# Project Name: FlyAway.

## GitHub Link:

<https://github.com/tamasjit/myjavaproject/tree/master/Phase%202/Phase-2_Final%20Assesment/q2_FlyAway>

## Source Code:

### 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>

     <div>

          Welcome to FlyAway !

          <br>

          <br>

          Book Flights With Us in Cheapest Price

          <br>

          <br>

          Sign Up to Book Flight

          <br>

          <p><a href="UserRegister.jsp"> Sign Up </a> </p>

     </div>

     <div>

         Are you Registered ?

         Login to Book Flight

         <p><a href="ULogin.jsp"> Sign In</a></p>

     </div>

     <div>

         Are you Admin ?

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

     </div>

</body>

</html>

### 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:3306/";

    String dbName = "flyaway";

    String userId = "root";

    String password = "Abc@123";

    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>

</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" >Change Password</button>

            </form>&ensp;

        </div>

        <div >

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

                <button type="submit" >Logout</button>

            </form>

        </div>

        <br>

</div>

<section >

    <section >

        <section>

            <table >

                <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();

                        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>

</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>

 <div>

     Welcome to FlyAway

     Admin  Login

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

        Email <input name="email" type="text"><br>

        PassWord <input name="pass" type="password"><br>

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

     </form>

    </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>

</head>

<body>

<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 >

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

                    <div >

                        <label for="pname">Passenger Name</label>

                        <input type="text" name="pname" placeholder="Name of Passenger">

                    </div>

                    <div >

                        <label for="email">Email address</label>

                        <input type="email" name="email"  aria-describedby="emailHelp" placeholder="Enter email">

                    </div>

                    <div >

                        <label for="phone">Phone</label>

                        <input type="number"  name="phone" placeholder="Enter phone number">

                    </div>

                    <br>

                    <button type="submit" value="Submit">Submit</button>

                </form>

            </section>

        </section>

    </section>

</body>

</html>

### PasswordChange.jsp

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

    pageEncoding="ISO-8859-1"%>

<%@ page import="com.flyaway.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>

<div class="container">

        <h1>Password Change</h1>

            <%

            if (AdminLogin.isLoggedIn) {

            %>

                <form action="ChangePassword" method="post">

                    <div>

                        <label >Email address : Admin123@gmail.com</label>

                    </div>

                    <div >

                        <label for="inputPassword" >New Password</label>

                        <input type="password" name="passwordEntered"  placeholder="Enter a new password">

                    </div>

                    <button type="submit">Change Password</button>

                </form>

            <%

            }

            else {

                out.print("You must Login first");

            }

            %>

    </div>

</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>

</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>

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

                   <div >

                       <label for="card\_details">UPI Id</label>

                       <input type="text" name="name\_on\_card" placeholder="Enter UPI Id">

                   </div>

                   <div >

                       <label for="card\_details">Mobile Number</label>

                       <input type="number" name="card\_details" placeholder="Enter Mobile Number">

                   </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">Pay Through UPI</button>

               </form>

          </section>

        </section>

    </section>

</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>

    <div>

        Welcome to FlyAway <br>

        Ticket Booking <br>

    </div>

   <form action="SearchFlight" method="post">

        <div>

            <label for="date">Date</label>

          <input type="date"   id="date" name="date" placeholder="yyyy-mm-dd..">

        </div>

        <div>

          <label for="source">Source</label>

                    <select  id="source" name="source">

                        <option value="Delhi">Delhi</option>

                        <option value="Bangalore">Bangalore</option>

                        <option value="Mumbai">Mumbai</option>

                        <option value="London">London</option>

                        <option value="kolkata">kolkata</option>

                        <option value="Dubai">Dubai</option>

                        <option value="New York">New York</option>

                        <option value="Moscow">Moscow</option>

                        <option value="Jakarta">Jakarta</option>

                        <option value="Chennai">Chennai</option>

                    </select>

        </div>

        <div>

           <label for="destination">Destination</label>

                    <select  id="destination" name="destination">

                        <option value="Delhi">Delhi</option>

                        <option value="Bangalore">Bangalore</option>

                        <option value="Mumbai">Mumbai</option>

                        <option value="London">London</option>

                        <option value="kolkata">kolkata</option>

                        <option value="Dubai">Dubai</option>

                        <option value="New York">New York</option>

                        <option value="Moscow">Moscow</option>

                        <option value="Jakarta">Jakarta</option>

                        <option value="Chennai">Chennai</option>

                    </select>

        </div>

        <div>

          <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>

                    </select>

        </div>

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

    </form>

</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:3306/";

    String dbName = "flyaway";

    String userId = "root";

    String password = "Abc@123";

    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>

<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 >

        <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">

                </form>

            </td>

        </tr>

        <%

                }

            } catch (Exception e) {

                e.printStackTrace();

            }

        %>

        </tbody>

    </table>

</div>

</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>

</head>

<body>

<div>

        <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()" >Print Ticket</button></p>

    </div>

</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>

     Welcome to FlyAway

     User  Login

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

        Name <input name="name" type="text"><br>

        Email <input name="email" type="text"><br>

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

     </form>

    </div>

</body>

</html>

### Uregistered.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>Insert title here</title>

</head>

<body>

</body>

</html>

### UserRegister.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>

</head>

<body>

    <div>

     Welcome to FlyAway

     User Registration

     <form action="UserRegistration" method="post" >

        Name <input name="name"  type="text" maxlenght=50><br>

        Email <input name="email" type="text"  maxlength=100><br>

        Password <input name="password" type="password" maxlength="20"><br>

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

     </form>

    </div>

</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.URegistration.dao.AdminLogindao;

import com.URegistration.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");

        }

    }

}

### 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.URegistration.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.URegistration.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 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");

            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.URegistration.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.URegistration.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:3306/flyaway";

    String username="root";

    String password="Abc@123";

    String sql = "select \* from AdminLogin where Email=? and PassWord=?";

    public boolean check(String email, String pass){

        boolean flag =false;

        try {

            Class.forName("com.mysql.cj.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.URegistration.dao;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

public class ChangePasswordAdmindao {

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

    String username="root";

    String password="Abc@123";

    String sql = "Update AdminLogin set PassWord=? Where Email=?;";

    public boolean check(String pass){

        boolean flag =false;

        try {

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

            if(rs == 1){

                flag =true;

                return flag;

            }

        } catch (Exception e) {

            e.printStackTrace();

        }

        return flag;

    }

}

### Logindao.java

package 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:3306/flyaway";

    String username="root";

    String password="Abc@123";

    String sql = "select \* from user where Name=? and Email=?";

    public boolean check(String name, String email){

        boolean flag =false;

        try {

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

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

            PreparedStatement st = con.prepareStatement(sql);

            st.setString(1, name);

            st.setString(2, email);

            ResultSet rs = st.executeQuery();

            if(rs.next()){

                flag =true;

                return flag;

            }

        } catch (Exception e) {

            e.printStackTrace();

        }

        return flag;

}

}

### UserRegistration.java

package com.URegistration.dao;

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/flyaway";

    String username="root";

    String password="Abc@123";

    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.cj.jdbc.Driver");

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

            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;

    }

}

### Web.xml

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

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd" id="WebApp\_ID" version="3.0">

  <display-name>FlyAway</display-name>

  <welcome-file-list>

    <welcome-file>index.html</welcome-file>

    <welcome-file>index.htm</welcome-file>

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

    <welcome-file>default.html</welcome-file>

    <welcome-file>default.htm</welcome-file>

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

  </welcome-file-list>

</web-app>