

flyaway.com

Project Source Code

Version History:

Author:	Vignesh S
Purpose:	Project Source Code and GITHUB
Date:	19 th January, 2021
Version:	1.0

Table of Content:

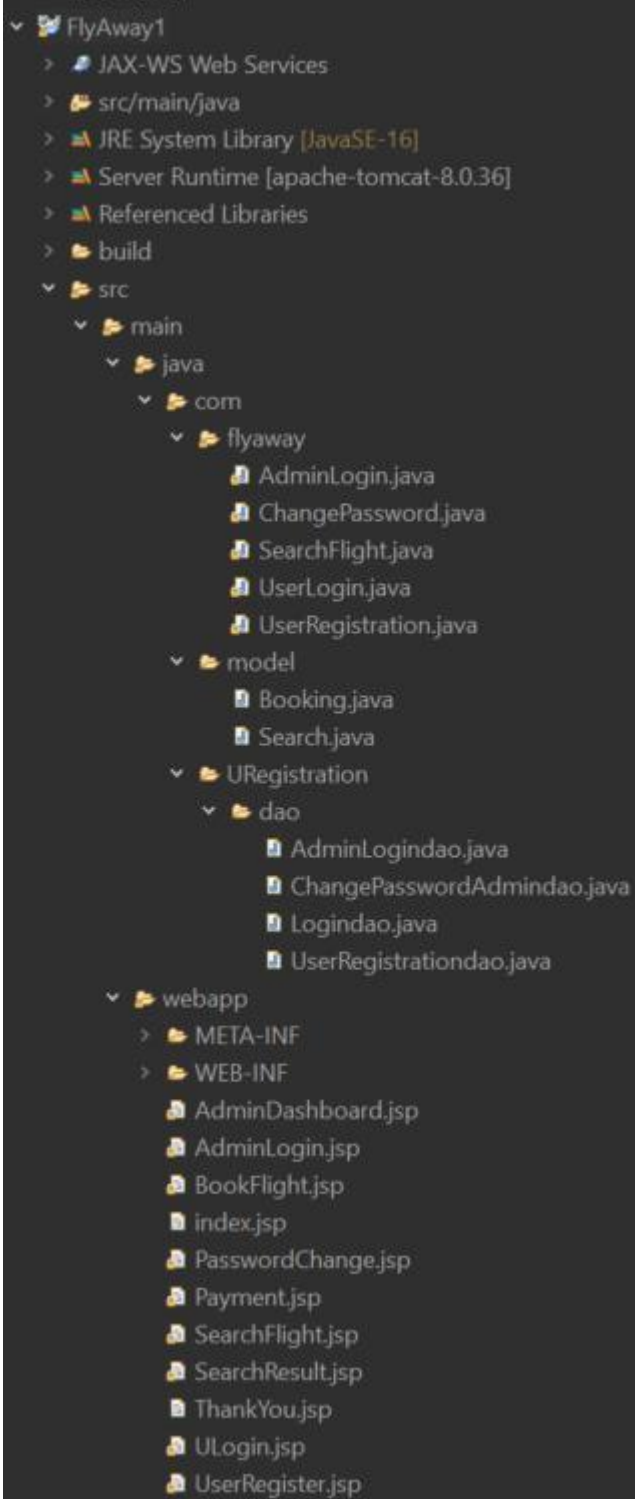
Project GITHUB Link:	3
Project Code:.....	4

Project GITHUB Link:

Repository Name:	FlyAway1
Github Link:	https://github.com/VIGNESH2803/Flyaway1

Project Code:

Folder Structure



```
graph TD
    FlyAway1[FlyAway1] --> JAX_WS[JAX-WS Web Services]
    FlyAway1 --> src_main_java[src/main/java]
    FlyAway1 --> JRE[JRE System Library [JavaSE-16]]
    FlyAway1 --> Server_Runtime[Server Runtime [apache-tomcat-8.0.36]]
    FlyAway1 --> Referenced_Libraries[Referenced Libraries]
    FlyAway1 --> build[build]
    FlyAway1 --> src[src]
    src --> main[main]
    main --> java[java]
    java --> com[com]
    com --> flyaway[flyaway]
    flyaway --> AdminLogin.java[AdminLogin.java]
    flyaway --> ChangePassword.java[ChangePassword.java]
    flyaway --> SearchFlight.java[SearchFlight.java]
    flyaway --> UserLogin.java[UserLogin.java]
    flyaway --> UserRegistration.java[UserRegistration.java]
    flyaway --> model[model]
    model --> Booking.java[Booking.java]
    model --> Search.java[Search.java]
    flyaway --> URegistration[URegistration]
    URegistration --> dao[dao]
    dao --> AdminLogindao.java[AdminLogindao.java]
    dao --> ChangePasswordAdmindao.java[ChangePasswordAdmindao.java]
    dao --> Logindao.java[Logindao.java]
    dao --> UserRegistrationdao.java[UserRegistrationdao.java]
    flyaway --> webapp[webapp]
    webapp --> META-INF[META-INF]
    webapp --> WEB-INF[WEB-INF]
    webapp --> AdminDashboard.jsp[AdminDashboard.jsp]
    webapp --> AdminLogin.jsp[AdminLogin.jsp]
    webapp --> BookFlight.jsp[BookFlight.jsp]
    webapp --> index.jsp[index.jsp]
    webapp --> PasswordChange.jsp[PasswordChange.jsp]
    webapp --> Payment.jsp[Payment.jsp]
    webapp --> SearchFlight.jsp[SearchFlight.jsp]
    webapp --> SearchResult.jsp[SearchResult.jsp]
    webapp --> ThankYou.jsp[ThankYou.jsp]
    webapp --> ULogin.jsp[ULogin.jsp]
    webapp --> UserRegister.jsp[UserRegister.jsp]
```

The screenshot displays the project structure of 'FlyAway1' in an IDE. The project is organized into several key components:

- Libraries and Build:** Includes JAX-WS Web Services, JRE System Library (JavaSE-16), Server Runtime (apache-tomcat-8.0.36), Referenced Libraries, and a build directory.
- Source Code (src/main/java):**
 - com.flyaway:** Contains core business logic classes: `AdminLogin.java`, `ChangePassword.java`, `SearchFlight.java`, `UserLogin.java`, and `UserRegistration.java`.
 - model:** Contains data model classes: `Booking.java` and `Search.java`.
 - URegistration.dao:** Contains data access objects: `AdminLogindao.java`, `ChangePasswordAdmindao.java`, `Logindao.java`, and `UserRegistrationdao.java`.
- Web Application (webapp):** Contains the presentation layer with `META-INF`, `WEB-INF`, and various JSP files: `AdminDashboard.jsp`, `AdminLogin.jsp`, `BookFlight.jsp`, `index.jsp`, `PasswordChange.jsp`, `Payment.jsp`, `SearchFlight.jsp`, `SearchResult.jsp`, `ThankYou.jsp`, `ULogin.jsp`, and `UserRegister.jsp`.

[index.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>IndexPage</title>

<style>
    body
    {
        margin:0;
        padding:0;
    }
    .container{
top:50%;
left:50%;
position: absolute;
transform:translate(-50%,-50%);
}

    .card{
padding:60px 40px 50px 40px;
background:rgb(50,50,50);
border-radius:10px;
}

    h3{

color: #8FBC8F;
font-weight: bold;

}

    p{

color: #8FBC8F;
font-weight: bold;
align:center;

}

    a
    {
border-radius:10px;
color: white;
}

</style>
```

```

</head>
<body>
<div class='container'>
<div class='card'>
<div >
    <h3>Welcome to FlyAway !</h3>
    <br>
    <br>
    <h3> Book Flights With Us in Cheapest Price </h3>
    <br>
    <br>
    <h3> Sign Up to Book Flight </h3>
    <br>
    <p ><a href="UserRegister.jsp" > Sign Up </a> </p>
</div>
<div>
    <h3> Are you Registered ?
    <h3> Login to Book Flight

</h3>
</h3>
    <p><a href="ULogin.jsp"> Sign In</a></p>
</div>
<div>
    <h3> Are you Admin ?</h3>
    <p> <a href="AdminLogin.jsp">Admin Login</a> </p>
</div>

</div>
</div>

</body>
</html>

```

ULogin.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>UserLogin</title>
<style>
    body
    {
        margin:0;
        padding:0;
    }
    .container{
top:50%;
left:50%;
position: absolute;

```

```

transform:translate(-50%,-50%);
}

.card{
padding:60px 40px 50px 40px;
background:rgb(50,50,50);
border-radius:10px;
}
#name{
border:none;
background:transparent;
border-bottom:1px solid white;
padding: 10px;
margin-bottom:15px;
color:white;
font-family: "Times New Roman", Times, serif;
}ULOGIN
#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 20px;
margin-top:15px;
border:none;
outline:none;
margin-left:50px;
}
</style>

</head>
<body>
<body>
<br>
<br>
<br>
<br>
<center><h1>Welcome to FlyAway </h1></center><br>
<center> <h1>User Login </h1></center><br>
  <div class='container'>

                                <div class='card'>

                                                <br>
                                                <form
action="UserLogin" method="post">

<input name="name" type="text" placeholder=UserName id=name><br>

<input name="password" type="password" Placeholder=Password id=name><br>
                                                <button
type="submit" value="Submit" id=Submit >LogIn</button>

```

```

</div>
</div>
</div>
</body>
</html>
</form>

```

SearchFlight.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>SearchFlight</title>

<style>
body
{
    margin:0;
    padding:0;
}
.container{
top:50%;
left:45%;
position: absolute;
transform:translate(-50%,-50%);
}

.card{
padding:10px 10px 10px 10px;
background:rgb(50,50,50);
border-radius:10px;
}

#name{
border:none;
background:transparent;
border-bottom:1px solid white;
padding: 10px;
margin-bottom:15px;
color:white;
font-family: "Times New Roman", Times, serif;
}

#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 20px;
margin-top:15px;
```



```
border:none;
outline:none;
margin-left:250px;
margin-right:50px;
}

label {
color: #8FBC8F;
font-weight: bold;
}

</style>
</head>
<br>
<br>
<br>
<br>
<center>    Welcome to FlyAway </center><br>
                <center>    Search Flight </center><br>

    <div class='container'>

                                <div class='card'>
                                    <form action="SearchFlight"
method="post">
                                <label for="date" id='lable'>Date</label>
                                <input type="date" id="date" name="date"
placeholder="DD-MM-YYYY">

                                <label for="source" id='lable'>Source</label>
                                <select id="source" name="source">
                                    <option value="India">India</option>
                                    <option value="China">China</option>
                                    <option value="Australia">Australia</option>
                                    <option value="Dubai">Dubai</option>
                                    <option value="Russia">Russia</option>
                                    <option value="Thailand">Thailand</option>
                                    <option value="Singapore">Singapore</option>
                                    <option value="Ukraine">Ukraine</option>
                                    <option value="Iran">Iran</option>
                                    <option value="Israel">Israel</option>
                                    <option value="USA">USA</option>
                                    <option value="UK">UK</option>
                                </select>
```

```
<label for="destination" id='lable'>Destination</label>
  <select id="destination" name="destination">
    <option value="USA">USA</option>
    <option value="UK">UK</option>
    <option value="India">India</option>
    <option value="Armenia">Armenia</option>
    <option value="Pakistan">Pakistan</option>
    <option value="Australia">Australia</option>
    <option value="Dubai">Dubai</option>
    <option value="Ukraine">Ukraine</option>
    <option value="Singapore">Singapore</option>
    <option value="Israel">Israel</option>

  </select>
```

```
<label for="persons" id='lable'>No of Persons</label>
  <select id="persons" name="persons">
    <option value="1">1</option>
    <option value="2">2</option>
    <option value="3">3</option>
    <option value="4">4</option>
    <option value="5">5</option>
  </select>
```

```
<button type="submit" value="Submit" id=Submit>Search Flights</button>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

SearchResult.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import="java.sql.*"%>
<%@ page import="com.model.Search" %>
```

```

<%
    String driverName = "com.mysql.jdbc.Driver";
    String connectionUrl = "jdbc:mysql://localhost:3307/";
    String dbName = "flyawaydb";
    String userId = "root";
    String password = "password";
    String query = Search.getQuery();
    try {
        Class.forName(driverName);
    } catch (ClassNotFoundException e) {
        e.printStackTrace();
    }
    Connection connection = null;
    Statement statement = null;
    ResultSet resultSet = null;
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Welcome to Flyaway Flights</title>
<style>

#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 10px;
margin-top:none;
border:none;
outline:none;
}

th, td {
padding: 10px;
text-align: Center;
background:rgb(50,50,50);
color: #8FBC8F;
}

table {
border: 1px solid black;
background:rgb(50,50,50);
color: #8FBC8F;
}

</style>

```

```

</head>
<body>

<div>
  <h2 align="center"><span><strong>Flights </strong></span></h2>
  <p align="center"><span><strong>
    You Searched flights from <%=Search.source%> to <%=Search.destination%> <br>
    Date of travel : <%=Search.date%> (<%=Search.day%>) <br>
    No of travelers : <%=Search.persons%> <br>
  </p>
  <table border=1px align=center id=table >
    <thead>
      <tr>
        <th scope="col">Flight</th>
        <th scope="col">Source</th>
        <th scope="col">Destination</th>
        <th scope="col">Date</th>
        <th scope="col">Ticket Price(Rs)</th>
        <th scope="col">Select</th>
      </tr>
    </thead>
    <tbody>
      <br><p align="center"><span><strong>Select a flight</strong></span></p><br>
      <%
        try{
          connection = DriverManager.getConnection(connectionUrl+dbName, userId,
password);
          statement=connection.createStatement();
          resultSet = statement.executeQuery(query);
          while(resultSet.next()){
            %>
            <tr bgcolor="#F5F5F5">
              <td><%=resultSet.getString("Name") %></td>
              <td><%=resultSet.getString("Source") %></td>
              <td><%=resultSet.getString("Destination") %></td>
              <td><%=Search.date%></td>
              <td><%=resultSet.getString("TicketPrice") %></td>
              <td>
                <form action="`${pageContext.request.contextPath}/BookFlight.jsp" method="post">
                  <input type="hidden" id="name" name="name"
value="<%=resultSet.getString("Name")%>">
                  <input type="hidden" id="ticket_price" name="ticket_price"
value="<%=resultSet.getString("TicketPrice")%>">
                  <input type="hidden" id="flight_id" name="flight_id"
value="<%=resultSet.getString("FlightId")%>">
                  <input type="submit" class="btn btn-success" value="Book This Flight"
id=Submit>
                </form>
              </td>
            </tr>
          }
        } catch (Exception e) {
          %>
        }
      %>
    </tbody>
  </table>

```

```

        <%
            }
        } catch (Exception e) {
            e.printStackTrace();
        }
    %>
</tbody>
</table>
</div>

</body>
</html>

```

BookFlight.jsp

```

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

<%@ page import="com.model.Booking" %>
<%
    Booking.flight_booking_id = request.getParameter("flight_id");
    Booking.ticket_price = Integer.parseInt(request.getParameter("ticket_price"));
    Booking.flight_name = request.getParameter("name");
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Booking Details</title>

<style>

body
{
    margin:0;
    padding:0;
}
.container{
top:50%;
left:45%;
position: absolute;
transform:translate(-50%,-50%);
}

.card{
padding:10px 10px 10px 10px;
background:rgb(50,50,50);
border-radius:10px;
}

#name{

```

```
border:none;
background:transparent;
border-bottom:1px solid white;
padding: 10px;
margin-bottom:15px;
color:white;
font-family: "Times New Roman", Times, serif;
}
```

```
#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 20px;
margin-top:15px;
border:none;
outline:none;
margin-left:50px;
margin-right:50px;
}
```

```
label {
color: #8FBC8F;
font-weight: bold;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<center>
```

```
<section >
```

```
<section >
```

```
<div class="row">
```

```
<div class="col">
```

```
<h1 align="center" ><b>Booking
```

```
Details</b></h1>
```

```
<p
```

```
align="center"><span><strong>Enter Passenger Details</strong></span></p><br>
```

```
</div>
```

```
</div>
```

```
<section >
```

```
<div class='container'>
```

```
<div class='card'>
```

```

                                <form
action="{pageContext.request.contextPath}/Payment.jsp" method="post" class="form-
container">

                                <label for="pname">Passenger
Name</label>
                                <input type="text" name="pname"
placeholder="Name of Passenger"> <br/> <br/>
                                <label for="email">Email
address</label>
                                <input type="email" name="email"
aria-describedby="emailHelp" placeholder="Enter email"> <br/> <br/>
                                <label for="phone">Phone
Number</label>
                                <input type="number"
name="phone" placeholder="Enter phone number"> <br/> <br/>
                                <br>
                                <button type="submit"
value="Submit" id=Submit>Submit</button>
                                </form>
                                </div>
                                </div>
                                </section>
                                </section>
                                </section>
</center>
</body>
</html>

```

Payment.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import="com.model.Booking" %>
<%@ page import="com.model.Search" %>

<%
    Booking.passenger_name = request.getParameter("pname");
    Booking.passenger_email= request.getParameter("email");
    Booking.passenger_phone= request.getParameter("phone");
    if (Booking.passenger_name.equals("")
        || Booking.passenger_email.equals("")
        || Booking.passenger_phone.equals("")) {
        out.println("Please enter valid passenger details");
    }
    else {
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>

```

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Payment Details</title>

<style>
body
{
    margin:0;
    padding:0;
}
.container{
top:50%;
left:50%;
position: absolute;
transform:translate(-50%,-50%);
}

.card{
padding:60px 40px 50px 40px;
background:rgb(50,50,50);
border-radius:10px;
}

#name{
border:none;
background:transparent;
border-bottom:1px solid white;
padding: 10px;
margin-bottom:15px;
color:white;
font-family: "Times New Roman", Times, serif;
}

#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 20px;
margin-top:15px;
border:none;
outline:none;
margin-left:100px;
}

label {
color: #8FBC8F;
font-weight: bold;
}

p{
```



```

color:#8FBC8F;
font-weight: bold;
}

</style>

</head>
<body>

    <section >
        <section >
            <div class="row">
                <div class="col">
                    <h1 align="center" ><b>Checkout</b></h1>
                    <p align="center" ><span><strong>Enter Payment
Details</strong></span></p><br>
                </div>
            </div>

            <section>

                <div class='container'>

                    <div class='card'>
                        <form action="{pageContext.request.contextPath}/ThankYou.jsp" method="post"
class="form-container">
                            <div >
                                <label for="card_details" id='label'>UPI Id</label>
                                <input type="text" name="name_on_card" placeholder="Enter UPI Id"
id='name'>
                            </div>
                            <div >
                                <label for="card_details" id='label'>Card Number/Mobile Number</label>
                                <input type="number" name="card_details" placeholder="Enter Mobile
Number" id='name'>
                            </div>
                            <br>
                            <p align="left"><span><strong>Total Amount<br> <%=Booking.ticket_price%> X
<%=Search.persons%> persons =
Rs.<%=Booking.ticket_price*Search.persons%></strong></span></p>
                                <button type="submit" value="Submit" id='Submit'>Pay Through UPI</button>
                            </form>

                        </div>
                    </div>
                </section>
            </section>
        </section>

```

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

ThankYou.jsp

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

<%@ page import="com.model.Search" %>
<%@ page import="com.model.Booking" %>
<%
    Booking.name_on_card = request.getParameter("name_on_card");
    Booking.card_details = request.getParameter("card_details");
    if (Booking.name_on_card.equals("") || Booking.card_details.equals("")) {
        out.println("Please enter valid card details");
    }
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Thank You</title>

<style>

body
{
    margin:0;
    padding:0;
}
.container
{
top:50%;
left:50%;
position: absolute;
transform:translate(-50%,-50%);
}

#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 20px;
margin-top:15px;
border:none;
outline:none;
```

```

margin-left:250px;

}

</style>
</head>
<body>

<div class='container'>
    <h2 align="center"><span><strong>Thank You</strong></span></h2>

    <p align="center"><span><strong>Flight has booked</strong></span></p>

    <br>
    <h3>Ticket Details</h3>
    <h4><strong><%=Search.source%> to <%=Search.destination%> | <%=Search.date%>
(<%=Search.day%>)</strong></h4>
    <p align="left"><%=Booking.flight_booking_id%> - <%=Booking.flight_name%>
(Travellers <%=Search.persons%>)</p><br>
    <br>
    <h3><strong>Passenger Summary</strong></h3>
    <h3>Booking Name-<%=Booking.passenger_name%> | Email-
<%=Booking.passenger_email%> | Phone- <%=Booking.passenger_phone%></h3>
    <br>
    <h3><strong>Payment Summary</strong></h3>
    <h4>Payment By-<%=Booking.name_on_card%> | Card No-
<%=Booking.card_details%></h4><br>
    <h2 align="right"><strong>Total Paid-
Rs.<%=Search.persons*Booking.ticket_price%></strong></h2><br><br>

    <p><button onclick="window.print()" id=Submit>Print Ticket</button></p>
</div>

</body>
</html>

```

UserRegister.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
{
    margin:0;
    padding:0;

```

```
}  
.container{  
top:50%;  
left:50%;  
position: absolute;  
transform:translate(-50%,-50%);  
}  
  
.card{  
padding:60px 40px 50px 40px;  
background:rgb(50,50,50);  
border-radius:10px;  
}  
  
#name{  
border:none;  
background:transparent;  
border-bottom:1px solid white;  
padding: 10px;  
margin-bottom:15px;  
color:white;  
font-family: "Times New Roman", Times, serif;  
}  
  
#Submit{  
border-radius: 10px;  
background:dodgerblue;  
border-bottom:1px;  
color: solid white;  
padding: 10px 20px;  
margin-top:15px;  
border:none;  
outline:none;  
margin-left:50px;  
}  
  
h3{  
color: #8FBC8F;  
font-weight: bold;  
margin-left :20px;  
}  
  
</style>  
</head>  
<body>  
<center>  
<h1> Welcome to FlyAway</h1> <br/><br/><br/><br/>  
  
</center>
```

```

<div class='container'>
    <div class='card'>
        <h3>    User Registration </h3>
        <form action="UserRegistration" method="post" >
            <input name="name" type="text" maxlength=50
id=name placeholder="Name"><br>
            <input name="email" type="text" maxlength=100
id=name placeholder="e-mail"><br>
            <input name="password" type="password"
maxlength="20" id=name Placeholder="password"><br>
            <button type="submit" value="Submit"
id=Submit>Sign Up</button>
        </form>
    </div>
</div>
</body>
</html>

```

Adminlogin.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Admin Login</title>

<style>
    body
    {
        margin:0;
        padding:0;
    }
    .container{
top:50%;
left:50%;
position: absolute;
transform:translate(-50%,-50%);
}

    .card{
padding:60px 40px 50px 40px;

```

```
background:rgb(50,50,50);
border-radius:10px;
}

h3{

color: Black
font-weight: bold;

}

#name{
border:none;
background:transparent;
border-bottom:1px solid white;
padding: 10px;
margin-bottom:15px;
color:white;
font-family: "Times New Roman", Times, serif;
}
#Submit{
border-radius: 10px;
background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 20px;
margin-top:15px;
border:none;
outline:none;
margin-left:50px;
}

</style>

</head>
<body>

    <center>

<br/>
    <br/><br/>
    <h3> Welcome to FlyAway</h3>

    <br/>

    <h3> Admin Login </h3>

    </center>

    <div class='container'>
    <div class='card'>
```

```
<form action="AdminLogin" method="post">

<input name="email" type="text" Placeholder="Admin ID" id='name'><br>
<input name="pass" type="password" placeholder="Password " id='name' ><br>

    <button type="submit" value="Submit" id='Submit'>LogIn</button>

</form>

</div>

</div>
```

```
</body>
```

AdminDashboard.jsp

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

```
<%@page import="java.sql.*"%>
<%@page import="com.flyaway.AdminLogin"%>
```

```
<%
    String driverName = "com.mysql.jdbc.Driver";
    String connectionUrl = "jdbc:mysql://localhost:3307/";
    String dbName = "flyawaydb";
    String userId = "root";
    String password = "password";
    try {
        Class.forName(driverName);
    } catch (ClassNotFoundException e) {
        e.printStackTrace();
    }
    Connection connection = null;
    Statement statement = null;
    ResultSet resultSet = null;
%>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>ADMIN DASHBOARD</title>
<style>
```

```
#Submit{
border-radius: 10px;
```

```

background:dodgerblue;
border-bottom:1px;
color: solid white;
padding: 10px 10px;
margin-top:none;
border:none;
outline:none;
margin-left:1200px;
}

th, td {
padding: 10px;
text-align: Center;
background:rgb(50,50,50);
color: #8FBC8F;
}

th {
padding: 10px;
text-align: Center;
background:blue;
color: #8FBC8F;
}
table {
border: 1px solid black;
background:rgb(50,50,50);
color: #8FBC8F;
}

</style>

</head>
<body>

<%
    if (AdminLogin.isLoggedIn) {
%>

<h2 align="center"><b>ADMIN DASHBOARD</b></h2>

<div class="row">
    <div >
        <form method="post"
action="${pageContext.request.contextPath}/PasswordChange.jsp">
            <button type="submit" id='Submit' >Change Password</button>
        </form>&ensp;
    </div>

    <div >
        <form method="post" action="${pageContext.request.contextPath}/AdminLogin.jsp">

```



```

        <button type="submit" id='Submit'>Logout</button>
    </form>
</div>
<br>
</div>

<section >
    <section >
        <section>
            <table align='center'>
                <thead>
                    <tr>
                        <th scope="col">FLIGHT ID</th>
                        <th scope="col">NAME</th>
                        <th scope="col">SOURCE</th>
                        <th scope="col">DESTINATION</th>
                        <th scope="col">DAY</th>
                        <th scope="col">TICKET FARE</th>
                    </tr>
                </thead>
                <tbody>

                <p align="center"><span><strong> FLIGHT TABLE</strong></span></p>
                <%
                    try{
                        connection = DriverManager.getConnection(connectionUrl+dbName, userId,
password);
                        statement=connection.createStatement();
                        String sql ="SELECT * FROM flight";
                        resultSet = statement.executeQuery(sql);
                        while(resultSet.next()){
                            %>
                            <tr>
                                <td><%=resultSet.getString("FlightId") %></td>
                                <td><%=resultSet.getString("Name") %></td>
                                <td><%=resultSet.getString("Source") %></td>
                                <td><%=resultSet.getString("Destination") %></td>
                                <td><%=resultSet.getString("Day") %></td>
                                <td><%=resultSet.getString("TicketPrice") %></td>
                            </tr>

                            <%
                                }
                                %>
                            </tbody>
                        </table>

```

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

```
<center><h1>MASTER LIST FOR SOURCE - DESTINATION AND
ROUTES</h1></center>
```

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

```
<table align='center'>
<thead>
<tr>

<th scope="col">SOURCE</th>
<th scope="col">DESTINATION</th>
<th scope="col">DAY</th>

</tr>
</thead>
<tbody>
<%
sql ="SELECT Distinct Source, Destination, Day FROM flight";
resultSet = statement.executeQuery(sql);
while(resultSet.next()){
%>

<td><%=resultSet.getString("Source") %></td>
<td><%=resultSet.getString("Destination") %></td>
<td><%=resultSet.getString("Day") %></td>

</tr>

<%
    }
%>
</tbody>
</table>
<br/>
<br/>
```

```
<center><h1>MASTER LIST FOR AIRWAYS</h1></center>
```

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

```
<table align='center'>
<thead>
<tr>
```

```

        <th scope="col">AIRWAY</th>

    </tr>
</thead>
<tbody>
    <%
        sql ="SELECT Distinct Name FROM flight";
        resultSet = statement.executeQuery(sql);
        while(resultSet.next()){
            %>

            <td><%=resultSet.getString("Name") %></td>

        </tr>
        <%
        }
        } catch (Exception e) {
            e.printStackTrace();
        }
        }
        else {
            out.print("You must Login first");
        }
    %>
</tbody>
</table>
</section>
</section>
</section>

</body>
</html>

```

AdminLogin.java

```

package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;

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 com.URRegistration.dao.AdminLogindao;
import com.URRegistration.dao.Logindao;

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

    public static boolean isLoggedIn = false;

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

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

        PrintWriter out = response.getWriter();

        //out.println(email+" "+pass);

        AdminLogindao logindao = new AdminLogindao();

        if(logindao.check(email,pass)){
            //            HttpSession session = request.getSession();
            //            session.setAttribute("username", uname);
            //            out.println("User Logged In Successfully");

            isLoggedIn = true;
            out.println("You have LoggedIn");
            response.sendRedirect("AdminDashboard.jsp");

        }
        else{
            isLoggedIn = false;
            out.println("Login Failed : Incorrect email or Password");

        }

    }

}

```

```
}
```

AdminLogin

```
package com;

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;

import dto.UserCriteria;
/**
 * Servlet implementation class AdminLogin
 */
@WebServlet("/AdminLogin")
public class AdminLogin extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

    /**
     * @see HttpServlet#service(HttpServletRequest request,
    HttpServletResponse response)
     */
    protected void service(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        HttpSession session = request.getSession();
        UserCriteria uc = new UserCriteria();
        session.setAttribute("usercriteria", uc);
        response.sendRedirect("login.html");
    }
}
```

ChangePassword.java

```
package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;

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 com.URRegistration.dao.ChangePasswordAdmindao;

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

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

        ChangePasswordAdmindao cdao = new ChangePasswordAdmindao();

        PrintWriter out = response.getWriter();

        String pass = request.getParameter("passwordEntered");

        if (!AdminLogin.isLoggedIn){
            out.println("You must login first");
        }
        else if (pass.equals("")){
            out.println("Password can't be empty");
        }
        else if (AdminLogin.isLoggedIn && !pass.equals("")){
            if(cdao.check(pass)){
                out.println("Password changed. New Password is "+pass);
                response.setContentType("text/html");
                out.println();

                out.println("<a href=\"AdminLogin.jsp\">Admin Login</a>");
            }
        }
        else {
            out.println("Sorry, Something went wrong");
        }
    }
}
```

Searchflight.java

```
package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;
import java.time.LocalDate;
import java.time.ZonedDateTime;

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 com.model.Search;

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

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        PrintWriter out = response.getWriter();
        Search.date = request.getParameter("date");
        Search.source = request.getParameter("source");
        Search.destination = request.getParameter("destination");
        Search.persons = Integer.parseInt(request.getParameter("persons"));

        if (Search.date.equals("")) {

            out.println("Please enter a valid date");
        }
        else {
            //out.println(Search.date);
            Search.day = getDay(Search.date);
            // out.println(Search.day);
            response.sendRedirect("SearchResult.jsp");
        }

    }

    public String getDay(String dateInp) {

        // ZonedDateTime d = ZonedDateTime.parse(dateInp);
        LocalDate dt = LocalDate.parse(dateInp);
        return dt.getDayOfWeek().toString();
    }
}
```

```
}
```

```
}
```

UserLogin.java

```
package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;

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 com.URRegistration.dao.Logindao;

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

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

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

        PrintWriter out = response.getWriter();

        //out.println(email+" "+pass);

        Logindao logindao = new Logindao();

        if(logindao.check(name,password)){
```



```

//            HttpSession session = request.getSession();
//
//            session.setAttribute("username", uname);
//            out.println("User Logged In Successfully");

            response.sendRedirect("SearchFlight.jsp");

        }
        else{

            out.println("User Not Logged In");

        }

    }
}

```

UserRegistration.java

```

package com.flyaway;

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

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 com.URRegistration.dao.UserRegistrationdao;
/**
 * Servlet implementation class UserRegistration
 */
@WebServlet("/UserRegistration")
public class UserRegistration extends HttpServlet {
    private static final long serialVersionUID = 1L;

```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
```

```
    PrintWriter out = response.getWriter();
```

```
    String name = request.getParameter("name");
    String email = request.getParameter("email");
    String pass = request.getParameter("password");
```

```
    UserRegistrationdao uregdao = new UserRegistrationdao();
```

```
    if(name.equals("")||email.equals("")|| pass.equals("")){
        out.println("Please Enter The Data Correctly");
    }
    else{
        if(uregdao.check(name, email, pass)){
            out.println("User Registered Successfully");
            // if regsitered successfully then redirect to User Login.jsp
            response.sendRedirect("ULogin.jsp");
        }
        else{
            out.println("User Not Registered");
            //response.sendRedirect("ULogin.jsp");
        }
    }
}
```

```
}
```

```
}
```

```
Booking.java
```

```
package com.model;
```

```
public class Booking {
```

```
    // flight details
```

```
public static String flight_booking_id;
public static int ticket_price;
public static String flight_name;

// passenger details
public static String passenger_name;
public static String passenger_email;
public static String passenger_phone;

// payment details
public static String name_on_card;
public static String card_details;
}
```

[Search.java](#)

```
package com.model;
```

```
public abstract class Search {
```

```
    public static String date;
    public static String day;
    public static String source;
    public static String destination;
    public static int persons;
```

```
    public static String getQuery() {
        return "SELECT * FROM flight WHERE Source = '"+source+"' AND
Destination='"+destination+"'AND Day='"+day+"'";
    }
```

```
}
```

[Adminlogindao.java](#)

```
package com.URRegistration.dao;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
```

```
public class AdminLogindao {
```

```
    String url ="jdbc:mysql://localhost:3307/flyawaydb";
    String username="root";
    String password="password";
    String sql = "select * from AdminLogin where Email=? and PassWord=?";
```

```
public boolean check(String email, String pass){
    boolean flag =false;

    try {

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

        Connection con =
DriverManager.getConnection(url,username,password);

        PreparedStatement st = con.prepareStatement(sql);

        st.setString(1, email);
        st.setString(2, pass);

        ResultSet rs = st.executeQuery();

        if(rs.next()){
            flag =true;
            return flag;
        }

    } catch (Exception e) {

        e.printStackTrace();
    }

    return flag;
}
}
```

ChangepasswordAdminDao.java

```
package com.URRegistration.dao;

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

public class ChangePasswordAdmindao {
    String url ="jdbc:mysql://localhost:3307/flyawaydb";
    String username="root";
    String password="password";
    String sql = "Update AdminLogin set PassWord=? Where Email=?";

    public boolean check(String pass){
        boolean flag =false;

        try {

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

            Connection con =
DriverManager.getConnection(url,username,password);

            PreparedStatement st = con.prepareStatement(sql);

            st.setString(1,pass);
            st.setString(2,"Admin@flights.com");

            int rs = st.executeUpdate();

            if(rs == 1){
                flag =true;
                return flag;
            }

        } catch (Exception e) {

            e.printStackTrace();
        }
    }
}
```

```
return flag;
```

```
}
```

```
}
```

Logindao.java

```
LOGIpackage com.URegistration.dao;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
public class Logindao {
```

```
    String url ="jdbc:mysql://localhost:3307/flyawaydb";
```

```
    String username="root";
```

```
    String password="password";
```

```
    String sql = "select * from user where Name=? and Password=?";
```

```
    public boolean check(String name, String Upassword){  
        boolean flag =false;
```

```
        try {
```

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

```
            Connection con =  
DriverManager.getConnection(url,username,password);
```

```
            PreparedStatement st = con.prepareStatement(sql);
```

```
            st.setString(1, name);  
            st.setString(2, Upassword);
```

```
            ResultSet rs = st.executeQuery();
```

```
            if(rs.next()){  
                flag =true;  
                return flag;
```

```
            }
```

```
    } catch (Exception e) {  
        e.printStackTrace();  
    }
```

```
    return flag;
```

```
}
```

```
}
```


Userregistrationdao.java

```
package com.URRegistration.dao;

import java.sql.*;

public class UserRegistrationdao {

    String url ="jdbc:mysql://localhost:3307/flyawaydb";
    String username="root";
    String password="password";
    String sql = "INSERT INTO user(Name,email>Password) VALUES (?, ?, ?);";

    public boolean check(String name, String email, String pass) {
        boolean flag =false;

        try {

            Class.forName("com.mysql.jdbc.Driver");
            System.out.println("request in Try block of USERDAO");
            Connection con =
DriverManager.getConnection(url,username,password);
            System.out.println("connection successful");

            PreparedStatement st = con.prepareStatement(sql);

            st.setString(1,name);
            st.setString(2,email);
            st.setString(3,pass);

            int rs = st.executeUpdate();

            if(rs == 1){
                flag =true;
                return flag;
            }

        } catch (Exception e) {
```

```
        e.printStackTrace();  
        System.out.println("Passed DAO");  
    }
```

```
    return flag;
```

```
}
```

```
}
```