

FLYAWAY (AN AIRLINE BOOKING PORTAL) SOURCE CODE

Package = com.database

Dao.java

```
package com.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 org.simplelearn.workshop.util.StringUtil;
```

```
public class Dao {  
    public Connection con=null;  
    public Statement st=null;  
  
    public Dao() throws ClassNotFoundException, SQLException{  
        Class.forName("com.mysql.cj.jdbc.Driver");  
  
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/flyaway","root","mysql@  
28200");  
        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("phn
o")+"','"+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;
}
}

```

Package = com.servlets

AdminLogin.java

```

package com.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.database.Dao;

@WebServlet("/AdminLogin")
public class AdminLogin 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 {
            Dao dao=new Dao();

            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();
        }

    }

}

```

FlightList.java

```
package com.servlets;
```

```
import java.io.IOException;
```

```
import java.sql.SQLException;
```

```
import java.util.List;
```

```
import javax.servlet.RequestDispatcher;
```

```
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.database.Dao;
```

```
@WebServlet("/FlightList")
```

```
public class FlightList 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 {
    Dao dao = new Dao();
    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");
}

protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
    response.sendRedirect("FinalTicket.jsp");

}
}

```

ForgotPassword.java

```

package com.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.database.Dao;
@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 {
            Dao dao=new Dao();
            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");

    }

}

```

InsertFlight.java

```

package com.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.database.Dao;
```

```
@WebServlet("/InsertFlight")
public class InsertFlight 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 {
            Dao dao=new Dao();
            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");
}
}

```

Logout.java

```

package com.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");
    }
}

```

UserLogin.java

```

package com.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.database.Dao;
@WebServlet("/UserLogin")
public class UserLogin 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 {
            Dao dao=new Dao();
            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();
        }
    }
}

```

```
}
```

UserRegistration.java

```
package com.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.database.Dao;

@WebServlet("/UserRegistration")
public class UserRegistration 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 {
            Dao dao=new Dao();
            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");
}

}

```

Package = org.simplelearn.workshop.util:

StringUtil.java

package org.simplelearn.workshop.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();
}

```

```
}
```

AdminHome.jsp

```
package org.simplelearn.workshop.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("&");
        else if(c=='"')
            encodedTag.append(""");
        else if(c==' ')
            encodedTag.append(" ");
        else

```



```

        encodedTag.append(c);
    }
    return encodedTag.toString();
}
}

```

AdminPage.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 Page</title>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none;font-size:35px;font-
weight:bold;">FlyAway</a>
<br><br>
<center>
<h2>Admin Login</h2>
<div style="border:3px solid black,width:25%;border-radius:20px;padding:20px"
align="center">
<form action=AdminLogin 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>
<input type=submit value=submit /> <input type=reset />
</form>
</div>
</center><br>
<a href=ForgotPassword.jsp style="font-size:25;color:red;">Forgot Password</a>

```

```

<%
    String message=(String)session.getAttribute("message");
    if(message!=null){
%>
<p style="color:silver;"><%=message %></p>
<%
        session.setAttribute("message", null);
    }
%>
</body>
</html>

```

BookFlight.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>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:neon;text-decoration:none ;font-size:35px;font-
weight:bold;">Welcome to FlyAway</a>
<br><br>

<%
    @SuppressWarnings("unchecked")
    HashMap<String,String>
user=(HashMap<String,String>)session.getAttribute("user");
    if(user==null){
        response.sendRedirect("UserPage.jsp");
    }
%>

<a href="Payment.jsp"><button>Proceed to Pay</a></button>
<!--<p align="center" style="color:green;font-size:40px;font-weight:bold">Flight Booked
Successfully</p> -->
</body>
</html>

```

FinalTicket.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"

```

```

    pageEncoding="UTF-8"%>
    <%@page import="java.util.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Booking Done with FlyAway !!</title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<a href=HomePage.jsp style="color:neon;text-decoration:none;font-size:35px;font-
weight:bold;">Welcome to FlyAway</a>
<h1>Booking done successfully..Happy Journey!!</h1>
    <div class="container1">
<form>

<%
    @SuppressWarnings("unchecked")
    HashMap<String,String>
user=(HashMap<String,String>)session.getAttribute("user");
%>

<h1 class="item" style="color:blue;">Thank you <%=user.get("name")%> for booking
with FlyAway !</h1>
<h1 class="item">Your AirTicket</h1>
<%
    @SuppressWarnings("unchecked")

```

```

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

<table border="1">
<tr>
    <th>PassengerName</th>
    <th>FlightName</th>
    <th>DepartureTime</th>
    <th>Price</th>
</tr>

<%
    for(String[] flight:flights){
    %>
<tr>
<td><%=user.get("name")%>
<td><%=flight[0]%></td>
<td><%=flight[1]%></td>
<td><%=flight[2]%></td>
</tr>
</table>
<%
    }
    %>

    <div ><input type="submit" onclick="window.print()" value="Print ticket"
class="btn" /></div>

```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```

FlightAvailable.jsp

```
<%@ page import = "java.io.*,java.util.*,java.sql.*"%>
```

```
<%@ page import = "javax.servlet.http.*,javax.servlet.*"%>
```

```
<%@ taglib uri = "http://java.sun.com/jsp/jstl/core" prefix = "c"%>
```

```
<%@ taglib uri = "http://java.sun.com/jsp/jstl/sql" prefix = "sql"%>
```

```
<html>
```

```
<head>
```

```
<title>JSTL sql:query Tag</title>
```

```
</head>
```

```
<a href=HomePage.jsp style="color:neon;text-decoration:none;font-size:35px;font-weight:bold;">Welcome to FlyAway</a>
```

```
<body>
```

```
<sql:setDataSource var = "snapshot" driver = "com.mysql.jdbc.Driver"
```

```
url = "jdbc:mysql://localhost:3306/flyaway"
```

```
user = "root" password = "mysql@28200">
```

```
<sql:query dataSource = "${snapshot}" var = "result">
```

```
SELECT * from flights;
```

```
</sql:query>
```

```
<table border = "1" width = "100%">
```

```
<tr>
```

```
<th>NAME</th>
```

```

        <th>FROM</th>
        <th>TO</th><u>
    <th>DEPARTURE</th>
    <th>TIME</th>
    <th>PRICE</th>
</tr>
<c:forEach var = "row" items = "${result.rows}">
    <tr>
        <td> <c:out value = "${row.name}" /></td>
        <td> <c:out value = "${row.fromf}" /></td>
        <td> <c:out value = "${row.tof}" /></td>
        <td> <c:out value = "${row.datef}" /></td>
        <td> <c:out value = "${row.timef}" /></td>
        <td> <c:out value = "${row.price}" /></td>
    </tr>
</c:forEach>
</table>
</body>
</html>

```

FlightList.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>
</head>
<body >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none;font-size:35px;font-
weight:bold;">FlyAway</a>
<br><br>
<%
    @SuppressWarnings("unchecked")
    List<String[]> flights=(List<String[]>)session.getAttribute("flights");
    if(flights!=null){
%>

<h1>Available Flights</h1>

<center>
<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>
    </center>
    <center><a href=BookFlight.jsp>Book Now</a> </center>
    <%
        }
    %>

    <%
        }
        else{
    %>
    <h1>There are no available flights</h1>
    <%
        }
    %>
    </body>
</html>

```

ForgotPassword.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 >
<br>
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-
weight:bold;">FlyAway</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>
```

HomePage.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>
```

```
</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>
```

Payment.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Payment - Ticket Booking</title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<h1>One step away from flying away !!</h1>
    <div class="container1">
<form action=FlightList method="get">
    <div class="item"><input type="text" placeholder="Email id" class="tb"
name="emailid"/></div>
    <div class="item"><input type="text" placeholder="Name on Card" class="tb"
name="nameoncard"/></div>
    <div class="item"><input type="text" placeholder="Card Number" class="tb"
name="cardnumber"/></div>
    <div class="item"><input type="text" placeholder="CVV" class="tb" name="cvv"
/></div>
    <div style="color:white; margin: 10px; text-align:center;">Card Expiry Date</div>
    <div class="item"><input type="date" class="tb" name="date"/></div>
    <div><input type="submit" value="Make Payment" class="btn" /></div>
</form>
</div>
```

</body>

</html>

UserPage.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 >
```

```
<br>
```

```
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-  
weight:bold;">FlyAway</a>
```

```
<br><br>
```

```
<center>
```

```
<h2>User Login</h2>
```

```
<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>
</center>
<br><br>
<i>New User-Create account</i>
<h4><a href=UserRegistration.jsp style="font-size:25;color:red;">Create
Account</a></h4>

<%
    String message=(String)session.getAttribute("message");
    if(message!=null){
%>
<p style="color:silver;"><%=message %></p>
<%
    session.setAttribute("message", null);

```

```
    }  
%>  
</body>  
</html>
```

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>Insert title here</title>  
</head>  
<body >  
<br>  
<a href=HomePage.jsp style="color:black;text-decoration:none ;font-size:35px;font-  
weight:bold;">FlyAway</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>
```

Pom.xml

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

<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
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <groupId>phase2</groupId>
  <artifactId>FlyAway</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <packaging>war</packaging>
```

<name>FlyAway Maven Webapp</name>

<!-- FIXME change it to the project's website -->

<url>http://www.example.com</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.7</maven.compiler.source>

<maven.compiler.target>1.7</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</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>
```

```
<!-- https://mvnrepository.com/artifact/javax.servlet/jstl -->
```

```
<dependency>
  <groupId>javax.servlet</groupId>
  <artifactId>jstl</artifactId>
  <version>1.2</version>
</dependency>
```

```
<dependency>
  <groupId>javax.servlet.jsp</groupId>
  <artifactId>javax.servlet.jsp-api</artifactId>
  <version>2.3.1</version>
</dependency>
```

```
</dependencies>
```

```
<build>
```

```
  <finalName>FlyAway</finalName>
```

```
  <pluginManagement><!-- lock down plugins versions to avoid using Maven defaults
```

```
(may be moved to parent pom) -->
```

```
    <plugins>
      <plugin>
        <artifactId>maven-clean-plugin</artifactId>
        <version>3.1.0</version>
```

</plugin>

<!-- see http://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin_bindings_for_war_packaging -->

<plugin>

<artifactId>maven-resources-plugin</artifactId>

<version>3.0.2</version>

</plugin>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

</plugin>

<plugin>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.1</version>

</plugin>

<plugin>

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

<version>3.2.2</version>

</plugin>

<plugin>

<artifactId>maven-install-plugin</artifactId>

<version>2.5.2</version>

</plugin>

<plugin>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

</plugins>

</pluginManagement>

</build>

</project>