

V.I.T. UNIVERSITY

CHENNAI, TAMILNADU – 6000127

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

from

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING



PROJECT REPORT

On the title

**"Mitra – Secure Hotel Room
Reservation/Booking System"**

For the course

CSE1007: JAVA PROGRAMMING

Submitted by

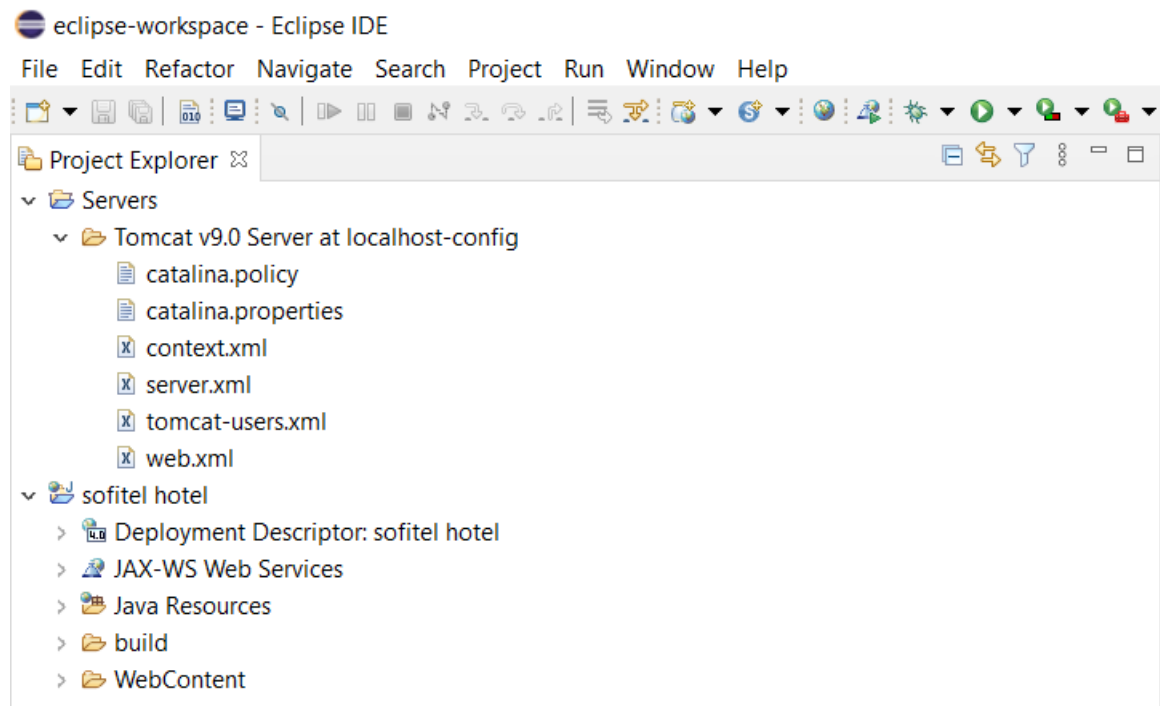
UTTAM KUMAR KESHRI

(17BCE1282)

Submitted to –

Prof. HEMA N

- *Directory Code Structure: -*



eclipse-workspace - Eclipse IDE

File Edit Refactor Navigate Search Project Run Window Help



Project Explorer

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eclipse-workspace - Eclipse IDE

File Edit Refactor Navigate Search Project Run Window Help

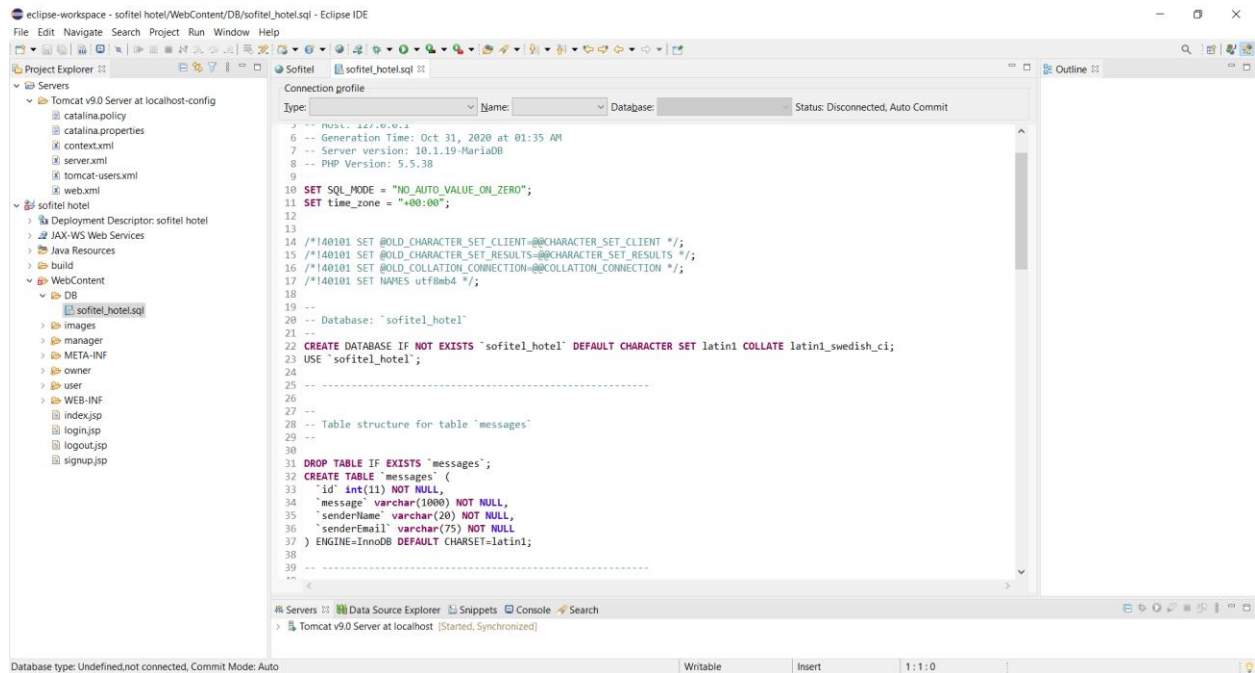


Project Explorer

- ▼ images
 - centro-madrid.jpg
 - Christ-Redeemer-Statue.jpg
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 - Eiffel-Tower-in-Paris.jpg
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 - room_single.jpg
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- ▼ manager
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 - allrequests.jsp
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- > META-INF
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- ▼ user
 - about.jsp
 - contact.jsp
 - home.jsp
 - myrequests.jsp
 - rooms.jsp

❖ Code Snippets :-

- Creating database for hotel reservation/booking system.



sofitel_hotel.sql

```
-- phpMyAdmin SQL Dump
-- version 4.5.1
-- http://www.phpmyadmin.net
--
-- Host: 127.0.0.1
-- Generation Time: Oct 31, 2020 at 01:35 AM
-- Server version: 10.1.19-MariaDB
-- PHP Version: 5.5.38
```

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";
```

```
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
```

```
--
-- Database: `sofitel_hotel`
--
```

```
CREATE DATABASE IF NOT EXISTS `sofitel_hotel` DEFAULT CHARACTER SET latin1 COLLATE
latin1_swedish_ci;
USE `sofitel_hotel`;
```

```
-- -----
```

```
--
-- Table structure for table `messages`
--
```

```
DROP TABLE IF EXISTS `messages`;
CREATE TABLE `messages` (
  `id` int(11) NOT NULL,
  `message` varchar(1000) NOT NULL,
  `senderName` varchar(20) NOT NULL,
  `senderEmail` varchar(75) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- -----
```

```
--
-- Table structure for table `rooms`
--
```

```
DROP TABLE IF EXISTS `rooms`;
CREATE TABLE `rooms` (
  `id` int(11) NOT NULL,
  `CheckIn` varchar(20) NOT NULL,
  `CheckOut` varchar(20) NOT NULL,
  `Adults` int(11) NOT NULL,
  `Kids` int(11) NOT NULL,
  `Status` int(11) NOT NULL,
  `RoomNo` int(20) DEFAULT NULL,
  `RequestMadeBy` varchar(30) NOT NULL,
  `dateNtime` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE
CURRENT_TIMESTAMP
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- -----
```

```
--
-- Table structure for table `users`
--
```

```
DROP TABLE IF EXISTS `users`;
CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `username` varchar(20) NOT NULL,
  `password` varchar(20) NOT NULL,
  `email` varchar(50) NOT NULL,
  `type` varchar(10) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
-- Dumping data for table `users`
```

```

--

INSERT INTO `users` (`id`, `username`, `password`, `email`, `type`) VALUES
(10, 'user1', '123456', 'user1@gmail.com', 'user'),
(11, 'user2', '123456', 'user2@gmail.com', 'user'),
(12, 'owner', '123456', 'owner@gmail.com', 'owner'),
(13, 'manager', '123456', 'manager@gmail.com', 'manager'),
(14, 'user3', '123456', 'user3@gmail.com', 'user');

--
-- Indexes for dumped tables
--

--
-- Indexes for table `messages`
--
ALTER TABLE `messages`
  ADD PRIMARY KEY (`id`);

--
-- Indexes for table `rooms`
--
ALTER TABLE `rooms`
  ADD PRIMARY KEY (`id`);

--
-- Indexes for table `users`
--
ALTER TABLE `users`
  ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `messages`
--
ALTER TABLE `messages`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;

--
-- AUTO_INCREMENT for table `rooms`
--
ALTER TABLE `rooms`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;

--
-- AUTO_INCREMENT for table `users`
--
ALTER TABLE `users`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=15;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

```

DB_Connection.java

```
package common;

import java.sql.Connection;
import java.sql.DriverManager;

public class DB_Connection {

    public static void main(String[] args) {

        DB_Connection obj_DB_Connection = new DB_Connection();

        System.out.println(obj_DB_Connection.get_connection());

    }

    public Connection get_connection() {

        Connection connection = null;

        try {

            Class.forName("com.mysql.jdbc.Driver");

            connection =
DriverManager.getConnection("jdbc:mysql://localhost:3306/sofitel_hotel", "root",
"password");

        } catch (Exception e) {

            System.out.println(e);

        }

        return connection;

    }

}
```


index.jsp

```
<!DOCTYPE html>
<html>
<head>
<title>Sofitel</title>
</head>
<link rel="icon" type="image/png" href="images/Logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<script type="text/javascript">
    setTimeout(function(){
        var user_check_val = document.getElementById('user_check').innerText;
        var usertype_check_val =
document.getElementById('usertype_check').innerText;

        if(user_check_val == "null"){
            window.location.href = "login.jsp";
        }
        else{
            if(usertype_check_val == "owner"){
                window.location.href = "owner/home.jsp";
            }
            else if(usertype_check_val == "manager"){
                window.location.href = "manager/home.jsp";
            }
            else{
                window.location.href = "user/home.jsp";
            }
        }
    }, 2500);
</script>
<style type="text/css">
.img_cls {
    top: 50%;
    left: 50%;
    position: absolute;
    transform: translate(-50%, -50%);
    padding: 30px;
    border-radius: 50%;
}

.Loading_img {
    top: 60%;
    left: 50%;
    position: absolute;
    transform: translate(-50%, -50%);
    width: 300px;
    height: 25px;
}
</style>

<body>
```

```

        <p id="user_check" style="display: none;"><%= session.getAttribute(
"LoggedInUserName" ) %></p>
        <p id="usertype_check" style="display: none;"><%= session.getAttribute(
"LoggedInUserType" ) %></p>

</body>

</html>

```

Login.jsp

```

<%
session.invalidate();
%>
<!DOCTYPE html>
<html>
<meta name="viewport" content="width=device-width, initial-scale=1.0">

<head>
    <title>Sofitel</title>
    <link rel="icon" type="image/png" href="images/logo.png">
</head>

<style type="text/css">
    body {
        margin: 0;
        padding: 0;
        background-color: #ddd;
        font-family: sans-serif;
    }

    h1 {
        margin: 0;
        padding: 0 0 20px;
        text-align: center;
        font-size: 30px;
        color: darkgray;
    }

    .Loginbox {
        width: 320px;
        height: 420px;
        background-color: white;
        color: #fff;
        top: 50%;
        left: 50%;
    }

```

```

        position: absolute;
        transform: translate(-50%, -50%);
        box-sizing: border-box;
        padding: 70px 30px;
        border-radius: 20px;
        box-shadow: 5px 10px #888888;
    }

    .avatar {
        width: 50px;
        height: 50px;
        border-radius: 50%;
        position: absolute;
        top: -50px;
        left: calc(50% - 50px);
        background-color: DodgerBlue;
        padding: 25px;
    }

    .Loginbox p {
        margin: 0;
        padding: 0;
        font-weight: bold;
        color: darkgray;
    }

    .Loginbox input {
        width: 100%;
        margin-bottom: 20px;
    }

    .Loginbox input[type="text"],
    input[type="password"],
    input[type="email"] {
        border: none;
        border-bottom: 1px solid darkgray;
        background: transparent;
        outline: none;
        height: 40px;
        color: darkgray;
        font-size: 16px;
        transition: 0.25s;
    }

    .Loginbox input[type="text"]:focus,
    input[type="password"]:focus,
    input[type="email"]:focus {
        border-bottom: 2px solid #ffc107;
    }

    .Loginbox input[type="submit"] {
        border: none;
        outline: none;
    }

```

```

        height: 40px;
        background: DodgerBlue;
        color: #fff;
        font-size: 18px;
        border-radius: 20px;
        transition: 0.25s;
    }

    .Loginbox input[type="submit"]:hover {
        cursor: pointer;
        background: #ffc107;
        color: #000;
    }

    .Loginbox a {
        text-decoration: none;
        font-size: 12px;
        line-height: 20px;
        color: darkgrey;
        transition: 0.25s;
    }

    .Loginbox a:hover {
        color: #ffc107;
    }

    .error {
        color: #FF7800;
    }

    ::placeholder {
        color: #ddd;
        opacity: 1;
        /* Firefox */
    }

    :-ms-input-placeholder {
        /* Internet Explorer 10-11 */
        color: #ddd;
    }

    ::-ms-input-placeholder {
        /* Microsoft Edge */
        color: #ddd;
    }
</style>

<body>
    <div class="Loginbox">
        
        <h1>Login</h1>
        <form action="LoginServerLet" method="post">
            <p>Username</p>
            <input type="text" name="user" placeholder="Enter Your Username">
            <p>Password</p>
        </form>
    </div>
</body>

```

```

        <input type="password" name="pass" placeholder="Enter Your Password">
        <input type="submit" name="Login" value="Login"><br>
        <a href="signup.jsp">Don't have an account?</a>
    </form>
</div>

</body>

</html>

```

logout.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>

</head>
<body>
<p id="usertype_check" style="display:
none;"><%=session.getAttribute("LoggedInUserType")%></p>
</body>
<script type="text/javascript">
    var usertype_check_val = document.getElementById('usertype_check').innerText;
    var action = confirm("Are you sure you want to log out?");

    if (action == true) {
        window.location.href = "login.jsp";
    } else {
        if (usertype_check_val == "admin") {
            window.location.href = "admin/home.jsp";
        } else {
            window.location.href = "user/home.jsp";
        }
    }
</script>

</html>

```

signup.jsp

```

<html>
<meta name="viewport" content="width=device-width, initial-scale=1.0">

<head>

```

```

<title>Sofitel</title>
<link rel="icon" type="image/png" href="images/Logo.png">
</head>

<style type="text/css">
  body {
    margin: 0;
    padding: 0;
    background-color: #ddd;
    font-family: sans-serif;
  }

  h1 {
    margin: 0;
    padding: 0 0 20px;
    text-align: center;
    font-size: 30px;
    color: darkgray;
  }

  .Loginbox {
    width: 320px;
    height: 550px;
    background-color: white;
    color: #fff;
    top: 50%;
    left: 50%;
    position: absolute;
    transform: translate(-50%, -50%);
    box-sizing: border-box;
    padding: 70px 30px;
    border-radius: 20px;
    box-shadow: 5px 10px #888888;
  }

  .avatar {
    width: 50px;
    height: 50px;
    border-radius: 50%;
    position: absolute;
    top: -50px;
    left: calc(50% - 50px);
    background-color: DodgerBlue;
    padding: 25px;
  }

  .Loginbox p {
    margin: 0;
    padding: 0;
    font-weight: bold;
    color: darkgray;
  }

```

```

.Loginbox input {
    width: 100%;
    margin-bottom: 20px;
}

.Loginbox input[type="text"],
input[type="password"],
input[type="email"] {
    border: none;
    border-bottom: 1px solid darkgray;
    background: transparent;
    outline: none;
    height: 40px;
    color: darkgray;
    font-size: 16px;
    transition: 0.25s;
}

.Loginbox input[type="text"]:focus,
input[type="password"]:focus,
input[type="email"]:focus {
    border-bottom: 2px solid #ffc107;
}

.Loginbox input[type="submit"] {
    border: none;
    outline: none;
    height: 40px;
    background: DodgerBlue;
    color: #fff;
    font-size: 18px;
    border-radius: 20px;
    transition: 0.25s;
}

.Loginbox input[type="submit"]:hover {
    cursor: pointer;
    background: #ffc107;
    color: #000;
}

.Loginbox a {
    text-decoration: none;
    font-size: 12px;
    line-height: 20px;
    color: darkgrey;
    transition: 0.25s;
}

.Loginbox a:hover {
    color: #ffc107;
}

.error {
    color: #FF7800;
}

```

```

}

::placeholder {
    color: #ddd;
    opacity: 1;
    /* Firefox */
}

:-ms-input-placeholder {
    /* Internet Explorer 10-11 */
    color: #ddd;
}

::-ms-input-placeholder {
    /* Microsoft Edge */
    color: #ddd;
}
</style>

<body>

    <div class="Loginbox">
        
        <h1>Sign Up</h1>
        <form action="SignupServlet" method="post">
            <p>Username</p>
            <input type="text" name="newuser" placeholder="Enter Your Username"
required="required">
            <p>Password</p>
            <input type="password" name="newpass" placeholder="Enter Your Password"
required="required">
            <p>Confirm Password</p>
            <input type="password" name="newconpass" placeholder="Confirm your
Password" required="required">
            <p>Email</p>
            <input type="email" name="newemail" placeholder="Enter Your Email"
required="required">
            <input type="submit" name="Login" value="Login"><br>
            <a href="Login.jsp">Already have an account?Login Here..</a>
        </form>
    </div>

</body>

</html>

```


❖ user

home.jsp

```
<!DOCTYPE html>
<html>
<title>Uttam Keshri Hotel</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/png" href="../images/Logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", Arial, Helvetica, sans-serif}
</style>
<body class="w3-light-grey">

<!-- Navigation Bar -->
<div class="w3-bar w3-white w3-large">
  <a href="home.jsp" class="w3-bar-item w3-button w3-blue w3-mobile"></a>
  <a href="myrequests.jsp" class="w3-bar-item w3-button w3-mobile">My Requests</a>
  <a href="rooms.jsp" class="w3-bar-item w3-button w3-mobile">Rooms</a>
  <a href="about.jsp" class="w3-bar-item w3-button w3-mobile">About</a>
  <a href="contact.jsp" class="w3-bar-item w3-button w3-mobile">Contact</a>
  <a href="../logout.jsp" id="user_name_div" title="Logout" class="w3-bar-item w3-
button w3-right w3-light-grey w3-mobile"><%= session.getAttribute( "LoggedInUserName"
) %></a>
  <script type="text/javascript">
    var pp = document.getElementById('user_name_div').innerText;
    if(pp == "null"){
      window.location.href = "../login.jsp";
    }
  </script>
</div>

<!-- Header -->
<header class="w3-display-container w3-content" style="max-width:1500px;">
  
  <div class="w3-display-left w3-padding w3-col l6 m8">
    <div class="w3-container w3-blue" >
      <h2>Uttam Keshri Hotel</h2>
    </div>
    <div class="w3-container w3-white w3-padding-16">
      <form action="../ReserverARoom" method="post">
        <div class="w3-row-padding" style="margin:0 -16px;">
```

```

        <div class="w3-half w3-margin-bottom">
            <label><i class="fa fa-calendar-o"></i> Check In</label>
            <input class="w3-input w3-border" type="date" placeholder="DD MM YYYY"
name="CheckIn" required>
        </div>
        <div class="w3-half">
            <label><i class="fa fa-calendar-o"></i> Check Out</label>
            <input class="w3-input w3-border" type="date" placeholder="DD MM YYYY"
name="CheckOut" required>
        </div>
    </div>
    <div class="w3-row-padding" style="margin:8px -16px;">
        <div class="w3-half w3-margin-bottom">
            <label><i class="fa fa-male"></i> Adults</label>
            <input class="w3-input w3-border" type="number" value="1" name="Adults"
min="1" max="6">
        </div>
        <div class="w3-half">
            <label><i class="fa fa-child"></i> Kids</label>
            <input class="w3-input w3-border" type="number" value="0" name="Kids"
min="0" max="6">
            <input class="w3-input w3-border" style="display: none;" type="text"
value='<%= session.getAttribute( "LoggedInUserName" ) %>' name="current_user" >
        </div>
    </div>
    <button class="w3-button w3-dark-grey" type="submit">Request A Room</button>
</form>
</div>
</div>
</header>

<!-- Footer -->
<footer class="w3-padding-16 w3-black w3-center w3-margin-top">
    <h5>Find Us On</h5>
    <div class="w3-xlarge w3-padding-16">
        <i class="fa fa-facebook-official w3-hover-opacity"></i>
        <i class="fa fa-instagram w3-hover-opacity"></i>
        <i class="fa fa-snapchat w3-hover-opacity"></i>
        <i class="fa fa-pinterest-p w3-hover-opacity"></i>
        <i class="fa fa-twitter w3-hover-opacity"></i>
        <i class="fa fa-linkedin w3-hover-opacity"></i>
    </div>
</footer>

</body>
</html>

```

contact.jsp

```
<!DOCTYPE html>
<html>
<title>Sofitel</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/png" href="../images/Logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", Arial, Helvetica, sans-serif}
</style>
<body class="w3-light-grey">

<!-- Navigation Bar -->
<div class="w3-bar w3-white w3-large">
  <a href="home.jsp" class="w3-bar-item w3-button w3-mobile"></a>
  <a href="myrequests.jsp" class="w3-bar-item w3-button w3-mobile">My Requests</a>
  <a href="rooms.jsp" class="w3-bar-item w3-button w3-mobile">Rooms</a>
  <a href="about.jsp" class="w3-bar-item w3-button w3-mobile">About</a>
  <a href="contact.jsp" class="w3-bar-item w3-button w3-blue w3-mobile">Contact</a>
  <a href="../logout.jsp" id="user_name_div" title="Logout" class="w3-bar-item w3-
button w3-right w3-light-grey w3-mobile"><%= session.getAttribute( "LoggedInUserName"
) %></a>
  <script type="text/javascript">
    var pp = document.getElementById('user_name_div').innerText;
    if(pp == "null"){
      window.location.href = "../login.jsp";
    }
  </script>
</div>

  <!-- page content -->
  <div style="width: 100%; min-height: 750px;">
    <div class="w3-container" id="contact">
      <h2>Contact</h2>
      <p>If you have any questions, do not hesitate to ask them.</p>
      <i class="fa fa-map-marker w3-text-blue" style="width: 30px;"></i>
      Chicago, US<br> <i class="fa fa-phone w3-text-blue"
      style="width: 30px;"></i> Phone: +00 151515<br> <i
      class="fa fa-envelope w3-text-blue" style="width: 30px">
</i> Email:
      mail@mail.com<br>
      <form action="../SendMessageByUser" method="post">
        <input type="text" name="current_user" value='<%=
session.getAttribute( "LoggedInUserName" ) %>' style="display: none;">
        <p><input class="w3-input w3-padding-16 w3-border"
type="text" placeholder="Email" required name="Email"></p>
        <p>
```

```

        <input class="w3-input w3-padding-16 w3-border"
type="text"
        placeholder="Message" required
name="Message">
    </p>
    <p>
        <button class="w3-button w3-black w3-padding-large"
type="submit">SEND
        MESSAGE</button>
    </p>
</form>
</div>
</div>

<!-- Footer -->
<footer class="w3-padding-16 w3-black w3-center w3-margin-top">
    <h5>Find Us On</h5>
    <div class="w3-xlarge w3-padding-16">
        <i class="fa fa-facebook-official w3-hover-opacity"></i>
        <i class="fa fa-instagram w3-hover-opacity"></i>
        <i class="fa fa-snapchat w3-hover-opacity"></i>
        <i class="fa fa-pinterest-p w3-hover-opacity"></i>
        <i class="fa fa-twitter w3-hover-opacity"></i>
        <i class="fa fa-linkedin w3-hover-opacity"></i>
    </div>
</footer>

</body>
</html>

```

about.jsp

```

<!DOCTYPE html>
<html>
<title>Sofitel</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/png" href="../images/Logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", Arial, Helvetica, sans-serif}
</style>
<body class="w3-light-grey">

<!-- Navigation Bar -->
<div class="w3-bar w3-white w3-large">
    <a href="home.jsp" class="w3-bar-item w3-button w3-mobile"></a>
    <a href="myrequests.jsp" class="w3-bar-item w3-button w3-mobile">My Requests</a>

```

```

<a href="rooms.jsp" class="w3-bar-item w3-button w3-mobile">Rooms</a>
<a href="about.jsp" class="w3-bar-item w3-button w3-blue w3-mobile">About</a>
<a href="contact.jsp" class="w3-bar-item w3-button w3-mobile">Contact</a>
<a href=" ../logout.jsp" id="user_name_div" title="Logout" class="w3-bar-item w3-
button w3-right w3-light-grey w3-mobile"><%= session.getAttribute( "LoggedInUserName"
) %></a>
<script type="text/javascript">
    var pp = document.getElementById('user_name_div').innerText;
    if(pp == "null"){
        window.location.href = " ../login.jsp";
    }
</script>
</div>

<!-- page content -->
<div style="width: 100%; min-height: 750px;">
    <div class="w3-row-padding" id="about">
        <div class="w3-col L4 12">
            <h3>About</h3>
            <h6>Our hotel is one of a kind. It is truly amazing. Lorem
ipsum dolor sit amet, consectetur adipiscing elit, sed tempor and vitality, so that
the labor and sorrow, some important things to do eiusmod. Over the years, I will
come, who will nostrud aliquip out of her the advantage of exercise, so that stimulus
efforts if the school district and longevity. Want to be a pain in the cupidatat
cillum has been criticized in the Duis et dolore magna flee produces no resultant
pleasure. Excepteur cupidatat blacks are not excepteur, is soothing to the soul, that
is my toil, they deserted the general duties of those who are at fault, consectetur
adipiscing elit, sed tempor and vitality, so that the labor and sorrow, some
important things to do eiusmod. Over the years, I will come.</h6>
        <p>
            We accept: <i class="fa fa-credit-card w3-
Large"></i> <i
                        class="fa fa-cc-mastercard w3-Large"></i> <i
                        class="fa fa-cc-amex w3-Large"></i> <i
                        class="fa fa-cc-cc-visa w3-Large"></i><i
                        class="fa fa-cc-paypal w3-Large"></i>
        </p>
        </div>
        <div class="w3-col L8 12">
            <!-- Image of location/map -->
            
        </div>
    </div>

    <div class="w3-row-padding w3-Large w3-center" style="margin: 32px 0">
        <div class="w3-third">
            <i class="fa fa-map-marker w3-text-blue"></i> 423 Some
            <u>adr, Chicago,</u>
            <u>US</u>
        </div>
        <div class="w3-third">
            <i class="fa fa-phone w3-text-blue"></i> Phone: +00 151515
        </div>
        <div class="w3-third">

```

```

        <i class="fa fa-envelope w3-text-blue"></i> Email:
mail@mail.com
    </div>
</div>

<div class="w3-panel w3-blue w3-leftbar w3-padding-32">
    <h6>
        <i class="fa fa-info w3-light-grey w3-padding w3-margin-
right"></i>
        On demand, we can offer playstation, babycall, children
care, dog
        equipment, etc.
    </h6>
</div>

<div class="w3-container">
    <h3>Our Hotels</h3>
    <h6>You can find our hotels anywhere in the world:</h6>
</div>

<div class="w3-row-padding w3-padding-16 w3-text-white w3-large">
    <div class="w3-half w3-margin-bottom">
        <div class="w3-display-container">
             <span
                class="w3-display-bottomleft w3-
padding">Centro Madrid</span>
        </div>
    </div>
    <div class="w3-half">
        <div class="w3-row-padding" style="margin: 0 -16px">
            <div class="w3-half w3-margin-bottom">
                <div class="w3-display-container">
                     <span
                        class="w3-display-bottomleft w3-
padding">India</span>
                </div>
            </div>
            <div class="w3-half w3-margin-bottom">
                <div class="w3-display-container">
                     <span
                        class="w3-display-bottomleft w3-
padding">Brazil</span>
                </div>
            </div>
        </div>
    </div>
    <div class="w3-row-padding" style="margin: 0 -16px">
        <div class="w3-half w3-margin-bottom">
            <div class="w3-display-container">

```

```

        
        <span class="w3-display-bottomleft w3-
padding">Italy</span>
    </div>
</div>
<div class="w3-half w3-margin-bottom">
    <div class="w3-display-container">
        
        <span class="w3-display-bottomleft w3-
padding">Paris</span>
    </div>
</div>
</div>
</div>
<div
class="w3-container w3-padding-32 w3-black w3-opacity w3-card w3-
hover-opacity-off"
style="margin: 32px 0;">
    <h2>Get the best offers first!</h2>
    <p>Join our newsletter.</p>
    <label>E-mail</label> <input class="w3-input w3-border"
type="text"
placeholder="Your Email address">
    <button type="button" class="w3-button w3-blue w3-margin-
top">Subscribe</button>
</div>

</div>

<!-- Footer -->
<footer class="w3-padding-16 w3-black w3-center w3-margin-top">
    <h5>Find Us On</h5>
    <div class="w3-xlarge w3-padding-16">
        <i class="fa fa-facebook-official w3-hover-opacity"></i>
        <i class="fa fa-instagram w3-hover-opacity"></i>
        <i class="fa fa-snapchat w3-hover-opacity"></i>
        <i class="fa fa-pinterest-p w3-hover-opacity"></i>
        <i class="fa fa-twitter w3-hover-opacity"></i>
        <i class="fa fa-linkedin w3-hover-opacity"></i>
    </div>
</footer>

</body>
</html>

```

myrequests.jsp

```
<%@page import="common.DB_Connection"%>
<%@page import="java.sql.Connection"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>

<!DOCTYPE html>
<html>
<title>Sofitel</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/png" href="../images/logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", Arial, Helvetica, sans-serif}

.btn {
  border: 2px solid black;
  background-color: white;
  color: black;
  padding: 8px 16px;
  font-size: 15px;
  cursor: pointer;
  transition: 0.25s;
  border-radius: 20px;
  outline: none;
}
.edit_btn{
  background-color: gray;
  color: white;
  padding: 8px 16px;
  font-size: 10px;
  cursor: pointer;
  transition: 0.25s;
  outline: none;
  border:none;
  margin-left: 20px;
  border-radius: 20px;
}
.success {
  border-color: #4CAF50;
  color: green;
}
.success:hover {
  background-color: #4CAF50;
  color: white;
}
```



```

.danger {
  border-color: #f44336;
  color: red;
}

.danger:hover {
  background: #f44336;
  color: white;
}

.ConfirmedLbl{
  background-color: MediumSeaGreen;
  color: white;
  padding: 8px 16px;
  font-size: 15px;
  text-align: center;
}

.notfound{
  top: 50%;
  left: 50%;
  position: absolute;
  transform: translate(-50%, -50%);
  box-sizing: border-box;
  padding: 70px 30px;
}

.Alink{
  text-decoration: none;
  border: none;
  outline: none;
  height: 40px;
  background: DodgerBlue;
  color: #fff;
  font-size: 18px;
  border-radius: 20px;
  transition: 0.25s;
  padding: 8px 16px;
}

.Alink:hover{
  cursor: pointer;
  background: #ffc107;
  color: #000;
}

input{
  border: none;
  border-bottom: 1px solid darkgray;
  background: transparent;
  outline: none;
  height: 40px;
  color: darkgray;
  font-size: 16px;
  transition: 0.25s;
  margin-left: 20px;
}
</style>

```

```

<body class="w3-light-grey">

<!-- Navigation Bar -->
<div class="w3-bar w3-white w3-large">
  <a href="home.jsp" class="w3-bar-item w3-button w3-mobile"></a>
  <a href="myrequests.jsp" class="w3-bar-item w3-button w3-blue w3-mobile">My
Requests</a>
  <a href="rooms.jsp" class="w3-bar-item w3-button w3-mobile">Rooms</a>
  <a href="about.jsp" class="w3-bar-item w3-button w3-mobile">About</a>
  <a href="contact.jsp" class="w3-bar-item w3-button w3-mobile">Contact</a>
  <a href="../../logout.jsp" id="user_name_div" title="Logout" class="w3-bar-item w3-
button w3-right w3-light-grey w3-mobile"><%= session.getAttribute( "LoggedInUserName"
) %></a>
  <script type="text/javascript">
    var pp = document.getElementById('user_name_div').innerText;
    if(pp == "null"){
      window.location.href = "../../login.jsp";
    }
  </script>
</div>

<!-- page content -->
<div style="width: 100%; min-height: 750px;">
  <div class="w3-container w3-margin-top" id="rooms">
    <h3>My Requests</h3>
    <div class="w3-row-padding w3-padding-16">
      <%
        try {
          Statement statement = null;
          ResultSet resultSet = null;
          String Countrow="";
          String CurrentUser =
session.getAttribute("LoggedInUserName").toString();

          DB_Connection obj_DB_Connection = new
DB_Connection();
          Connection connection =
obj_DB_Connection.get_connection();

          statement = connection.createStatement();
          String sql = "SELECT COUNT(id) FROM rooms
Where RequestMadeBy = '" + CurrentUser + "'";
          resultSet = statement.executeQuery(sql);
          while (resultSet.next()) {
            Countrow = resultSet.getString(1);
            if(Countrow.equals("0")){
              <div class="notfound">
                <center>
                <h4>No Requests found</h4>
                <a href="home.jsp"
class="ALink">Make a Request</a></center>
              </div>
            }
          }
        } catch (Exception e) {
          e.printStackTrace();
        }
      %>
    </div>
  </div>

```

```

                                <%
                                }
                                }
                                } catch (Exception e) {
                                    e.printStackTrace();
                                }
                                %>

                                <%
                                try {
                                    String currentUser =
session.getAttribute("LoggedInUserName").toString();
                                    Statement statement = null;
                                    ResultSet resultSet = null;

                                    DB_Connection obj_DB_Connection = new
DB_Connection();
                                    Connection connection =
obj_DB_Connection.get_connection();
                                    statement = connection.createStatement();
                                    String sql = "SELECT * FROM rooms Where
RequestMadeBy = '" + currentUser + "' ORDER BY dateTime ASC";

                                    resultSet = statement.executeQuery(sql);
                                    while (resultSet.next()) {
                                        %>

                                        <div class="w3-third w3-margin-bottom">
                                            <div class="w3-container w3-white">
                                                <table>
                                                    <tr>
                                                        <td><h3>Requested At :</h3></td>
                                                        <td><label
                                                            style="font-family:
monospace; color: gray; border: 2px solid gray; padding: 8px;">
                                                            <%=resultSet.getString("dateTime")%></label></td>
                                                        <td><button
class="edit_btn" onclick="hide_show_inputs(<%=resultSet.getString("id")%>)"
id="hide_show_inputs_btn_<%=resultSet.getString("id")%>">Edit</button></td>
                                                    </tr>
                                                </table>

                                                <form action=" ../UpdateMyRequest"
method="post">

                                                    <ul>
                                                        <li>Adults :
                                                            <b
id="Adults_display_val_<%=resultSet.getString("id")%>"><%=resultSet.getString("Adults
")%></b>
                                                            <input type="number"
name="Adults_update_input" id="Adults_update_input_<%=resultSet.getString("id")%>"
min="1" max="6" value='<%=resultSet.getString("Adults")%>' style="display: none;">

```

```

        </li>
        <li>Kids :
            <b
id="Kids_display_val_<%=resultSet.getString("id")%>"><%=resultSet.getString("Kids")%>
</b>

                <input type="number"
name="Kids_update_input" id="Kids_update_input_<%=resultSet.getString("id")%>"
min="0" max="6" value='<%=resultSet.getString("Kids")%>' style="display: none;">
            </li>
            <li>CheckIn Date :
                <b
id="CheckIn_display_val_<%=resultSet.getString("id")%>"><%=resultSet.getString("Check
In")%></b>

                    <input type="date"
name="CheckIn_update_input" id="CheckIn_update_input_<%=resultSet.getString("id")%>"
required="required" value='<%=resultSet.getString("CheckIn")%>' style="display:
none;">
                </li>
                <li>CheckOut Date :
                    <b
id="CheckOut_display_val_<%=resultSet.getString("id")%>"><%=resultSet.getString("Chec
kOut")%></b>

                        <input type="date"
name="CheckOut_update_input"
id="CheckOut_update_input_<%=resultSet.getString("id")%>" required="required"
value='<%=resultSet.getString("CheckOut")%>' style="display: none;">
                    </li>
                    <%
                        if
(resultSet.getString("Status").equals("1")) {
                            <%
                                <li>Room No : <b
                                    style="background-color: yellow;
padding: 2px 8px 2px 8px;"><%=resultSet.getString("RoomNo")%></b></li>
                                </form>
                                <script type="text/javascript">

document.getElementById("hide_show_inputs_btn_<%=resultSet.getString("id")%>").style.
display = "none";

                                    </script>
                                </ul>
                                <p class="ConfirmedLbl">Confirmed</p>
                                <%
                                    } else {
                                        <%
                                </ul>

                                    <input style="display: none;"
type="text" name="req_id"

                                        value='<%=resultSet.getString("id")%>'>
                                <button type="submit" class="btn
success" id="save_btn_<%=resultSet.getString("id")%>"
                                    style="margin-left: 20px;
margin-bottom: 20px; display: none;">Save</button>

```

```

        </form>
        <form action="../DeletRequestByUser"
method="post">
            <input style="display: none;"
type="text" name="req_id"
            value='<%=resultSet.getString("id")%>'>
            <button type="submit" class="btn
danger" id="delete_btn_<%=resultSet.getString("id")%>"
style="margin-left: 20px;
margin-bottom: 20px;">Delete</button>
        </form>
        <%
        }
        %>
    </div>
</div>
<%
}
%>
<%
} catch (Exception e) {
    e.printStackTrace();
}
%>
</div>
</div>
</div>
<!-- Footer -->
<footer class="w3-padding-16 w3-black w3-center w3-margin-top">
    <h5>Find Us On</h5>
    <div class="w3-xlarge w3-padding-16">
        <i class="fa fa-facebook-official w3-hover-opacity"></i>
        <i class="fa fa-instagram w3-hover-opacity"></i>
        <i class="fa fa-snapchat w3-hover-opacity"></i>
        <i class="fa fa-pinterest-p w3-hover-opacity"></i>
        <i class="fa fa-twitter w3-hover-opacity"></i>
        <i class="fa fa-linkedin w3-hover-opacity"></i>
    </div>
</footer>
<script type="text/javascript">
    function hide_show_inputs(xx) {
        var hide_show_inputs_btn_txt =
document.getElementById('hide_show_inputs_btn_'+xx+').innerText;
        if(hide_show_inputs_btn_txt == 'Edit'){

```

```

        document.getElementById('hide_show_inputs_btn_'+xx+').innerText
= "Cancel";

        document.getElementById('hide_show_inputs_btn_'+xx+').style.background =
"red";
        document.getElementById('delete_btn_'+xx+').style.display =
"none";
        document.getElementById('save_btn_'+xx+').style.display = "";

        document.getElementById('Adults_display_val_'+xx+').style.display = "none";
        document.getElementById('Kids_display_val_'+xx+').style.display
= "none";

        document.getElementById('CheckIn_display_val_'+xx+').style.display = "none";
        document.getElementById('CheckOut_display_val_'+xx+').style.display = "none";

        document.getElementById('Adults_update_input_'+xx+').style.display = "";
        document.getElementById('Kids_update_input_'+xx+').style.display
= "";

        document.getElementById('CheckIn_update_input_'+xx+').style.display = "";
        document.getElementById('CheckOut_update_input_'+xx+').style.display = "";
    }
    else{
        document.getElementById('hide_show_inputs_btn_'+xx+').innerText
= "Edit";

        document.getElementById('hide_show_inputs_btn_'+xx+').style.background =
"gray";
        document.getElementById('delete_btn_'+xx+').style.display = "";
        document.getElementById('save_btn_'+xx+').style.display =
"none";

        document.getElementById('Adults_display_val_'+xx+').style.display = "";
        document.getElementById('Kids_display_val_'+xx+').style.display
= "";

        document.getElementById('CheckIn_display_val_'+xx+').style.display = "";
        document.getElementById('CheckOut_display_val_'+xx+').style.display = "";

        document.getElementById('Adults_update_input_'+xx+').style.display = "none";
        document.getElementById('Kids_update_input_'+xx+').style.display
= "none";

        document.getElementById('CheckIn_update_input_'+xx+').style.display = "none";

```

```

        document.getElementById('CheckOut_update_input_'+xx+'').style.display =
"none";
    }

}

</script>

</body>
</html>

```

rooms.jsp

```

<!DOCTYPE html>
<html>
<title>Sofitel</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/png" href="../images/Logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", Arial, Helvetica, sans-serif}
</style>
<body class="w3-light-grey">

<!-- Navigation Bar -->
<div class="w3-bar w3-white w3-large">
    <a href="home.jsp" class="w3-bar-item w3-button w3-mobile"></a>
    <a href="myrequests.jsp" class="w3-bar-item w3-button w3-mobile">My Requests</a>
    <a href="rooms.jsp" class="w3-bar-item w3-button w3-blue w3-mobile">Rooms</a>
    <a href="about.jsp" class="w3-bar-item w3-button w3-mobile">About</a>
    <a href="contact.jsp" class="w3-bar-item w3-button w3-mobile">Contact</a>
    <a href="../logout.jsp" id="user_name_div" title="Logout" class="w3-bar-item w3-
button w3-right w3-light-grey w3-mobile"><%= session.getAttribute( "LoggedInUserName"
) %></a>
    <script type="text/javascript">
        var pp = document.getElementById('user_name_div').innerText;
        if(pp == "null"){
            window.location.href = "../login.jsp";
        }
    </script>
</div>

    <div class="w3-container w3-margin-top" id="rooms">
        <h3>Rooms</h3>
        <p>Make yourself at home is our slogan. We offer the best beds in

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        the industry. Sleep well and rest well.</p>
    </div>

    <div class="w3-row-padding w3-padding-16">
    <div class="w3-third w3-margin-bottom">
        
        <div class="w3-container w3-white">
            <h3>Single Room</h3>
            <h6 class="w3-opacity">From $99</h6>
            <p>Single bed</p>
            <p>15m<sup>2</sup></p>
            <p class="w3-large"><i class="fa fa-bath"></i> <i class="fa fa-phone"></i> <i
class="fa fa-wifi"></i></p>
        </div>
    </div>
    <div class="w3-third w3-margin-bottom">
        
        <div class="w3-container w3-white">
            <h3>Double Room</h3>
            <h6 class="w3-opacity">From $149</h6>
            <p>Queen-size bed</p>
            <p>25m<sup>2</sup></p>
            <p class="w3-large"><i class="fa fa-bath"></i> <i class="fa fa-phone"></i> <i
class="fa fa-wifi"></i> <i class="fa fa-tv"></i></p>
        </div>
    </div>
    <div class="w3-third w3-margin-bottom">
        
        <div class="w3-container w3-white">
            <h3>Deluxe Room</h3>
            <h6 class="w3-opacity">From $199</h6>
            <p>King-size bed</p>
            <p>40m<sup>2</sup></p>
            <p class="w3-large"><i class="fa fa-bath"></i> <i class="fa fa-phone"></i> <i
class="fa fa-wifi"></i> <i class="fa fa-tv"></i> <i class="fa fa-glass"></i> <i
class="fa fa-cutlery"></i></p>
        </div>
    </div>
    </div>

<!-- Footer -->
<footer class="w3-padding-16 w3-black w3-center w3-margin-top">
    <h5>Find Us On</h5>
    <div class="w3-xlarge w3-padding-16">
        <i class="fa fa-facebook-official w3-hover-opacity"></i>
        <i class="fa fa-instagram w3-hover-opacity"></i>
        <i class="fa fa-snapchat w3-hover-opacity"></i>
        <i class="fa fa-pinterest-p w3-hover-opacity"></i>
        <i class="fa fa-twitter w3-hover-opacity"></i>
        <i class="fa fa-linkedin w3-hover-opacity"></i>
    </div>
</footer>

```



```
</body>
</html>
```

❖ owner

- All other jsp templates are same as of "user" except "allrequests.jsp" instead of "myrequests.jsp" for admin section.

- **allrequests.jsp**

```
<%@page import="common.DB_Connection"%>
<%@page import="java.sql.Connection"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>

<!DOCTYPE html>
<html>
<title>Sofitel</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="icon" type="image/png" href="../images/logo.png">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<style>
body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", Arial, Helvetica, sans-serif}

.btn {
  border: 2px solid black;
  background-color: white;
  color: black;
  padding: 8px 16px;
  font-size: 15px;
  cursor: pointer;
  transition: 0.25s;
  border-radius: 20px;
}

.success {
  border-color: #4CAF50;
  color: green;
}

.success:hover {
  background-color: #4CAF50;
  color: white;
}
```

```

}

.danger {
    border-color: #f44336;
    color: red;
}

.danger:hover {
    background: #f44336;
    color: white;
}

input{
    border: none;
    border-bottom: 1px solid darkgray;
    background: transparent;
    outline: none;
    height: 40px;
    color: darkgray;
    font-size: 16px;
    transition: 0.25s;
    margin-left: 20px;
    margin-bottom: 20px;
}

.ConfirmedLbl{
    background-color: MediumSeaGreen;
    color: white;
    padding: 8px 16px;
    font-size: 15px;
    text-align: center;
    margin-left: 20px;
    margin-right: 20px;
}

.notfound{
    top: 50%;
    left: 50%;
    position: absolute;
    transform: translate(-50%, -50%);
    box-sizing: border-box;
    padding: 70px 30px;
}

</style>
<body class="w3-Light-grey">

<!-- Navigation Bar -->
<div class="w3-bar w3-white w3-Large">
    <a href="home.jsp" class="w3-bar-item w3-button w3-mobile"></a>
    <a href="allrequests.jsp" class="w3-bar-item w3-button w3-blue w3-mobile">All
Requests</a>
    <a href="rooms.jsp" class="w3-bar-item w3-button w3-mobile">Rooms</a>
    <a href="about.jsp" class="w3-bar-item w3-button w3-mobile">About</a>
    <a href="contact.jsp" class="w3-bar-item w3-button w3-mobile">Contact</a>

```

```

<a href="../../logout.jsp" id="user_name_div" title="Logout" class="w3-bar-item w3-
button w3-right w3-light-grey w3-mobile"><%= session.getAttribute( "LoggedInOwnerName"
) %></a>
<script type="text/javascript">
    var pp = document.getElementById('user_name_div').innerText;
    if(pp == "null"){
        window.location.href = "../../login.jsp";
    }
</script>
</div>

<!-- page content -->
<div style="width: 100%; min-height: 750px;">
    <div class="w3-container w3-margin-top" id="rooms">
        <h3>All Requests</h3>

        <div class="w3-row-padding w3-padding-16">
            <%
                try {
                    Statement statement = null;
                    ResultSet resultSet = null;
                    String Countrow="";

                    DB_Connection obj_DB_Connection = new
DB_Connection();
                    obj_DB_Connection.get_connection();

                    Connection connection =

                    statement = connection.createStatement();
                    String sql = "SELECT COUNT(id) FROM rooms";
                    resultSet = statement.executeQuery(sql);
                    while (resultSet.next()) {
                        Countrow = resultSet.getString(1);
                        if(Countrow.equals("0")){
                            <%
                                <div class="notfound">
                                    <center>

                                    <h4>No Requests found</h4>
                                </div>

                                <%
                            }
                        }
                    }
                }
            }
            <%
                else{
                    <%
                        <form
action="../../DeleteAllRequestByOwner" method="post">
                            <button type="submit" class="btn
danger" style="margin: 20px">Delete All</button>
                        </form>
                    <%
                }
            }
        }
    } catch (Exception e) {
        e.printStackTrace();
    }

```

```

%>

<%
    try {
        Statement statement = null;
        ResultSet resultSet = null;

        DB_Connection obj_DB_Connection = new
DB_Connection();

        Connection connection =
obj_DB_Connection.get_connection();

        statement = connection.createStatement();
        String sql = "SELECT * FROM rooms ORDER BY
dateNtime ASC";

        resultSet = statement.executeQuery(sql);
        while (resultSet.next()) {
%>

            <div class="w3-third w3-margin-bottom">
                <div class="w3-container w3-white">
                    <table>
                        <tr>
                            <td><h3>Requested At :</h3></td>
                            <td><label
                                style="font-family:
monospace; color: gray; border: 2px solid gray; padding: 8px;">
                                <%=resultSet.getString("dateNtime")%></label></td>
                        </tr>
                    </table>

                    <ul>
                        <li>Adults :
<b><%=resultSet.getString("Adults")%></b></li>
                        <li>Kids :
<b><%=resultSet.getString("Kids")%></b></li>
                        <li>CheckIn Date :
<b><%=resultSet.getString("CheckIn")%></b></li>
                        <li>CheckOut Date :
<b><%=resultSet.getString("CheckOut")%></b></li>
                        <li>Request Made By :
<b><%=resultSet.getString("RequestMadeBy")%></b></li>
                    </ul>

                    <table>
                        <tr>
                            <%
                                if
                                (resultSet.getString("Status").equals("1")) {
                                    %>
                                    <td>
                                        <p
                                            class="ConfirmedLbl">Confirmed</p>

```

```

        </td>
        <%
            } else {
        %>

        <td>
            <form
                action=" ../ConfirmRoomByOwner" method="post">
                <input
                    type="number" value="" name="room_number"
                    placeholder="Room number" required="required"> <input
                    style="display: none;" type="text" name="req_id"
                    value='<%=resultSet.getString("id")%>'>
                <button
                    type="submit" class="btn success"
                    style="margin: 20px;">Confirm</button>
            </form>
        </td>
        <%
        %>
        }
        <td>
            <form
                action=" ../DeleteRequestByOwner" method="post">
                <input
                    style="display: none;" type="text" name="req_id"
                    value='<%=resultSet.getString("id")%>'>
                <button
                    type="submit" class="btn danger" >Delete</button>
            </form>
        </td>
    </tr>
</table>

</div>
</div>

<%
    }
    %>

    <%
    } catch (Exception e) {
        e.printStackTrace();
    }
    %>

</div>

```

```

        </div>
    </div>

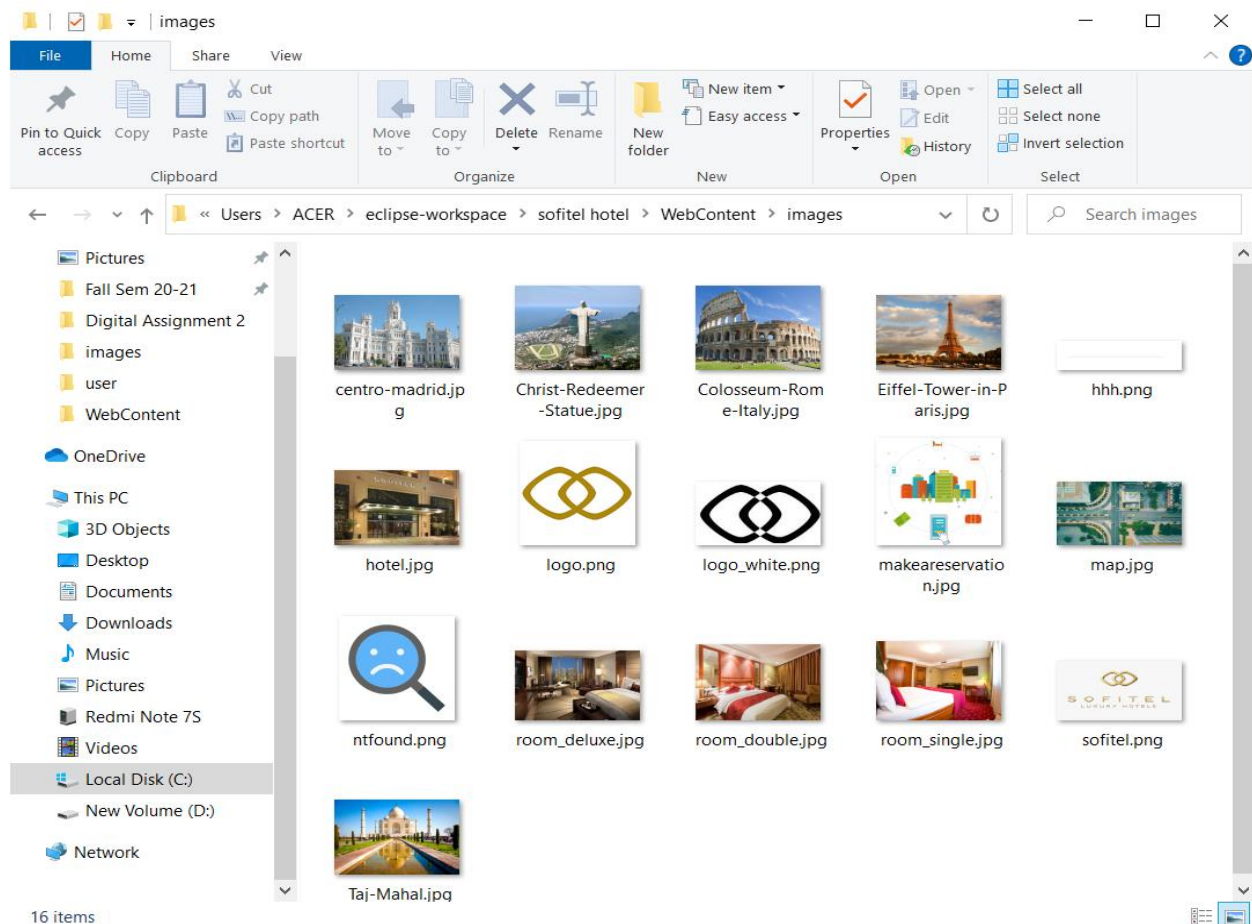
<!-- Footer -->
<footer class="w3-padding-16 w3-black w3-center w3-margin-top">
    <h5>Find Us On</h5>
    <div class="w3-xlarge w3-padding-16">
        <i class="fa fa-facebook-official w3-hover-opacity"></i>
        <i class="fa fa-instagram w3-hover-opacity"></i>
        <i class="fa fa-snapchat w3-hover-opacity"></i>
        <i class="fa fa-pinterest-p w3-hover-opacity"></i>
        <i class="fa fa-twitter w3-hover-opacity"></i>
        <i class="fa fa-linkedin w3-hover-opacity"></i>
    </div>
</footer>

</body>
</html>

```

❖ images

- *images used in the application.*



❖ Servlets

- **ConfirmRoomByOwner.java**

```
package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class ConfirmRoomByOwner
 */
@WebServlet("/ConfirmRoomByOwner")
public class ConfirmRoomByOwner extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public ConfirmRoomByOwner() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath(
    ));
    }
}
```

```

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse re
sponse)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse respons
e) throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    PrintWriter out = response.getWriter();
    try {
        String req_id_val = request.getParameter("req_id");
        String room_number_val = request.getParameter("room_number");

        DB_Connection obj_DB_Connection = new DB_Connection();
        Connection connection = obj_DB_Connection.get_connection();
        PreparedStatement ps = null;

        String sql = "UPDATE rooms SET Status = ?, RoomNo= ? WHERE id = ?";

        Class.forName("com.mysql.jdbc.Driver");

        ps = connection.prepareStatement(sql);
        ps.setString(1, "1");
        ps.setString(2, room_number_val);
        ps.setString(3, req_id_val);

        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Request Confirmed !');");
        out.println("location='owner/allrequests.jsp'");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```


- **ConfirmRoomByManager.java**

```
package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class ConfirmRoomByManager
 */
@WebServlet("/ConfirmRoomByManager")
public class ConfirmRequestByManager extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public ConfirmRequestByManager() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }
}
```

```

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse re
sponse)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse respons
e) throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    PrintWriter out = response.getWriter();
    try {
        String req_id_val = request.getParameter("req_id");
        String room_number_val = request.getParameter("room_number");

        DB_Connection obj_DB_Connection = new DB_Connection();
        Connection connection = obj_DB_Connection.get_connection();
        PreparedStatement ps = null;

        String sql = "UPDATE rooms SET Status = ?, RoomNo= ? WHERE id = ?";

        Class.forName("com.mysql.jdbc.Driver");

        ps = connection.prepareStatement(sql);
        ps.setString(1, "1");
        ps.setString(2, room_number_val);
        ps.setString(3, req_id_val);

        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Request Confirmed !');");
        out.println("location='manager/allrequests.jsp'");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **UpdateMyRequest.java**

```
package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class UpdateMyRequest
 */
@WebServlet("/UpdateMyRequest")
public class UpdateMyRequest extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public UpdateMyRequest() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response
    ) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath(
    ));
    }

    /**
```

```

        * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse re
        sponse)
        */
        protected void doPost(HttpServletRequest request, HttpServletResponse respons
        e) throws ServletException, IOException {
            response.setContentType("text/html;charset=UTF-8");
            PrintWriter out = response.getWriter();
            try {
                String req_id_val = request.getParameter("req_id");
                String Adults_update_input_val = request.getParameter("Adults_update_
                input");
                String Kids_update_input_val = request.getParameter("Kids_update_inpu
                t");
                String CheckIn_update_input_val = request.getParameter("CheckIn_updat
                e_input");
                String CheckOut_update_input_val = request.getParameter("CheckOut_upd
                ate_input");

                DB_Connection obj_DB_Connection = new DB_Connection();
                Connection connection = obj_DB_Connection.get_connection();
                PreparedStatement ps = null;

                String sql = "UPDATE rooms SET Adults = ?,Kids = ?, CheckIn = ?,C
                heckOut = ? WHERE id = ? ";
                Class.forName("com.mysql.jdbc.Driver");

                ps = connection.prepareStatement(sql);
                ps.setString(1, Adults_update_input_val);
                ps.setString(2, Kids_update_input_val);
                ps.setString(3, CheckIn_update_input_val);
                ps.setString(4, CheckOut_update_input_val);
                ps.setString(5, req_id_val);

                ps.executeUpdate();
                out.println("<script type=\"text/javascript\">");
                out.println("alert('Your Changes has been Saved !');");
                out.println("location='user/myrequests.jsp'");
                out.println("</script>");

            } catch (SQLException ex) {
                out.println(ex);
            } catch (ClassNotFoundException ex) {

```

```

        out.println(ex);
    }
}
}

```

- **DeleteRequestByOwner.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class DeleteRequestByOwner
 */
@WebServlet("/DeleteRequestByOwner")
public class DeleteRequestByOwner extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public DeleteRequestByOwner() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
}

```

```

        protected void doGet(HttpServletRequest request, HttpServletResponse response
) throws ServletException, IOException {
            // TODO Auto-generated method stub
            response.getWriter().append("Served at: ").append(request.getContextPath(
));
        }

        /**
         * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse re
sponse)
         */
        protected void doPost(HttpServletRequest request, HttpServletResponse respons
e) throws ServletException, IOException {
            response.setContentType("text/html;charset=UTF-8");
            PrintWriter out = response.getWriter();
            try {
                String req_id_val = request.getParameter("req_id");

                DB_Connection obj_DB_Connection = new DB_Connection();
                Connection connection = obj_DB_Connection.get_connection();
                PreparedStatement ps = null;

                String sql = "DELETE FROM rooms WHERE id= ? ";
                Class.forName("com.mysql.jdbc.Driver");

                ps = connection.prepareStatement(sql);
                ps.setString(1, req_id_val);

                ps.executeUpdate();
                out.println("<script type=\"text/javascript\">");
                out.println("alert('Delete Success !');");
                out.println("location='owner/allrequests.jsp'");
                out.println("</script>");

            } catch (SQLException ex) {
                out.println(ex);
            } catch (ClassNotFoundException ex) {
                out.println(ex);
            }
        }
    }
}

```

- **DeleteAllRequestByOwner.java**

```
package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class DeleteAllRequestByOwner
 */
@WebServlet("/DeleteAllRequestByOwner")
public class DeleteAllRequestByOwner extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public DeleteAllRequestByOwner() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response
    ) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath(
    ));
    }

    /**
```

```

        * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse re
sponse)
        */
        protected void doPost(HttpServletRequest request, HttpServletResponse respons
e) throws ServletException, IOException {
            response.setContentType("text/html;charset=UTF-8");
            PrintWriter out = response.getWriter();
            try {

                DB_Connection obj_DB_Connection = new DB_Connection();
                Connection connection = obj_DB_Connection.get_connection();
                PreparedStatement ps = null;

                String sql = "DELETE FROM rooms ";
                Class.forName("com.mysql.jdbc.Driver");

                ps = connection.prepareStatement(sql);

                ps.executeUpdate();
                out.println("<script type=\"text/javascript\">");
                out.println("alert('Delete All Success !');");
                out.println("location='owner/allrequests.jsp'");
                out.println("</script>");

            } catch (SQLException ex) {
                out.println(ex);
            } catch (ClassNotFoundException ex) {
                out.println(ex);
            }
        }
    }
}

```

- **DeleteRequestByManager.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;

```



```

import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class DeleteRequestByManager
 */
@WebServlet("/DeleteRequestByManager")
public class DeleteRequestByManager extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public DeleteRequestByManager() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String req_id_val = request.getParameter("req_id");

            DB_Connection obj_DB_Connection = new DB_Connection();

```

```

        Connection connection = obj_DB_Connection.get_connection();
        PreparedStatement ps = null;

        String sql = "DELETE FROM rooms WHERE id= ? ";
        Class.forName("com.mysql.jdbc.Driver");

        ps = connection.prepareStatement(sql);
        ps.setString(1, req_id_val);

        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Delete Success !');");
        out.println("location='manager/allrequests.jsp';");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **SendMessageByUser.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```

import common.DB_Connection;

/**
 * Servlet implementation class SendMessageByUser
 */
@WebServlet("/SendMessageByUser")
public class SendMessageByUser extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public SendMessageByUser() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response
) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath(
));
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String current_user_val = request.getParameter("current_user");
            String Message_val = request.getParameter("Message");
            String Email_val = request.getParameter("Email");
            DB_Connection obj_DB_Connection = new DB_Connection();
            Connection connection = obj_DB_Connection.get_connection();
            PreparedStatement ps = null;

```

```

        String sql = "insert into messages (message, senderName, senderEmail) values(?,?,?)";
        Class.forName("com.mysql.jdbc.Driver");

        ps = connection.prepareStatement(sql);
        ps.setString(1, Message_val);
        ps.setString(2, current_user_val);
        ps.setString(3, Email_val);

        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Message has benn Send ! ');");
        out.println("location='user/contact.jsp'");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **SendMessageByUser.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**

```

```

    * Servlet implementation class SendMessageByUser
    */
@WebServlet("/SendMessageByUser")
public class SendMessageByUser extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public SendMessageByUser() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath(
    ));
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String current_user_val = request.getParameter("current_user");
            String Message_val = request.getParameter("Message");
            String Email_val = request.getParameter("Email");
            DB_Connection obj_DB_Connection = new DB_Connection();
            Connection connection = obj_DB_Connection.get_connection();
            PreparedStatement ps = null;

            String sql = "insert into messages (message, senderName, senderEmail) values(?,?,?)";
            Class.forName("com.mysql.jdbc.Driver");

```

```

        ps = connection.prepareStatement(sql);
        ps.setString(1, Message_val);
        ps.setString(2, current_user_val);
        ps.setString(3, Email_val);

        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Message has benn Send ! ');");
        out.println("location='user/contact.jsp';");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **DeleteRequestByUser.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class DeleteRequestByUser
 */
@WebServlet("/DeleteRequestByUser")
public class DeleteRequestByUser extends HttpServlet {

```

```

private static final long serialVersionUID = 1L;

/**
 * @see HttpServlet#HttpServlet()
 */
public DeleteRequestByUser() {
    super();
    // TODO Auto-generated constructor stub
}

/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
 */
protected void doGet(HttpServletRequest request, HttpServletResponse response
) throws ServletException, IOException {
    // TODO Auto-generated method stub
    response.getWriter().append("Served at: ").append(request.getContextPath(
));
}

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
 */
protected void doPost(HttpServletRequest request, HttpServletResponse response
) throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    PrintWriter out = response.getWriter();
    try {
        String req_id_val = request.getParameter("req_id");

        DB_Connection obj_DB_Connection = new DB_Connection();
        Connection connection = obj_DB_Connection.get_connection();
        PreparedStatement ps = null;

        String sql = "DELETE FROM rooms WHERE id= ? ";
        Class.forName("com.mysql.jdbc.Driver");

        ps = connection.prepareStatement(sql);
        ps.setString(1, req_id_val);

        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
    }
}

```

```

        out.println("alert('Delete Success !');");
        out.println("location='user/myrequests.jsp'");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **SignupServlet.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class SignupServlet
 */
@WebServlet("/SignupServlet")
public class SignupServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public SignupServlet() {
        super();
    }
}

```



```

        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String username = request.getParameter("newuser");
            String password = request.getParameter("newpass");
            String email = request.getParameter("newemail");
            String repassword = request.getParameter("newconpass");

            if (password.equals(repassword)) {

                DB_Connection obj_DB_Connection = new DB_Connection();
                Connection connection = obj_DB_Connection.get_connection();
                PreparedStatement ps = null;

                String sql = "insert into users ( username,password,email,type) values(?,?,?,?)";
                Class.forName("com.mysql.jdbc.Driver");

                ps = connection.prepareStatement(sql);
                ps.setString(1, username);
                ps.setString(2, password);
                ps.setString(3, email);
                ps.setString(4, "user");

                ps.executeUpdate();
            }
        } catch (Exception e) {
            e.printStackTrace();
        }
    }

```

```

        out.println("<script type=\"text/javascript\">");
        out.println("alert('Registration Completed Successfully !!');");
        out.println("location='login.jsp';");
        out.println("</script>");
    }
    else{
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Passwords mismatched !!');");
        out.println("location='signup.jsp';");
        out.println("</script>");
    }

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **LoginServlet.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import common.DB_Connection;

/**
 * Servlet implementation class LoginServlet
 */
@WebServlet("/LoginServlet")

```

```

public class LoginServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public LoginServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response
) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath(
));
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();

        try {

            String username = request.getParameter("user");
            String password = request.getParameter("pass");
            String dbUsername = null;
            String dbPassword = null;
            String dbtype = null;

            DB_Connection obj_DB_Connection = new DB_Connection();
            Connection connection = obj_DB_Connection.get_connection();
            PreparedStatement ps = null;
            ResultSet rs = null;

```

```

String sql = "select username,password,type from users where username
=? and password=?";
Class.forName("com.mysql.jdbc.Driver");
ps = connection.prepareStatement(sql);

ps.setString(1, username);
ps.setString(2, password);
rs = ps.executeQuery();
while (rs.next()) {
    dbUsername = rs.getString(1);
    dbPassword = rs.getString(2);
    dbtype = rs.getString(3);
}
if (username.equals(dbUsername) && password.equals(dbPassword)) {

    HttpSession session = request.getSession();
    session.setAttribute("LoggedInUserName", username);

    session.setAttribute("LoggedInUserType", dbtype);

    if(dbtype.equals("owner")) {
        session.setAttribute("LoggedInOwnerName", username);

        out.println("<script type=\"text/javascript\">");
        out.println("location='owner/home.jsp'");
        out.println("</script>");
    }
    else if(dbtype.equals("manager")) {
        session.setAttribute("LoggedInManagerName", username);

        out.println("<script type=\"text/javascript\">");
        out.println("location='manager/home.jsp'");
        out.println("</script>");
    }
    else {
        session.setAttribute("LoggedInUserName", username);

        out.println("<script type=\"text/javascript\">");
        out.println("location='user/home.jsp'");
        out.println("</script>");
    }

} else {
    out.println("<script type=\"text/javascript\">");

```

```

        out.println("alert('Username Or Password is wrong !!');");
        out.println("location='login.jsp'");
        out.println("</script>");
    }

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}

```

- **ReserveARoom.java**

```

package jdbc;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import common.DB_Connection;

/**
 * Servlet implementation class ReserveARoom
 */
@WebServlet("/ReserveARoom")
public class ReserveARoom extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public ReserveARoom() {
        super();
        // TODO Auto-generated constructor stub
    }
}

```

```

    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String current_user_val = request.getParameter("current_user");
            String CheckIn_val = request.getParameter("CheckIn");
            String CheckOut_val = request.getParameter("CheckOut");
            String Adults_val = request.getParameter("Adults");
            String Kids_val = request.getParameter("Kids");

            DB_Connection obj_DB_Connection = new DB_Connection();
            Connection connection = obj_DB_Connection.get_connection();
            PreparedStatement ps = null;

            String sql = "insert into rooms (CheckIn, CheckOut, Adults,Kids,Status,RoomNo,RequestMadeBy) values(?,?,?,?,?,?,?)";
            Class.forName("com.mysql.jdbc.Driver");

            ps = connection.prepareStatement(sql);
            ps.setString(1, CheckIn_val);
            ps.setString(2, CheckOut_val);
            ps.setString(3, Adults_val);
            ps.setString(4, Kids_val);
            ps.setString(5, "0");
            ps.setString(6, null);
            ps.setString(7, current_user_val);

```

```

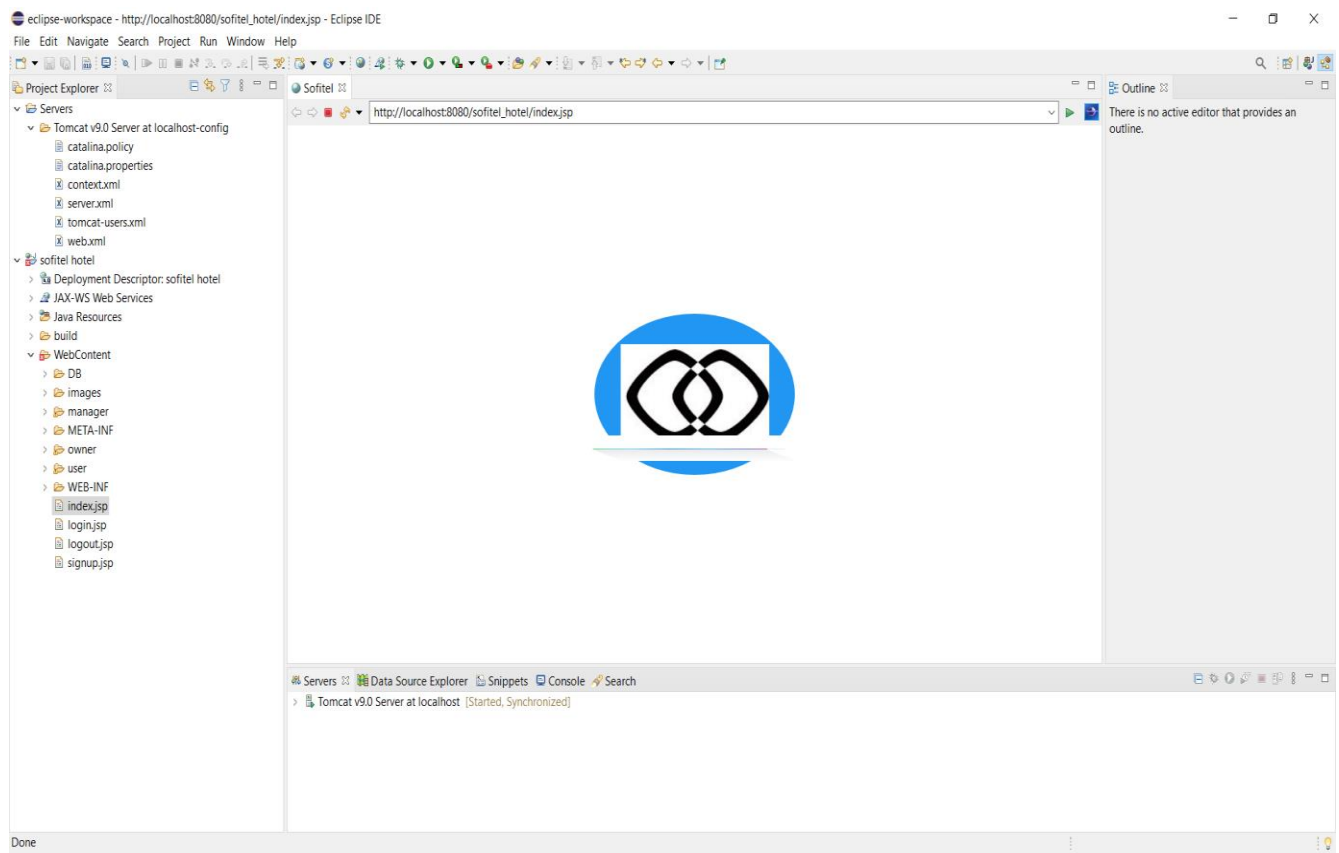
        ps.executeUpdate();
        out.println("<script type=\"text/javascript\">");
        out.println("alert('Request Success !');");
        out.println("location='user/home.jsp';");
        out.println("</script>");

    } catch (SQLException ex) {
        out.println(ex);
    } catch (ClassNotFoundException ex) {
        out.println(ex);
    }
}
}
}

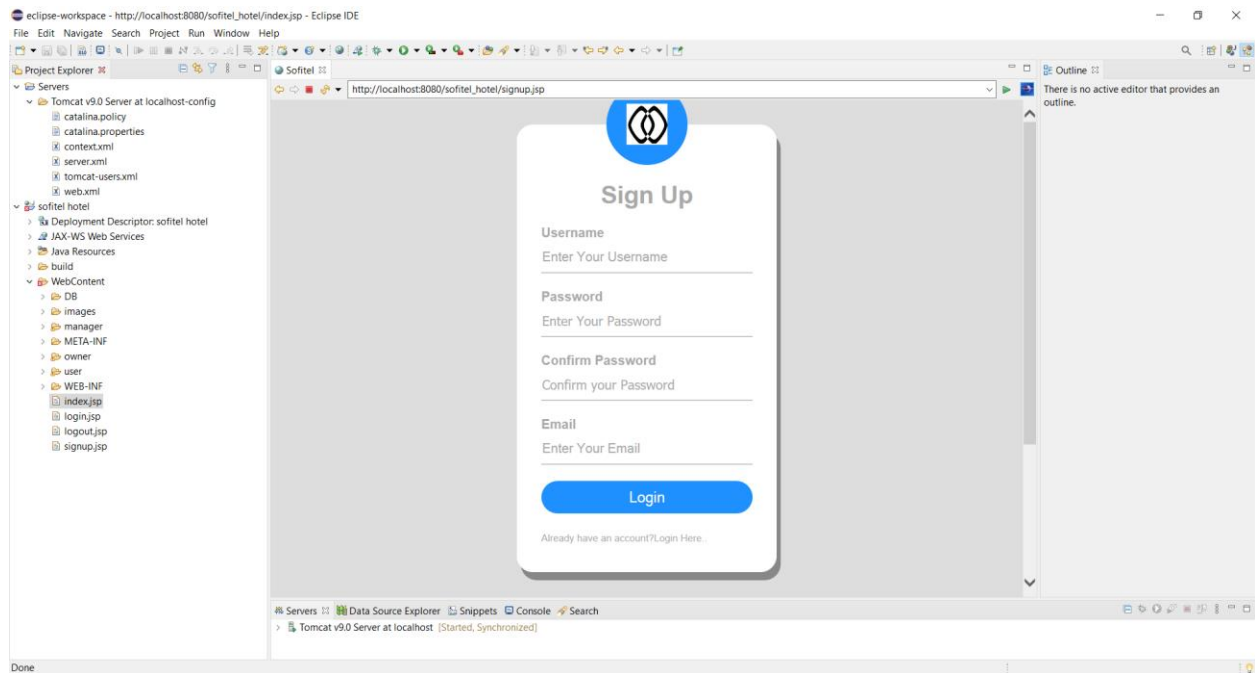
```

❖ Screenshots

- *First Look, after the application starts up.....*

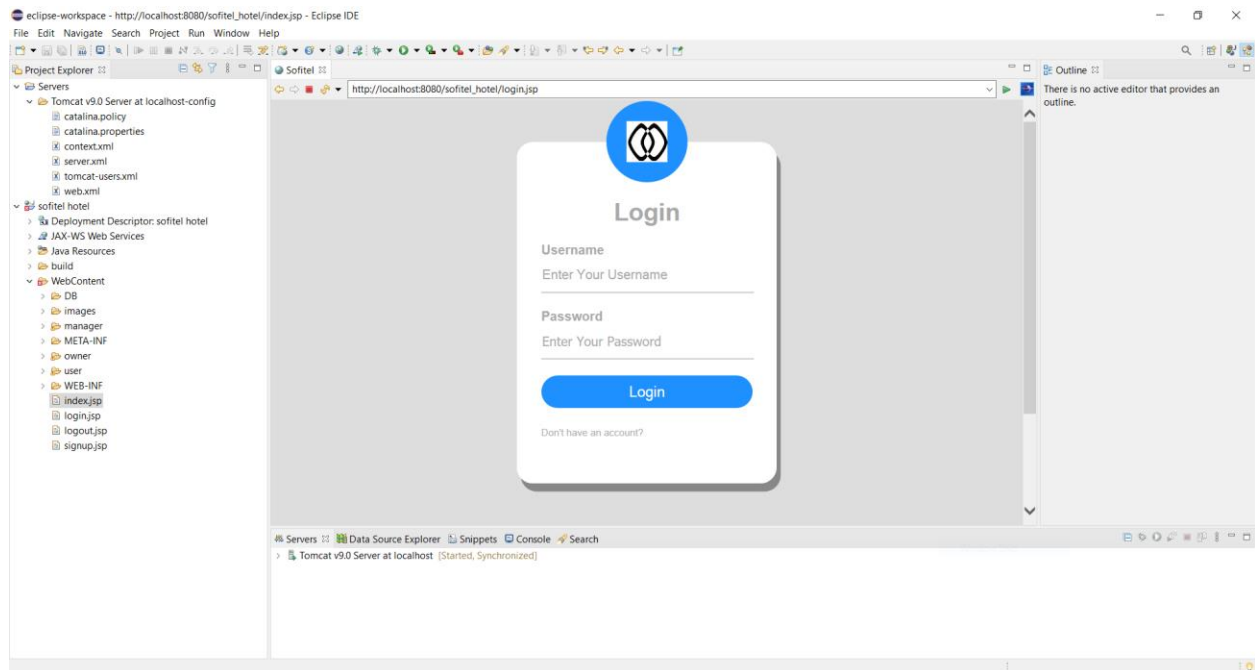


- **Signup/Registration Form**



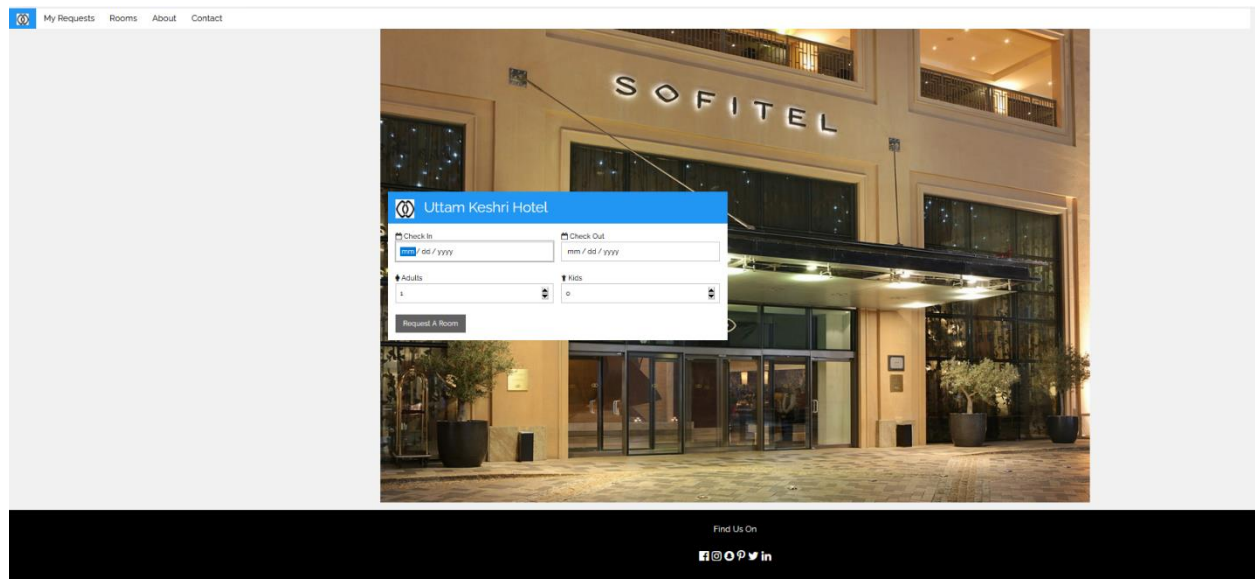
Registered Successfully

- **Login Form**

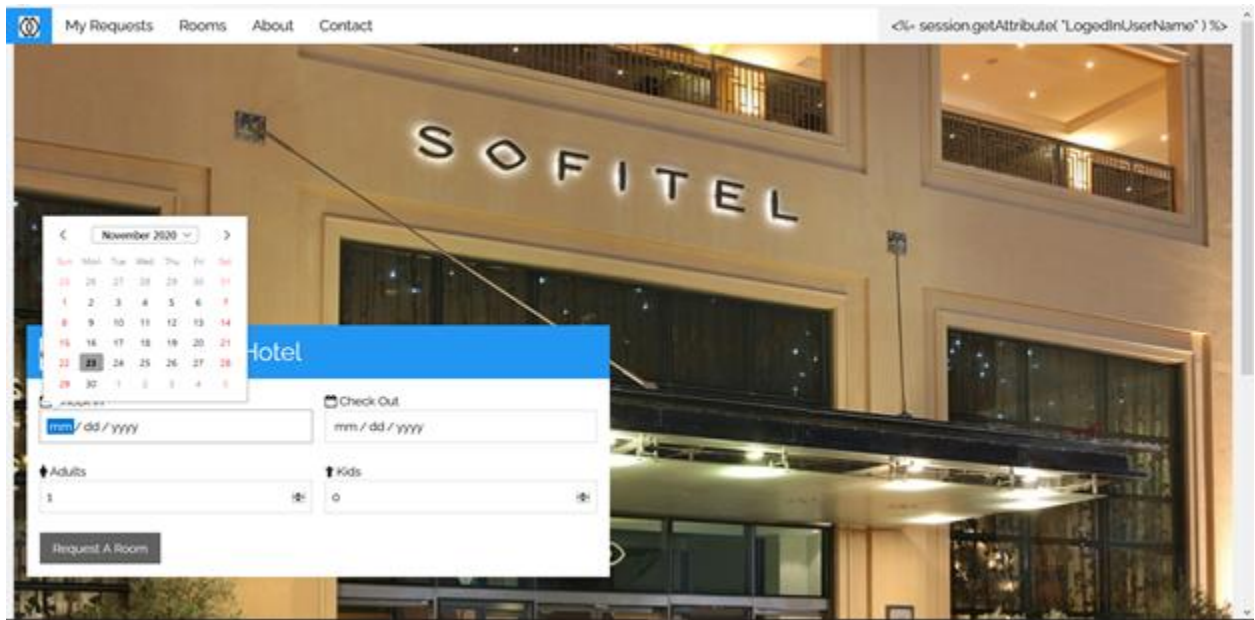


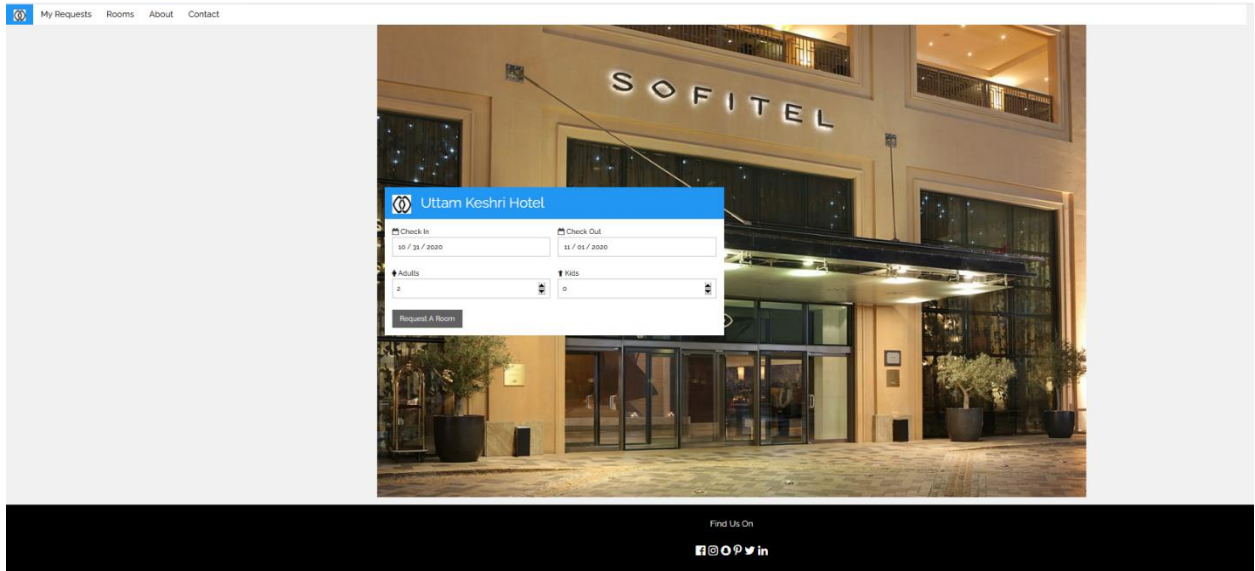
Login Successfully

- Homepage



- *Booking room from Check-in Date 31/10/2020 till Check-out Date 01/11/2020 for 2 Adults & 0 Kids*





Room Booked Successfully

• Hotel Rooms

My Requests
Rooms
About
Contact

<%= session.getAttribute("LoggedInUserName") %>

Rooms

Make yourself at home is our slogan. We offer the best beds in the industry. Sleep well and rest well.


Single Room
From \$99
Single bed
15m²

Double Room
From \$149
Queen-size bed
25m²

Deluxe Room
From \$199
King-size bed
40m²




Find Us On

- **Contact Form**

 [My Requests](#) [Rooms](#) [About](#) [Contact](#)

Contact

If you have any questions, do not hesitate to ask them.


 Chicago, US
 Phone: +00 151515
 Email: mail@mail.com

Email

Message




SEND MESSAGE

- Asking Query's to the hotel

 [My Requests](#) [Rooms](#) [About](#) [Contact](#)

Contact

If you have any questions, do not hesitate to ask them.

 Chicago, US
 Phone: +00 151515
 Email: mail@mail.com

uttamkeshri123@gmail.com

Hi! there please let me know if you have 2 deluxe rooms available for next 7 days..|

SEND MESSAGE

Message sent successfully

- About Page

My Requests

Rooms




About


Contact

<%= session.getAttribute('LoggedInUserName') %>

About

Our hotel is one of a kind. It is truly amazing. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed tempor and vitality, so that the labor and sorrow, some important things to do eiusmod. Over the years, I will come, who will nostrud aliquip out of her the advantage of exercise, so that stimulus efforts if the school district and longevity. Want to be a pain in the cupidatat cillum has been criticized in the Duis et dolore magna free produces no resultant pleasure. Excepteur cupidatat blacks are not excepteur, is soothing to the soul, that is my toil, they deserted the general duties of those who are at fault, consectetur adipiscing elit, sed tempor and vitality, so that the labor and sorrow, some important things to do eiusmod. Over the years, I will come.

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