SOURCE CODE:

JSP files:

AdminDashboard.jsp

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


<%@page import="java.sql.*"%>
<%@page import="flight.AdminLogin"%>


<%
    String driverName = "com.mysql.jdbc.Driver";

    String connectionUrl = "jdbc:mysql://localhost:3306/";

    String dbName = "flight";

    String userId = "root";

    String password = "Pradeepa@2309";


    try {

        Class.forName(driverName);

    } catch (ClassNotFoundException e) {

        e.printStackTrace();

    }


    Connection connection = null;

    Statement statement = null;

    ResultSet resultSet = null;
%>
```

```jsp
<!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>
</head>
<body>

<%
    if (AdminLogin.isLoggedIn) {
%>
<h1 style="color:red" align="center"> Admin Dashboard</h1>
<center>
<div class="row">
    <div >
        <form method="post"
action="${pageContext.request.contextPath}/PasswordChange.jsp">
            <button type="submit" >Change Password</button>
        </form> 
    </div>


    <div >
        <form method="post"
action="${pageContext.request.contextPath}/AdminLogin.jsp">
            <button type="submit" >Logout</button>
        </form>
    </div>
```

```html
		<br>
</div>
</center>
-->
<center>
<section >
  <section >
    <section>
      <table border="1" >
        <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 Price</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();
```

```jsp
            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>


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

```
            </section>

      </section>



      </center>



      </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>

</head>

<body>

<center>


 <div>


    <h1 style="color:red;">

    Welcome to FlyAway


     Admin   Login
```

```
        </h1>
        <div style="border:2px solid black;width:25%;border-radius:20px;padding:20px" align="center">
        <form action="AdminLogin" method="post">


        <table>
        <tr><td>
        Email <input name="email" type="text">
        </td></tr>


        <tr><td>
        PassWord <input name="pass" type="password"><br>
        </td></tr>


        <tr><td>
        <button type="submit" value="Submit">LogIn</button>
        </td></tr>
        </table>
        </form>


        </div>
</center>
</body>
</html>
```

Bookflight.jsp

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

```jsp
<%@ page import="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>
</head>
<body>


<center>
<h1 style="color:red"> Booking details</h1>
<div style="border:2px solid black;width:25%;border-
radius:20px;padding:20px" align="center">
<h3 style="color:mediumSeaGreen" > Enter passenger details</h3>
<form action="${pageContext.request.contextPath}/Payment.jsp"
method="post" class="form-container">
<table>
<tr>
<td>
    <label for="pname">Passenger Name</label>
    <input type="text" name="pname" placeholder="Name of Passenger">
```

```html
      </td>
    </tr>


    <tr>
    <td>
      <label for="email">Email address</label>
      <input type="email" name="email"  aria-describedby="emailHelp" placeholder="Enter email">


    </td>
    </tr>


    <tr>
    <td>
        <label for="phone">Phone</label>
        <input type="number"  name="phone" placeholder="Enter phone number">
    </td>
    </tr>


    <tr>
    <td>
      <button type="submit" value="Submit">Submit</button>
    </td>
    </tr>
    </table>
    </form>
    </div>
```

\</center\>

\</body\>

\</html\>

Index.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\>Dashboard\</title\>

\</head\>

\<body\>

  \<center\>\<h1 style="color:red;"\> Welcome to FlyAway !!!\</h1\>

   \<br\>

   \<br\>

   \<h2 style="color:blue"\>\<b\> Choose the available service \</b\>\</h2\>

   \<br\>

   \<br\>

    \<p\> New User-Sign up here!! \<a href="UserRegister.jsp"\> Sign Up
\</a\> \</p\>

```html
        <br>


            <p>Existing user- Login here!!!<a href="ULogin.jsp"> Sign In</a></p>


            <br>


            <p>Admin's login <a href="AdminLogin.jsp">Admin Login</a> </p>


        </center>


</body>
</html>
```

Logout.jsp

```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>Logout</title>
</head>
<body>
<br>
<br>
```

```html
<br>

<h1 sytle="color:red;"><center> Thank you for using our
website</center></h1>




</body>

</html>
```

PasswordChange.jsp

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


<%@ page import="flight.AdminLogin" %>




<!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>Password Change</title>

</head>

<body>


<center>

<div class="container">

    <h1 style="color:red">Password Change</h1>

      <%

      if (AdminLogin.isLoggedIn) {
```

```jsp
        %><div style="border:2px solid black;width:25%;border-
radius:20px;padding:20px" align="center">
            <form action="ChangePassword" method="post">
              <table>
              <tr><td>
                 <label >Email address : Admin123@gmail.com</label>
              </td></tr>
              <tr><td>
                 <label for="inputPassword" >New Password</label>
                 <input type="password" name="passwordEntered"
placeholder="Enter a new password">
               </td></tr>
              <tr><td>
              <button type="submit">Change Password</button>
              </td></tr>
               </table>
            </form>
            </div>
        <%
        }
        else {
           out.print("You must Login first");
        }
        %>
    </div>
</center>
</body>
</html>
```

Payment.jsp

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

  <center>
```

```html
<h1 style="color:red"> Enter Payment details</h1>

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

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

<table>

<tr><td>

<label for="card_details">UPI Id</label>

<input type="text" name="name_on_card" placeholder="Enter UPI Id">

</td></tr>




<tr><td>

<label for="card_details">Mobile Number</label>

<input type="number" name="card_details" placeholder="Enter Mobile Number">

</td></tr>




<tr><td>

<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">Pay Through UPI</button>

</td></tr>




<tr><td>




</td></tr>

</table>
```

</form>

    </div>

</center>

</body>

</html>

<%

    }

%>

SearchFlight.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>Search Flight</title>

</head>

<body>

    <center> <h1 style ="color:red">   Welcome to FlyAway!!!</h1>

    </div>

```html
<h2 style="color:MediumSeaGreen"> Ticket Booking </h2>
<div style="border:2px solid black;width:25%;border-radius:20px;padding:20px" align="center">
<form action="SearchFlight" method="post">
<table>
<tr>
<td>  <label for="date">Date</label>
     <input type="date"  id="date" name="date" placeholder="yyyy-mm-dd.."></td>
</tr>


<tr>
<td> <label for="source">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">Thialand</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> </td>
</tr>
```

```html
<tr>
<td> <label for="destination">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> </td>
</tr>


<tr>
<td>
 <label for="persons">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>
```

```html
                    <option value="5">6</option>
                    <option value="5">7</option>
                    <option value="5">8</option>
                </select>
        </td>
    </tr>
    <tr>
    <td><button type="submit"  value="Submit">Search Flights</button>
    </td>
    </tr>


    </table>
    </form>
    </div>
    </center>
</body>
</html>
```

SearchResult.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import="java.sql.*"%>
<%@ page import="model.Search" %>
<%
    String driverName = "com.mysql.jdbc.Driver";
    String connectionUrl = "jdbc:mysql://localhost:3306/flight";
  // String dbName = "flight";
    String userId = "root";
```

```
    String password = "Pradeepa@2309";

    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>

</head>

<body>

<center>

<h1 style="color:red">Flight details </h1>

<h2 style="color:mediumseaGreen" >

    You Searched flights from <%=Search.source%> to
<%=Search.destination%>

    Date of travel : <%=Search.date%> (<%=Search.day%>)

    No of travelers : <%=Search.persons%>

```html
    </h2>



  <h3 style="color:tomato;"> <b> <br>Select a flight</b></h3>
  <br>
   <table border="1" >
     <thead>
     <tr>
       <th scope="col" style="color:slateblue;">Flight</th>
       <th scope="col" style="color:slateblue;">Source</th>
       <th scope="col" style="color:slateblue;">Destination</th>
       <th scope="col" style="color:slateblue;">Date</th>
       <th scope="col" style="color:slateblue;">Ticket Price(Rs)</th>
       <th scope="col" style="color:slateblue;">Select</th>
     </tr>
     </thead>
     <tbody>

     <%
       try{
          connection = DriverManager.getConnection(connectionUrl, userId,
password);
          statement=connection.createStatement();
        //  Search.getQuery();


        //   resultSet = statement.executeQuery(Search.getQuery());
         resultSet = statement.executeQuery(query);
         while(resultSet.next()){
```

```jsp
%>
<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">
        </form>
    </td>
</tr>
<%
    }
} catch (Exception e) {
    e.printStackTrace();
}
%>
</tbody>
</table>
```

</center>

</body>

</html>

Thankyou.jsp

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


<%@ page import="model.Search" %>

<%@ page import="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>

</head>

<body>
```

```
<h1 style="color:red" align="center"><span><strong>Thank
You</strong></span></h1>


<h3 style="color:mediumSeaGreen" align="center"><span><strong>Flight
ticket  has booked succesfully !!!!</strong></span></h3>
<center>
<div style="border:2px solid black;width:50%;border-
radius:20px;padding:20px" align="center">
<table>
<tr><td>
<h3 style="color:blue">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>
</td></tr>


<tr><td>
<h3 style="color:blue"><strong>Passenger Summary</strong></h3>
<h3>Booking Name-<%=Booking.passenger_name%> | Email-
<%=Booking.passenger_email%> | Phone-
<%=Booking.passenger_phone%></h3>
</td></tr>


<tr><td>
  <h3 style="color:blue"><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>
```

```html
        </td></tr>


    <tr>
    <td> <p><button onclick="window.print()" >Print Ticket</button></p>
    </td></tr>
<!--
<tr><td>
<h2 align="left">
<a href="ULogin.jsp">Go to Login</a> </h2>


</td></tr>


<tr><td>
<h2 align="right">
<a href="logout.jsp">exit from the session</a> </h2>
</td></tr>-->
    </table>
    </div>
  <h2>

  <a href="ULogin.jsp">Go to Login</a> </h2>
  <h2><a href="logout.jsp">Exit from the session</a> </h2>
  <h2> <a href="Index.jsp"> Go to welcome page</a>
 </center>

</body>
</html>
```

Ulogin.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>User Login</title>
</head>
<body>


    <div>


  <center> <h1 style="color:red;" >Welcome to FlyAway!!!!!</h1>  </center>




    <center>
<h2 style="color:MediumSeaGreen">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> Name <input name="name" type="text"></td><br><br>

  </tr>
```

```html
            <tr>
            <td>Email <input name="email" type="text"></td><br><br>
            </tr>


            <tr>
            <td><input type=submit value=submit /></td>
            <td><input type=reset /></td>
            </tr>
            </table>


        </form>
        </div>
        </center>
            </div>




        </body>
        </html>
```

UserRegistered.jsp

```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>User Registration</title>
```

```html
</head>
<body>


  <center> <h1 style ="color:red">   Welcome to FlyAway!!!</h1></center>


   <br>
   <br>


   <center>
<h2 style="color:MediumSeaGreen"> New Registration </h2>
<div style="border:2px solid black;width:25%;border-radius:20px;padding:20px" align="center">


 <form action="UserRegistration" method="post" >
  <table >
  <tr>
  <td> Name <input name="name"  type="text" maxlenght=50></td>


   </tr>
   <tr>
  <td> Email <input name="email" type="text"  maxlength=100></td>
   </tr>



   <tr>
```

```html
<td>  Password <input name="password" type="password"
maxlength="20"></td>

  </tr>


  <tr>

  <td> <button type="submit" value="Submit">Sign Up</button></td>

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

  </tr>

  </table>

  </form>

  </div>


</center>

</body>

</html>
```

JAVA FILES:

AdminLogin.java

```java
package flight;


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;
```

```java
import javax.servlet.http.HttpServletResponse;

import Registration.AdminLogindao;
import Registration.Logindao;

@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)){
```

```java
//              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");




}


}



}
```

ChangePassword.java

```java
package flight;
```

```java
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 Registration.ChangePasswordAdmindao;

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

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

        ChangePasswordAdmindao cdao = new ChangePasswordAdmindao();
```

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

out.println("Password changed successfully");


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

```java
package flight;

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 model.Search;

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

```java
        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);
```

```java
        return dt.getDayOfWeek().toString();
    }




}
```

UserLogin.java

```java
package flight;


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 Registration.Logindao;


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

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


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

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


        PrintWriter out = response.getWriter();


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


        Logindao logindao = new Logindao();



        if(logindao.check(name,email)){

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

```java
                    response.sendRedirect("SearchFlight.jsp");


            }
            else{


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


            }



        }


}
```

UserRegistration.java

```java
package flight;

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;
```

```java
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 Registration.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

```java
package 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

```java
package model;
```

```java
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 flightDb WHERE Source = '"+source+"'
AND Destination='"+destination+"'AND Day='"+day+"'";


          return "SELECT * FROM flightdb WHERE Source = '"+source+"'
AND Destination='"+destination+"'";

        }



}
```

AdminLoginDao.java

```java
package Registration;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;
```

```java
public class AdminLogindao {

        String url ="jdbc:mysql://localhost:3306/flight";

        String username="root";

        String password="Pradeepa@2309";

        String sql = "select * from Admin 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();
```

```java
                    if(rs.next()){

                            flag =true;

                            return flag;

                    }




            } catch (Exception e) {


                    e.printStackTrace();

            }




            return flag;




    }


}
```

ChangePasswordAdmindao.java

package Registration;

import java.sql.Connection;

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

public class ChangePasswordAdmindao {
    String url ="jdbc:mysql://localhost:3306/flight";
    String username="root";
    String password="Pradeepa@2309";
    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,"Admin123@gmail.com");

            int rs = st.executeUpdate();
```

```java
                    if(rs == 1){

                            flag =true;

                            return flag;

                    }




            } catch (Exception e) {


                    e.printStackTrace();

            }



            return flag;






        }
}
```

Logindao.java

```java
package Registration;


import java.sql.Connection;
```

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

public class Logindao {

        String url ="jdbc:mysql://localhost:3306/flight";
        String username="root";
        String password="Pradeepa@2309";
        String sql = "select * from user where Name=? and Email=?";

        public boolean check(String name, String email){
                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, email);
```

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


            if(rs.next()){

                    flag =true;

                    return flag;

            }




        } catch (Exception e) {


                e.printStackTrace();

        }



        return flag;




    }



}
```
UserRegistrationdao.java

```java
package Registration;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;


public class UserRegistrationdao {



    String url ="jdbc:mysql://localhost:3306/flight";

    String username="root";

    String password="Pradeepa@2309";

    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");


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

```java
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();
}

return flag;

}

}
```