key = true;

    session_start();
    if(isset($_POST['submit']))
    {

        if (empty($_POST['id']))
        {
            $idErr="*Id Required";
            $key = false;
        }
```

```php
        else
        {
            $id=htmlspecialchars($_POST['id']);
        }
        if (empty($_POST['pass']))
        {
            $passErr="*Password Required";
            $key = false;
        }
        else
        {
            $pass=htmlspecialchars($_POST['pass']);
        }

        if($key == true)
        {
            $query = "select * from login where status='0' && id='$id' &&
password='$pass'";
            $res =  execute($query);
            $rowCount = mysqli_num_rows($res);
            $query2 = "select * from login where status='1' && id='$id' &&
password='$pass'";
            $res2 = execute($query2);
            $rowCount2 = mysqli_num_rows($res2);
            $query3 = "select * from login where status='2' && id='$id' &&
password='$pass'";
            $res3 = execute($query3);
            $rowCount3 = mysqli_num_rows($res3);

            if($rowCount == true)
            {
                header("Location:admin_home.php");
            }
            if($rowCount2 == true)
            {
                header("Location:employee_home.php");
            }
            if($rowCount3 == true)
            {
                $_SESSION['active'] = true;
                $_SESSION['b_uId'] = $id;
                header("Location:user_home.php");
            }
            /*if($rowCount == false or $rowCount2 == false or $rowCount3
== false)

            {
                echo "Your Input is wrong";
                $id="";
```

```php
                    $pass="";
                    //session_destroy();
            }*/

        }

    }
?>
```

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
    <head>
        <meta charset="utf-8">
        <title></title>
        <link rel="stylesheet" href="stylelogin_panel.css">
    </head>
    <body>
        <form method="post" action="">
            <div class="login-box">
                <h1>Login</h1>
                <div class="textbox">
                <i class="fas fa-user"></i>
                <input type="text" value="<?php echo $id ?>" name="id"
placeholder="User Id" />
                    <br><span style="color:red"><?php echo $idErr;?></span>
            </div>

            <div class="textbox">
                <i class="fas fa-lock"></i>
                        <input type="password" name="pass" value="<?php echo
$pass;?>" placeholder="Password">
                        <br><span style="color:red"><?php echo
$passErr;?></span>
            </div>
            <input type="submit" name="submit" class="btn" value="Sign in">
            <div>
                <h4>Don't have an account yet? <a href="signup_user.php"><span
style="background-color:black;"><font color="White">Sign Up</font></span></a>
</h4>
            </div>
            </div>
        </form>
    </body>
</html>
```

Hotel Booking System

ManageEmployee.php

```php
<?php
    require_once "../controllers/control_employee.php";

    if(isset($_POST['submit']))
    {
        session_destroy();
        session_start();
        $_SESSION['active'] = false;
        $_SESSION['check'] = false;
        header("Location:home.php");
    }
    if(isset($_SESSION['message']))
    {
        echo $_SESSION['message'];
        unset($_SESSION['message']); // Destroys the speccified variables
    }
?>

<html>
    <head>
        <title>Employee Info</title>
    </head>
    <body style="background-color:rosybrown">
        <center>
        <h1>All Employee Details</h1>
        <table border="2" width="600">
            <tr>
                <th>UserId</th>
                <th>FirstName</th>
                <th>LastName</th>
                <th>Gender</th>
                <th>Address</th>
                <th>Email</th>
                <th>Phone</th>
                <th>Salary</th>
                <th>Edit</th>
                <th>Delete</th>
            </tr>

            <?php

                $run=mysqli_query($conn,"Select * from emp");
                $row_num = mysqli_num_rows($run);


                if($row_num > 0)
                {
```

```php
                    while($row = mysqli_fetch_assoc($run)): ?>
                        <tr>
                            <td><?php echo $row['empId']; ?></td>
                            <td><?php echo $row['firstName']; ?></td>
                            <td><?php echo $row['lastName']; ?></td>
                            <td><?php echo $row['gender']; ?></td>
                            <td><?php echo $row['address']; ?></td>
                            <td><?php echo $row['email']; ?></td>
                            <td><?php echo $row['phone']; ?></td>
                            <td><?php echo $row['salary']; ?></td>
                            <td><a href="showEmp.php?edit=<?php echo
$row['empId']; ?>"><button>Edit</button></a></td>
                            <td><a
href="../controllers/control_employee.php?delete=<?php echo $row['empId'];
?>"><button>Delete</button></a></td>
                        </tr>

                    <?php endwhile;
                }
                echo "</table>"."<br>"."<br>";

            ?>

    <form action="../controllers/control_employee.php" method="POST">
        <table>
            <tr>
                <td>Id:</td>
                <td><input type="text" name="id" value='<?php echo $id;
?>'></td>
            </tr>
            <tr>
                <td>First Name:</td>
                <td><input type="text" name="fname" value="<?php echo
$fname; ?>" ></td>
            </tr>
            <tr>
                <td>Last Name:</td>
                <td><input type="text" name="lname" value="<?php echo
$lname; ?>"></td>
            </tr>
            <tr>
                <td>Gender:</td>
                    <td>
                        <input type="radio" name="gender" value="Male"
<?php if($gender == "Male"){echo "Checked";}?>> Male
                        <input type="radio" name="gender"
value="Female" <?php if($gender == "Female"){echo "Checked";}?>> Female
                    </td>
```

```
            </tr>
            <tr>
                <td>Address:</td>
                <td><input type="text" name="address" value='<?php echo
$address; ?>'></td>
            </tr>
            <tr>
                <td>Email:</td>
                <td><input type="text" name="email" value="<?php echo
$email; ?>" ></td>
            </tr>
            <tr>
                <td>Phone:</td>
                <td><input type="text" name="phone" value="<?php echo
$phone; ?>"></td>
            </tr>
            <tr>
                <td>Salary:</td>
                <td><input type="text" name="salary" value="<?php echo
$salary; ?>" ></td>
            </tr>
                <tr>
                    <td>Password:</td>
                    <td><input type="password" name="pass" value="<?php
echo $pass; ?>" ></td>
                </tr>

                <?php
                    if($update == true)
                        echo '<tr>
                                <td><button type="submit"
name="update">Update</button></td>
                                <td><button type="submit"
name="refresh">Refresh</button></td>
                            </tr>';
                    else
                        echo '<tr><td><button type="submit"
name="save">Add</button></td></tr>';
                ?>
            </table>
        </form>


        </table>
            </a><br>
            <a href="admin_home.php">
                    <font size="6" style="background-color: dodgerblue;
color:white;"
```

Hotel Booking System

```
                                >Back to Admin</font
                        ></b>
                </a><br><br>
            <form action="" method="post">
                <input type="submit" value="Log Out" name="submit">
            </form>

    </body>
</html>
```

ManageUser.php

```php
<?php
    require_once "../controllers/control_user.php";

    if(isset($_POST['submit']))
    {
        session_destroy();
        session_start();
        $_SESSION['active'] = false;
        $_SESSION['check'] = false;
        header("Location:home.php");
    }
    if(isset($_SESSION['message']))
      {
          echo $_SESSION['message'];
          unset($_SESSION['message']); // Destroys the speccified variables
      }
?>

<html>
    <head>
        <title>User Info</title>
    </head>
    <body style="background-color:DarkCyan">
        <center>
        <h1>All User Details</h1>
        <table border="2" width="600">
            <tr>
                <th>UserId</th>
                <th>FirstName</th>
                <th>LastName</th>
                <th>Gender</th>
                <th>Address</th>
                <th>Email</th>
                <th>Phone</th>
                <th>Edit</th>
```

```php
            <th>Delete</th>
        </tr>

        <?php

            $run=mysqli_query($conn,"Select * from user");
            $row_num = mysqli_num_rows($run);


            if($row_num > 0)
            {
                while($row = mysqli_fetch_assoc($run)): ?>
                    <tr>
                        <td><?php echo $row['userId']; ?></td>
                        <td><?php echo $row['firstName']; ?></td>
                        <td><?php echo $row['lastName']; ?></td>
                        <td><?php echo $row['gender']; ?></td>
                        <td><?php echo $row['address']; ?></td>
                        <td><?php echo $row['email']; ?></td>
                        <td><?php echo $row['phone']; ?></td>
                        <td><a href="showUser.php?edit=<?php echo
$row['userId']; ?>"><button>Edit</button></a></td>
                        <td><a
href="../controllers/control_user.php?delete=<?php echo $row['userId'];
?>"><button>Delete</button></a></td>
                    </tr>

                <?php endwhile;
            }
            echo "</table>"."<br>"."<br>";

        ?>

    <form action="../controllers/control_user.php" method="POST">
        <table>
            <tr>
                <td>Id:</td>
                <td><input type="text" name="id" value='<?php echo $id;
?>'></td>
            </tr>
            <tr>
                <td>First Name:</td>
                <td><input type="text" name="fname" value="<?php echo
$fname; ?>" ></td>
            </tr>
            <tr>
                <td>Last Name:</td>
```

```php
            <td><input type="text" name="lname" value="<?php echo
$lname; ?>"></td>
        </tr>
        <tr>
            <td>Gender:</td>
                <td>
                    <input type="radio" name="gender" value="Male"
<?php if($gender == "Male"){echo "Checked";}?>> Male
                    <input type="radio" name="gender"
value="Female" <?php if($gender == "Female"){echo "Checked";}?>> Female
                </td>
        </tr>
        <tr>
            <td>Address:</td>
            <td><input type="text" name="address" value='<?php echo
$address; ?>'></td>
        </tr>
        <tr>
            <td>Email:</td>
            <td><input type="text" name="email" value="<?php echo
$email; ?>" ></td>
        </tr>
        <tr>
            <td>Phone:</td>
            <td><input type="text" name="phone" value="<?php echo
$phone; ?>"></td>
        </tr>
            <tr>
                <td>Password:</td>
                <td><input type="password" name="pass" value="<?php
echo $pass; ?>" ></td>
            </tr>

            <?php
                if($update == true)
                    echo '<tr>
                            <td><button type="submit"
name="update">Update</button></td>
                            <td><button type="submit"
name="refresh">Refresh</button></td>
                        </tr>';
                else
                    echo '<tr><td><button type="submit"
name="save">Add</button></td></tr>';
            ?>
        </table>
    </form>
```

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```html
            </table>
                </a><br>
                <a href="employee_home.php">
                        <font size="6" style="background-color: dodgerblue;
color:white;"
                                    >Back to Employee</font
                        ></b>
                </a><br><br>
        <form action="" method="post">
                <input type="submit" value="Log Out" name="submit">
        </form>

        </body>
</html>
```