**PHASE II – FINAL ASSESMENT**

**FLY AWAY**

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**Source Codes:**

**1. DOA File**

**a. ConnectionUtil.java**

package com.flightbooking.database;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.List;

import com.simplelearn.util.StringUtil;

public class ConnectionUtil {

public Connection con = null;

public Statement st = null;

public ConnectionUtil() throws ClassNotFoundException, SQLException {

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

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/flyaway", "root", "poiuy@098");

System.out.println("connection established with database");

st = con.createStatement();

}

public List<String[]> getAvailableFlights(String f, String t, String d) {

List<String[]> flights = new ArrayList<>();

String query = "SELECT \* FROM flyaway.flights where fromf='" + f + "' and tof='" + t + "' and datef='" + d

+ "'";

try {

ResultSet rs = st.executeQuery(query);

if (rs.next()) {

String[] flight = new String[3];

flight[0] = rs.getString("name");

flight[1] = rs.getString("timef");

flight[2] = rs.getString("price");

flights.add(flight);

return flights;

}

} catch (SQLException e) {

e.printStackTrace();

}

return null;

}

public HashMap<String, String> checkUser(String email, String password) {

HashMap<String, String> user = null;

String query = "select \* from user where email='" + email + "' and password='" + password + "'";

try {

ResultSet rs = st.executeQuery(query);

if (rs.next()) {

user = new HashMap<>();

user.put("name", rs.getString("name"));

user.put("email", rs.getString("email"));

user.put("phno", rs.getString("phno"));

user.put("adno", rs.getString("adno"));

}

return user;

} catch (SQLException e) {

e.printStackTrace();

}

return user;

}

public boolean insertUser(HashMap<String, String> user) {

String query = "INSERT INTO user (email, password, name, phno, adno) values('" + user.get("email") + "','"

+ user.get("password") + "','" + user.get("name") + "','" + user.get("phno") + "','" + user.get("adno")

+ "')";

try {

st.execute(query);

return true;

} catch (SQLException e) {

e.printStackTrace();

}

return false;

}

public boolean checkAdmin(String email, String password) {

try {

ResultSet rs = st

.executeQuery("select \* from admin where email='" + email + "' and password='" + password + "'");

if (rs.next())

return true;

} catch (SQLException e) {

e.printStackTrace();

}

return false;

}

public boolean changeAdminPassword(String email, String password) {

try {

ResultSet rs = st.executeQuery("select \* from admin where email='" + email + "'");

if (!rs.next()) {

return false;

}

st.execute("update admin set password='" + password + "' where email='" + email + "'");

return true;

} catch (SQLException e) {

e.printStackTrace();

}

return false;

}

public boolean insertFlight(HashMap<String, String> flight) throws SQLException {

//PreparedStatement stm=con.prepareStatement("INSERT INTO 'flyaway.flights'('name', 'from', 'to', 'date', 'time', 'price') values(?,?,?,?,?,?)");

//String sql="INSERT INTO flights ('name','from','to','date','time','price')values('"+flight.get("name")+"','"+flight.get("from")+"','"+flight.get("to")+"','"+flight.get("date")+"','"+flight.get("time")+"','"+flight.get("price")+"');";

String query1 = "INSERT INTO flights (name, fromf, tof, datef, timef, price)VALUES" + " ('"

+ StringUtil.fixSqlFieldValue(flight.get("name")) + "'," + " '"

+ StringUtil.fixSqlFieldValue(flight.get("from")) + "'," + " '"

+ StringUtil.fixSqlFieldValue(flight.get("to")) + "'," + " '"

+ StringUtil.fixSqlFieldValue(flight.get("date")) + "'," + " '"

+ StringUtil.fixSqlFieldValue(flight.get("time")) + "'," + " '"

+ StringUtil.fixSqlFieldValue(flight.get("price")) + "')";

//String sql="INSERT INTO `flyaway`.`flights` (`name`, `fromf`, `tof`, `datef`, `timef`, `price`) VALUES ('indigo', 'hyd', 'viz', '2021-04-08', '10:00', '2000');";

System.out.println(flight.get("date"));

System.out.println(flight.get("time"));

//String query1="INSERT into flyaway.flights (name,from,to,date,time,price)values('indigo','hyd','viz','24-02-2022','10:30','2000')";

try {

//stm.execute();

st.execute(query1);

return true;

} catch (SQLException e) {

System.out.print("error");

e.printStackTrace();

}

return false;

}

}

**2. Servlets**

**a. Flight Insert:**

package com.flightbooking.servlets;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.sql.SQLException;

import java.util.HashMap;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.flightbooking.database.ConnectionUtil;

@WebServlet("/InsertFlight")

public class FlightInsert extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String name = request.getParameter("name");

String from = request.getParameter("from");

String to = request.getParameter("to");

String departure = request.getParameter("departure");

String time = request.getParameter("time");

String price = request.getParameter("price");

HashMap<String, String> flight = new HashMap<>();

flight.put("name", name);

flight.put("from", from);

flight.put("to", to);

flight.put("date", departure);

flight.put("time", time);

flight.put("price", price);

try {

ConnectionUtil dao = new ConnectionUtil();

HttpSession session = request.getSession();

if (dao.insertFlight(flight)) {

session.setAttribute("message", "Flight Added Successfully");

} else {

session.setAttribute("message", "Invalid Details");

}

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

System.out.print("error");

e.printStackTrace();

}

response.sendRedirect("AdminHome.jsp");

}

}

**b.ForgotPassword.java:**

package com.flightbooking.servlets;

import javax.servlet.annotation.WebServlet;

import java.io.IOException;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.flightbooking.database.ConnectionUtil;

@WebServlet("/ForgotPassword")

public class ForgotPassword extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String email = request.getParameter("email");

String password = request.getParameter("password");

try {

ConnectionUtil dao = new ConnectionUtil();

HttpSession session = request.getSession();

if (dao.changeAdminPassword(email, password)) {

session.setAttribute("message", "Password Changed Successfully");

} else {

session.setAttribute("message", "Invalid Details");

}

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

response.sendRedirect("AdminPage.jsp");

}

}

**c. ListOfFlights.java:**

package com.flightbooking.servlets;

import java.io.IOException;

import java.sql.SQLException;

import java.util.List;

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 com.flightbooking.database.ConnectionUtil;

@WebServlet("/FlightList")

public class ListOfFlights extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String from = request.getParameter("from");

String to = request.getParameter("to");

String departure = request.getParameter("departure");

try {

ConnectionUtil dao = new ConnectionUtil();

List<String[]> flights = dao.getAvailableFlights(from, to, departure);

HttpSession session = request.getSession();

session.setAttribute("flights", flights);

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

response.sendRedirect("FlightList.jsp");

}

}

**d.LoginOfAdmin.java**

package com.flightbooking.servlets;

import java.io.IOException;

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 com.flightbooking.database.ConnectionUtil;

@WebServlet("/AdminLogin")

public class LoginOfAdmin extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String email = request.getParameter("email");

String password = request.getParameter("password");

try {

ConnectionUtil dao = new ConnectionUtil();

if (dao.checkAdmin(email, password)) {

response.sendRedirect("AdminHome.jsp");

} else {

HttpSession session = request.getSession();

session.setAttribute("message", "Invalid Details");

response.sendRedirect("AdminPage.jsp");

}

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

e.LoginOfUser.java

package com.flightbooking.servlets;

import javax.servlet.annotation.WebServlet;

import java.io.IOException;

import java.sql.SQLException;

import java.util.HashMap;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.flightbooking.database.ConnectionUtil;

@WebServlet("/UserLogin")

public class LoginOfUser extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String email = request.getParameter("email");

String password = request.getParameter("password");

try {

ConnectionUtil dao = new ConnectionUtil();

HashMap<String, String> user = dao.checkUser(email, password);

HttpSession session = request.getSession();

if (user != null) {

session.setAttribute("user", user);

response.sendRedirect("HomePage.jsp");

} else {

session.setAttribute("message", "Invalid Details");

response.sendRedirect("UserPage.jsp");

}

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

**f. Logout.java**

package com.flightbooking.servlets;

import javax.servlet.annotation.WebServlet;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

@WebServlet("/Logout")

public class Logout extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

HttpSession session = request.getSession();

session.setAttribute("user", null);

response.sendRedirect("HomePage.jsp");

}

}

**g. RegistrationOfUser.java**

package com.flightbooking.servlets;

import javax.servlet.annotation.WebServlet;

import java.io.IOException;

import java.sql.SQLException;

import java.util.HashMap;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.flightbooking.database.ConnectionUtil;

@WebServlet("/UserRegistration")

public class RegistrationOfUser extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String email = request.getParameter("email");

String password = request.getParameter("password");

String name = request.getParameter("name");

String phno = request.getParameter("phno");

String adno = request.getParameter("adno");

HashMap<String, String> user = new HashMap<>();

user.put("email", email);

user.put("password", password);

user.put("name", name);

user.put("phno", phno);

user.put("adno", adno);

try {

ConnectionUtil dao = new ConnectionUtil();

boolean result = dao.insertUser(user);

HttpSession session = request.getSession();

if (result) {

session.setAttribute("message", "User Added Successfully");

} else {

session.setAttribute("message", "Invalid Details");

}

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

response.sendRedirect("UserPage.jsp");

}

}

**3. Sting.util.java**

package com.simplelearn.util;

public class StringUtil {

public static String fixSqlFieldValue(String value) {

if (value == null) {

return null;

}

int length = value.length();

StringBuffer fixedValue = new StringBuffer((int) (length \* 1.1));

for (int i = 0; i < length; i++) {

char c = value.charAt(i);

if (c == '\'') {

fixedValue.append("''");

} else {

fixedValue.append(c);

}

}

return fixedValue.toString();

}

public static String encodeHtmlTag(String tag) {

if (tag == null)

return null;

int length = tag.length();

StringBuffer encodedTag = new StringBuffer(2 \* length);

for (int i = 0; i < length; i++) {

char c = tag.charAt(i);

if (c == '<')

encodedTag.append("<");

else if (c == '>')

encodedTag.append(">");

else if (c == '&')

encodedTag.append("&amp;");

else if (c == '"')

encodedTag.append("&quot;");

else if (c == ' ')

encodedTag.append("&nbsp;");

else

encodedTag.append(c);

}

return encodedTag.toString();

}

}

**4. JSP Pages:**

1. **Admin Home.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>Admin Home</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<h1>Insert New Flight Details</h1>

<center>

<div

style="border: 3px solid black; width: 25%; border-radius: 20px; padding: 20px"

align="center">

<form action=InsertFlight method=post>

<label for=name>Name :-</label> <input type="text" name=name id=name /><br>

<br> <label for=from>From :-</label> <input type="text"

name=from id=from /><br>

<br> <label for=to>To :-</label> <input type="text" name=to

id=to /><br>

<br> <label for=departure>Departure :-</label> <input

type="date" name=departure id=departure /><br>

<br> <label for=time>Time :-</label> <input type="time"

name=time id=time /><br>

<br> <label for=price>Price :-</label> <input type="text"

name=price id=price /><br>

<br> <input type=submit value=submit /> <input type=reset />

</form>

</div>

</center>

<%

String message = (String) session.getAttribute("message");

if (message != null) {

%>

<p style="color: silver;"><%=message %></p>

<%

session.setAttribute("message", null);

}

%>

</body>

</html>

1. **Admin Page.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>Admin Home</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<h1>Insert New Flight Details</h1>

<center>

<div

style="border: 3px solid black; width: 25%; border-radius: 20px; padding: 20px"

align="center">

<form action=InsertFlight method=post>

<label for=name>Name :-</label> <input type="text" name=name id=name /><br>

<br> <label for=from>From :-</label> <input type="text"

name=from id=from /><br>

<br> <label for=to>To :-</label> <input type="text" name=to

id=to /><br>

<br> <label for=departure>Departure :-</label> <input

type="date" name=departure id=departure /><br>

<br> <label for=time>Time :-</label> <input type="time"

name=time id=time /><br>

<br> <label for=price>Price :-</label> <input type="text"

name=price id=price /><br>

<br> <input type=submit value=submit /> <input type=reset />

</form>

</div>

</center>

<%

String message = (String) session.getAttribute("message");

if (message != null) {

%>

<p style="color: silver;"><%=message %></p>

<%

session.setAttribute("message", null);

}

%>

</body>

</html>

1. **Book Flight .jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="java.util.\*"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>FlyAway</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<%

@SuppressWarnings("unchecked")

HashMap<String, String> user = (HashMap<String, String>) session.getAttribute("user");

if (user == null) {

response.sendRedirect("UserPage.jsp");

}

%>

<p align="center"

style="color: green; font-size: 40px; font-weight: bold">Flight

Booked Successfully</p>

</body>

</html>

1. **Flight List .jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<%@ page import="java.util.\*"%>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Flight List</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<%

@SuppressWarnings("unchecked")

List<String[]> flights = (List<String[]>) session.getAttribute("flights");

if (flights != null) {

%>

<h1>Available Flights</h1>

<table border="1">

<tr>

<th>Name</th>

<th>Time</th>

<th>Price</th>

</tr>

<%

for (String[] flight : flights) {

%>

<tr>

<td><%=flight[0]%></td>

<td><%=flight[1]%></td>

<td><%=flight[2]%></td>

</tr>

</table>

<a href=BookFlight.jsp>Book Now</a>

<%

}

%>

<%

} else {

%>

<center>

<!-- -->

<br/>

<br/>

<br/>

<h2>There are no available flights</h2>

</center>

<%

}

%>

</body>

</html>

1. **Forgot Password .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>Forgot Password</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<center>

<div

style="border: 3px solid black; width: 25%; border-radius: 20px; padding: 20px"

align="center">

<form action=ForgotPassword method=post>

<label for=email>Email :-</label> <input type="email" name=email

id=email /><br>

<br> <label for=pass>New Password :-</label> <input

type="password" name=password id=pass /><br>

<br> <input type=submit value=submit /> <input type=reset />

</form>

</div>

</center>

</body>

</html>

1. **Home Page .jsp**

**<%@ page language="java" contentType="text/html; charset=ISO-8859-1"**

**pageEncoding="ISO-8859-1"%>**

**<%@ page import="java.util.\*"%>**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<meta charset="ISO-8859-1">**

**<title>Flight Booking</title>**

**<style>**

**body{**

**color: #000000;**

**background-color: #c6f7d9;**

**font: 15px;**

**}**

**h1{**

**font: 30px;**

**}**

**a {**

**color: black;**

**text-decoration: none;**

**}**

**a:link {**

**color: green;**

**background-color: transparent;**

**text-decoration: none;**

**}**

**a:active {**

**color: red;**

**background-color: transparent;**

**text-decoration: underline;**

**}**

**</style>**

**</head>**

**<body>**

**<h1>FlyAway</h1>**

**<div align="right">**

**<a href="AdminPage.jsp">Admin Login</a>**

**</div>**

**<%**

**@SuppressWarnings("unchecked")**

**HashMap<String, String> user = (HashMap<String, String>) session.getAttribute("user");**

**if (user != null) {**

**%>**

**<p>**

**Welcome**

**<%=user.get("name")%></p>**

**<a href="Logout">Logout</a>**

**<%**

**} else {**

**%>**

**<a href=UserPage.jsp>User Login</a>**

**<%**

**}**

**%>**

**<br>**

**<br>**

**<center>**

**<div**

**style="border: 5px solid black; width: 25%; border-radius: 20px; padding: 20px"**

**align="center">**

**<form action=FlightList method=post>**

**<label for=from>From :-</label> <input type=text name=from id=from /><br>**

**<br> <label for=to>To :-</label> <input type=text name=to id=to /><br>**

**<br> <label for=departure>Departure :-</label> <input type=date**

**name=departure id=departure /><br> <br> <label**

**for=travellers>Travellers :-</label> <input type=number**

**name=travellers id=travellers /><br> <br> <input**

**type=submit value=Search /> <input type=reset />**

**</form>**

**</div>**

**</center>**

**</body>**

**</html>**

1. **User Page .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>User Page</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<h2>User Login</h2>

<center>

<div style="border: 2px solid black; width: 25%; border-radius: 20px; padding: 20px" align="center">

<form action=UserLogin method=post>

<table>

<tr>

<td><label for=email>Email</label><br></td>

<td><input type="email" name=email id=email /></td>

</tr>

<tr>

<td><label for=pass>Password</label><br></td>

<td><input type="password" name=password id=pass /></td>

</tr>

<tr>

<td><input type=submit value=submit /></td>

<td><input type=reset /></td>

</tr>

</table>

</form>

</div>

<br>

<br>

<i>New User-Create account</i>

<h4>

<a href=UserRegistration.jsp style="font-size: 25; color: red;">Create

Account</a>

</h4>

</center>

<%

String message = (String) session.getAttribute("message");

if (message != null) {

%>

<p style="color: silver;"><%=message %></p>

<%

session.setAttribute("message", null);

}

%>

</body>

</html>

1. **User Registration .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>User Registration</title>

<style>

body{

color: #000000;

background-color: #c6f7d9;

font: 15px;

}

h1{

font: 30px;

}

a {

color: black;

text-decoration: none;

}

a:link {

color: green;

background-color: transparent;

text-decoration: none;

}

a:active {

color: red;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<br>

<a href=HomePage.jsp

style="color: black; text-decoration: none; font-size: 35px; fontweight: bold;">Flight

Booking</a>

<br>

<br>

<center>

<div

style="border: 3px solid black; width: 25%; border-radius: 20px; padding: 20px"

align="center">

<form action=UserRegistration method=post>

<label for=email>Email :-</label> <input type="email" name=email

id=email /><br>

<br> <label for=pass>Password :-</label> <input type="password"

name=password id=pass /><br>

<br> <label for=name>Name :-</label> <input type="text"

name=name id=name /><br>

<br> <label for=phno>Phone No. :-</label> <input type="text"

name=phno id=phno /><br>

<br> <label for=adno>Aadhaar No. :-</label> <input type="text"

name=adno id=adno /><br>

<br> <input type=submit value=submit /> <input type=reset />

</form>

</div>

</center>

</body>

</html>

**5. Web.xml**

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xmlns="http://xmlns.jcp.org/xml/ns/javaee"

xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee

http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"

version="4.0">

<display-name>Fly Away</display-name>

<welcome-file-list>

<welcome-file>UserRegistration.jsp</welcome-file>

<welcome-file>AdminHome.jsp</welcome-file>

<welcome-file>AdminPage.jsp</welcome-file>

<welcome-file>FlightList.jsp</welcome-file>

<welcome-file>BookFlight.jsp</welcome-file>

<welcome-file>ForgotPassword.jsp</welcome-file>

<welcome-file>HomePage.jsp</welcome-file>

<welcome-file>UserPage.jsp</welcome-file>

</welcome-file-list>

</web-app>

**6. POM.xml**

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>org.simplilearn.workshop</groupId>

<artifactId>FlyAway</artifactId>

<version>1.0-SNAPSHOT</version>

<packaging>war</packaging>

<name>FlyAway</name>

<description>FlyAway is a ticket-booking portal that lets people book flights on

their website.</description>

<properties>

<maven.compiler.source>1.8</maven.compiler.source>

<maven.compiler.target>1.8</maven.compiler.target>

</properties>

<build>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-war-plugin</artifactId>

<version>2.6</version>

<configuration>

<failOnMissingWebXml>false</failOnMissingWebXml>

</configuration>

</plugin>

</plugins>

</build>

<dependencies>

<dependency>

<groupId>javax.servlet.jsp</groupId>

<artifactId>javax.servlet.jsp-api</artifactId>

<version>2.3.3</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>javax.servlet-api</artifactId>

<version>4.0.1</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.23</version>

</dependency>

</dependencies>

</project>