**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<FlighPOJO> fp=(List<FlighPOJO>)dao.retrieveAll();

%>

<**tr**><**th**>ID</**th**><**th**>Airline</**th**><**th**>Source</**th**><**th**>Destination</**th**><**th**>Date</**th**><**th**>Price</**th**></**tr**>

<%for(FlighPOJO 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**>