

AdminDAO.java

```
package com.flyaway.admin;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.*;

public class AdminDAO {

    //INSERT
    public int checkDb(AdminPOJO adm) throws ClassNotFoundException,
SQLException{
        Connection con = AdminDbConnection.getConn();
        String sql = "SELECT * FROM admindetails WHERE username= ?";
        //String sql = "SELECT * FROM admindetails";
        PreparedStatement ps = con.prepareStatement(sql);
        ps.setString(1, adm.getadmEmail());
        ResultSet rs = ps.executeQuery();
        while(rs.next()) {
            String pass = rs.getString("passkey");
            if(adm.getPass().equals(pass)) {
                con.close();
                return 1;
            }
        }
        con.close();
        rs.close();
        return 0;
    }

    //PasswordReset

    public int newPassSet(AdminPOJO adm) throws ClassNotFoundException,
SQLException{
        Connection con = AdminDbConnection.getConn();
        String sql = "UPDATE admindetails SET passkey=? WHERE username=?";
        PreparedStatement ps = con.prepareStatement(sql);
        ps.setString(1, adm.getPass());
        ps.setString(2, adm.getadmEmail());

        int result =ps.executeUpdate();
        if(result !=0) {
            con.close();
            return 1;
        }

        con.close();

        return 0;
    }

    //returns sources and destinations
    public List<FlighPOJO> allPlaces() throws ClassNotFoundException,
SQLException {
        Connection con = AdminDbConnection.getConn();
```

```

        List<FlighPOJO> l= new ArrayList<FlighPOJO>();
        String sql = "SELECT destination,sourcePlace FROM flightdetails";
        PreparedStatement ps = con.prepareStatement(sql);
        ResultSet rs = ps.executeQuery();
        while(rs.next()) {
            FlighPOJO obj = new FlighPOJO();
            obj.setDestination(rs.getString(1));
            obj.setSource(rs.getString(2));
            l.add(obj);
        }
        con.close();
        rs.close();
        return l;
    }

    public List<String> retr_airlines() throws ClassNotFoundException,
SQLException{
        Connection con = AdminDbConnection.getConn();
        List<String> airline = new ArrayList<String>();
        String sql = "SELECT DISTINCT airline FROM flightdetails";
        PreparedStatement ps = con.prepareStatement(sql);
        ResultSet rs = ps.executeQuery();
        while(rs.next()) {
            airline.add(rs.getString(1));
        }
        return airline;
    }

    public List<FlighPOJO> retrieveAll() throws ClassNotFoundException,
SQLException{
        Connection con = AdminDbConnection.getConn();
        List<FlighPOJO> info = new ArrayList<FlighPOJO>();
        String sql = "SELECT * FROM flightdetails";
        PreparedStatement ps = con.prepareStatement(sql);
        ResultSet rs = ps.executeQuery();
        while(rs.next()) {
            FlighPOJO obj = new FlighPOJO();
            obj.setId(rs.getInt(1));
            obj.setAirline(rs.getString(2));
            obj.setSource(rs.getString(3));
            obj.setDestination(rs.getString(4));
            obj.setDateOfFlight(rs.getDate(5));
            obj.setPrice(rs.getDouble(6));
            info.add(obj);
        }
        con.close();
        rs.close();
        return info;
    }

    public List<FlighPOJO> fetch(FlighPOJO fp) throws ClassNotFoundException,
SQLException{
        Connection con = AdminDbConnection.getConn();
        List<FlighPOJO> pl = new ArrayList<FlighPOJO>();
        String sql = "SELECT * FROM flightdetails WHERE sourcePlace=? AND
destination = ? AND dateOfFlight=?";
        PreparedStatement ps = con.prepareStatement(sql);

```

```

        ps.setString(1, fp.getSource());
        ps.setString(2, fp.getDestination());
        ps.setDate(3, fp.getDateOfFlight());
        ResultSet rs = ps.executeQuery();
        while(rs.next()) {
            FlighPOJO obj = new FlighPOJO();
            obj.setId(rs.getInt(1));
            obj.setAirline(rs.getString(2));
            obj.setSource(rs.getString(3));
            obj.setDestination(rs.getString(4));
            obj.setDateOfFlight(rs.getDate(5));
            obj.setPrice(rs.getDouble(6));
            pl.add(obj);
        }

        return pl;
    }

    public FlighPOJO fetch1(String id) throws ClassNotFoundException,
SQLException {
        Connection con = AdminDbConnection.getConn();
        FlighPOJO fp = new FlighPOJO();
        String sql = "SELECT * FROM flightdetails WHERE ID=?";
        PreparedStatement ps= con.prepareStatement(sql);
        int Id = Integer.valueOf(id);
        ps.setInt(1, Id);
        ResultSet rs = ps.executeQuery();
        while(rs.next()) {
            fp.setId(rs.getInt(1));
            fp.setAirline(rs.getString(2));
            fp.setSource(rs.getString(3));
            fp.setDestination(rs.getString(4));
            fp.setDateOfFlight(rs.getDate(5));
            fp.setPrice(rs.getDouble(6));
            break;
        }
        return fp;
    }
}

```

AdminDAOConnection.java

```
package com.flyaway.admin;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

public class AdminDbConnection {

    public static final String DB_URL = "jdbc:mysql://localhost:3306/flight";
    public static final String USERNAME = "root";
    public static final String PASSWORD = "98765";

    public static Connection getConn() throws ClassNotFoundException,
SQLException{
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection con =
DriverManager.getConnection(DB_URL,USERNAME,PASSWORD);
        System.out.println("Connection Established");
        return con;
    }

}
```

AdminPOJO.java

```
package com.flyaway.admin;
```

```
public class AdminPOJO {
```

```
    private    String pass;  
    private    String admEmail;
```

```
    public String getPass() {  
        return pass;  
    }
```

```
    public String getadmEmail() {  
        return admEmail;  
    }
```

```
    public void setadmEmail(String admEmail) {  
        this.admEmail = admEmail;  
    }
```

```
    public void setPass(String pass) {  
        this.pass = pass;  
    }
```

```
}
```

FlighPOJO.java

```
package com.flyaway.admin;

import java.sql.Date;

public class FlighPOJO {
    private String airline;
    private String source;
    private String destination;
    private Date dateOfFlight;
    private int id;
    private double price;

    public int getId() {
        return id;
    }
    public void setId(int id) {
        this.id = id;
    }
    public String getAirline() {
        return airline;
    }
    public void setAirline(String airline) {
        this.airline = airline;
    }
    public String getSource() {
        return source;
    }
    public void setSource(String source) {
        this.source = source;
    }
    public String getDestination() {
        return destination;
    }
    public void setDestination(String destination) {
        this.destination = destination;
    }
    public Date getDateOfFlight() {
        return dateOfFlight;
    }
    public void setDateOfFlight(Date date) {
        this.dateOfFlight = date;
    }
    public double getPrice() {
        return price;
    }
    public void setPrice(double price) {
        this.price = price;
    }
}
```

Adminlogin.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Fly Away</title>
</head>
<body>
<h2>
Welcome Admin Please enter the details
</h2>
<form action='processing.jsp'>
User Name:<input type= "text" name="Auname">
Password:<input type= "password" name="Apass">
<input type= submit value= "sumbit">
</form>

</body>
</html>
```

adminOperatins.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Operations</title>
</head>
<body>
<form action="passwordReset.jsp">
<input type="submit" value="click to reset password">
</form>
<form action="places.jsp">
<input type="submit" value ="Sources And Destination">
</form>
<form action="airlines.jsp">
<input type="submit" value ="List of airlines">
</form>
<form action="retrieveAll.jsp">
<input type="submit" value ="List Everything">
</form>
</body>
</html>
```

airlines.jsp

```
<%@page import="com.flyaway.admin.*" %>
<%@page import="java.util.*" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
```

```

<title>Airlines</title>
</head>
<body>
<h2>List of Airlines</h2>
<table border="1">

<%AdminDAO dao=new AdminDAO();
List<String> l=(List<String>)dao.retr_airlines();
int i=1;
%>
<tr><th>Airlines</th></tr>
<%for(String s: l) { %>
<tr><td><%=s%></td></tr>
<%} %>
</table>

</body>
</html>

```

Booked.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>Ticket Booked</title>
</head>
<body>
<%
String source =(String)session.getAttribute("source");
out.println(source);
%>
</body>
</html>

```

bookingPortal.jsp

```

<%@ page import="java.util.List" %>
<%@ page import="java.sql.*" %>
<%@ page import="com.flyaway.admin.*" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Select the flight</title>
</head>
<body>

<%
//-----
//Customer details
String customerName = request.getParameter("cname");
session.setAttribute("cname", customerName);

```



```

String cemail = request.getParameter("cEmailId");
session.setAttribute("cemail", cemail);
String cphone = request.getParameter("CphoneNumber");
session.setAttribute("cphone", cphone);
//-----

//-----
//Logic to fetch the flights

Date date= (Date) session.getAttribute("date");
//out.println(date);

String source = (String) session.getAttribute("source");
String dest = (String) session.getAttribute("destination");
//out.println(date);
FlighPOJO fp1 = new FlighPOJO();
fp1.setSource(source);
fp1.setDateOfFlight(date);
fp1.setDestination(dest);
int id=1;

%>
<table border="1">

<%AdminDAO dao=new AdminDAO();
List<FlighPOJO> fp=(List<FlighPOJO>)dao.fetch(fp1);
%>
<tr><th>Airline</th><th>Source</th><th>Destination</th><th>Date</th><th>Price</th>
<th>Book</th></tr>
<%for(FlighPOJO f: fp) {
String Id = f.getId()+" ";
%>

<tr><td><%=f.getAirline() %></td><td><%=f.getSource()
%></td><td><%=f.getDestination() %></td><td><%=f.getDateOfFlight()
%></td><td><%=f.getPrice() %></td><td> <a href="<%=paymentGateway.jsp?id="+Id
%>">Book</a> </td></tr>
<%} %>
</table>

</body>
</html>

```

index.jsp

```

<%@page import="com.flyaway.admin.AdminDbConnection" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Welcome To FlyAway.com </title>
</head>
<body>
<h2>Fly Away</h2>

```

```

<form action="adminlogin.jsp">
<input type="submit" value="Admin Login" >
</form>

</form>
<form action="registration.jsp">
<br>

<br>
Source <input type="text" name="source">
Destination <input type="text" name="destination">
<br>
Number of Travelers <input type="text" name="passengers">
Date of Travel<input type="date" id="date" name="dateOfTravel">
<input type="submit" value="search">
<br>
</form>

</body>
</html>

```

passwordReset.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>password reset page</title>
</head>
<body>
<form action = 'passwordUpdate.jsp'>

Enter the new Password:<input type='password' name='newPasskey'>
Enter the new Password again<input type='password' name='newPasskey2'>
<input type='submit' value = 'reset password'>
</form>
</body>
</html>

```

passwordUpdate.jsp

```

<%@page import= "com.flyaway.admin.*" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>PasswordCheck</title>
</head>
<body>
<%
String npass = request.getParameter("newPasskey");
String npass1 = request.getParameter("newPasskey2");
String username = (String) session.getAttribute("Auname");
//out.println(username);

```

```

if(!(npass1.equals(npass))){

    out.println("password doesn't match");
}
else{
    AdminPOJO pj = new AdminPOJO();
    AdminDAO d = new AdminDAO();
    pj.setPass(npass);
    pj.setadmEmail(username);
    if(d.newPassSet(pj) !=0){
        response.sendRedirect("passwordUpdateSuccess.jsp");
    }
    else{
        out.println("Couldn't update");
    }
}
}

%>
</body>
</html>

```

PasswordUpdateSuccess.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
Successs!
</body>
</html>

```

paymentGateway.jsp

```

<%@ page import="com.flyaway.admin.*" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%String id = request.getParameter("id");
String name= (String) session.getAttribute("cname");
String e_mail = (String) session.getAttribute("cemail");
String phone = (String) session.getAttribute("cphone");
//out.println(id);
AdminDAO ad = new AdminDAO();
FlighPOJO f = ad.fetch1(id);
int np = (int) session.getAttribute("passengers");
session.setAttribute("passengers", np);
f.setPrice(f.getPrice()*np);
double price = f.getPrice();

```

```

session.setAttribute("price", price);
session.setAttribute("airline", f.getAirline());
//out.println(np);
%>
Name:<%out.println(name); %>
<br>
E-mail:<%out.println(e_mail); %>
<br>
phone:<%out.println(phone); %>
<table>
<tr><th>Airline</th><th>Source</th><th>Destination</th><th>Date</th><th>Total
Price</th><th>Number of passengers</th>
<tr><td><%=f.getAirline() %></td><td><%=f.getSource()
%></td><td><%=f.getDestination() %></td><td><%=f.getDateOfFlight()
%></td><td><%=f.getPrice() %></td><td><%=np %></td></tr>
</table>
<form action="transaction.jsp">
<input type="submit" value="pay">
</form>
</body>
</html>

```

places.jsp

```

<%@ page import="com.flyaway.admin.*" %>
<%@ page import="java.util.*" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>master list of places for source and destination</h1>
<table border="1">

<%AdminDAO dao=new AdminDAO();
List<FlighPOJO> fp=(List<FlighPOJO>)dao.allPlaces();
%>
<tr><th>Source</th><th>Destination</th></tr>
<%for(FlighPOJO f: fp) { %>
<tr><td><%=f.getSource() %></td><td><%=f.getDestination() %></td></tr>
<%} %>
</table>

</body>
</html>

```

processing.jsp

```

<%@ page import = "com.flyaway.admin.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>

```

```

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
String Uname =request.getParameter("Auname");
String Pass = request.getParameter("Apass");
AdminDAO dao = new AdminDAO();
AdminPOJO pojo = new AdminPOJO();
pojo.setadmEmail(Uname);
pojo.setPass(Pass);
if(dao.checkDb(pojo)==1){
    out.println("Welcome!");
    String redirectURL = "adminOperations.jsp";
    session.setAttribute("Auname", Uname);
    response.sendRedirect(redirectURL);
}
else{
    out.println("Please check your credentials");
}
%>

</body>
</html>

```

registration.jsp

```

<%@ page import= "java.text.SimpleDateFormat" %>
<%@ page import= "java.sql.Date" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Registration Page</title>
</head>
<body>
<%
String date =request.getParameter("dateOfTravel");

Date date1= Date.valueOf(date);
/*
SimpleDateFormat dateFormat = new SimpleDateFormat("MM-dd-yyyy");
Date parsed = dateFormat.parse();
out.println(parsed);*/
//out.println(date1);
String source = request.getParameter("source");
String dest = request.getParameter("destination");
String p =request.getParameter("passengers");
int passengers = Integer.valueOf(p);
session.setAttribute("date",date1);
session.setAttribute("source", source);
session.setAttribute("passengers", passengers);

```

```

session.setAttribute("destination",dest);

%>
<form action="bookingPortal.jsp">
Name:<input type="text" name="cname" >
<br>
E-mailId:<input type="text" name="cEmailId">
<br>
Phone Number:<input type="text" name="CphoneNumber">
<br>
<input type="submit" value="book">
</form>
</body>
</html>

```

retrieveall.jsp

```

<%@ page import="com.flyaway.admin.*" %>
<%@ page import="java.util.*" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Flight Details</title>
</head>
<body>

<h1>All Details</h1>
<table border="1">

<%AdminDAO dao=new AdminDAO();
List<FlightPOJO> fp=(List<FlightPOJO>)dao.retrieveAll();
%>
<tr><th>ID</th><th>Airline</th><th>Source</th><th>Destination</th><th>Date</th><th>
>Price</th></tr>
<%for(FlightPOJO f: fp) { %>
<tr><td><%=f.getId() %></td><td><%=f.getAirline() %></td><td><%=f.getSource()
%></td><td><%=f.getDestination() %></td><td><%=f.getDateOfFlight()
%></td><td><%=f.getPrice() %></td></tr>
<%} %>
</table>

</body>
</html>

```

transaction.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>Payment Portal</title>
</head>
<body>
<% %>

```

```

<form action="transactionSuccess.jsp">
Credit card number<input type="number" name="credit card number"
max=999999999999999999">
<br>
<br>
expiry date<input type="month" id="start" name="expiryDate">
<br>
<br>
Name on card:<input type="text" name="name on card">
<br>
<br>
CVV:<input type="number" name="CVV" min="1" max="999">
<br>
<br>
<input type="submit">
</form>

</body>
</html>

```

transactionSuccess.jsp

```

<%@ page import="java.sql.Date" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Transaction Success</title>
</head>
<body>
<h2>Transaction success</h2>
<h3>Booking Details</h3>

<%
String customerName= (String) session.getAttribute("cname");
Date date=(Date) session.getAttribute("date");
String source =(String) session.getAttribute("source");
int p= (int) session.getAttribute("passengers");
String dest =(String)session.getAttribute("destination");
String airline =(String)session.getAttribute("airline");
double cost = (double) session.getAttribute("price");
%>

<table>
<tr><th>name</th><th>Airline</th><th>number of
passengers</th><th>From</th><th>To</th><th>Date</th><th>Cost</th>
<tr><td><%=customerName %></td><td><%=airline %></td><td><%=p %></td><td><%=source
%></td><td><%=dest %></td><td><%=date %></td><td><%=cost %></td>
</table>
</body>

```