**Package - com.project.controller**

**adminairlines.java**

package com.project.controller;

import java.io.IOException;

import java.util.List;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.model.flight;

import com.project.utils.flyawayUtills;

@WebServlet("/adminairlines")

public class adminairlines extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util=new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}

}

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

List<flight> list=Util.getairlines();

request.setAttribute("airlinelist",list);

RequestDispatcher ds=request.getRequestDispatcher("/adminairlinelist.jsp");

ds.forward(request,response);

}

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

;

}

}

**admincheck.java**

package com.project.controller;

import java.io.IOException;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.utils.flyawayUtills;

@WebServlet("/admincheck")

public class admincheck extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util= new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}}

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

}

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

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

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

boolean check=Util.getadmincheck(username,password);

if(check) {

request.setAttribute("username", username);

request.setAttribute("password", password);

RequestDispatcher ds=request.getRequestDispatcher("/adminoptions.jsp");

ds.forward(request,response);

}

else {

request.setAttribute("message","Invalid Login");

RequestDispatcher ds=request.getRequestDispatcher("/admin.jsp");

ds.forward(request,response);

}

}

}

**adminflights.java**

package com.project.controller;

import java.io.IOException;

import java.util.List;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.model.flight;

import com.project.utils.flyawayUtills;

@WebServlet("/adminflights")

public class adminflights extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util=new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}}

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

List<flight> list=Util.getflights();

request.setAttribute("flightlist",list);

RequestDispatcher ds=request.getRequestDispatcher("/adminflightlist.jsp");

ds.forward(request,response);

}

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

}

}

**adminsourceanddestination.java**

package com.project.controller;

import java.io.IOException;

import java.util.List;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.model.flight;

import com.project.utils.flyawayUtills;

@WebServlet("/adminsourceanddestination")

public class adminsourceanddestination extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util=new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}

}

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

List<flight> list=Util.getsourceanddestination();

request.setAttribute("sdlist",list);

RequestDispatcher ds=request.getRequestDispatcher("/sdlist.jsp");

ds.forward(request,response);

}

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

} }

**bookflight.java**

package com.project.controller;

import java.io.IOException;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

//import com.project.model.flight;

import com.project.utils.flyawayUtills;

@WebServlet("/bookflight")

public class bookflight extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util=new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}

}

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

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

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

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

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

int age=Integer.parseInt(request.getParameter("age"));

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

int persons=Integer.parseInt(request.getParameter("persons"));

Util.addpassenger(fid,firstname,lastname,gender,age,email,persons);

request.setAttribute("persons", persons);

request.setAttribute("fid",fid);

request.setAttribute("flight",Util.getflight(fid));

request.setAttribute("pid",Util.getpassengerid(fid, firstname, lastname, gender, age, email,persons));

RequestDispatcher ds=request.getRequestDispatcher("/payment.jsp");

ds.forward(request,response);

}

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

doGet(request, response);

}

}

**changepwd.java**

package com.project.controller;

import java.io.IOException;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.utils.flyawayUtills;

@WebServlet("/changepwd")

public class changepwd extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util=new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}

}

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

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

boolean check=Util.setpwd(password);

if(check) {

request.setAttribute("msg","Password Changed Successfully..!!! Login Again");

RequestDispatcher ds=request.getRequestDispatcher("/admin.jsp");

ds.forward(request, response);}

}

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**displaydetails.java**

package com.project.controller;

import java.io.IOException;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.model.flight;

//import com.project.model.flight;

import com.project.utils.flyawayUtills;

@WebServlet("/displaydetails")

public class displaydetails extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util =new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}

}

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

int pid=Integer.parseInt(request.getParameter("pid"));

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

int persons=Integer.parseInt(request.getParameter("persons"));

flight flight1=Util.getpassenger(pid);

request.setAttribute("passenger",flight1);

flight flight2=Util.getflight(fid);

request.setAttribute("flight",flight2);

request.setAttribute("persons", persons);

RequestDispatcher ds=request.getRequestDispatcher("/displaydetails.jsp");

ds.forward(request,response);

}

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

}

}

**flightsearchservlet.java**

package com.project.controller;

import java.io.IOException;

import java.util.List;

import javax.annotation.Resource;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletConfig;

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 javax.sql.DataSource;

import com.project.model.flight;

import com.project.utils.flyawayUtills;

@WebServlet("/flightsearch")

public class flightsearchservlet extends HttpServlet {

private static final long serialVersionUID = 1L;

@Resource(name="jdbc/flyawayproject")

private DataSource datasource;

private flyawayUtills Util;

public void init(ServletConfig config) throws ServletException {

try {

Util=new flyawayUtills(datasource);

}catch(Exception e) {

throw new ServletException(e);

}

}

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

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

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

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

int persons=Integer.parseInt(request.getParameter("persons"));

if(source!=null&&destination!=null&&source!=destination) {

List<flight>flight=Util.getflight(source,destination,date,persons);

if(!flight.isEmpty()) {

request.setAttribute("persons",persons);

request.setAttribute("flight\_list",flight);

RequestDispatcher ds=request.getRequestDispatcher("/view\_flights.jsp");

ds.forward(request,response);

}

else {

request.setAttribute("message","Flights are not available on this date");

RequestDispatcher ds=request.getRequestDispatcher("/booking.jsp");

ds.forward(request,response);

}

}

else {

request.setAttribute("message","Select Valid source and destination");

RequestDispatcher ds=request.getRequestDispatcher("/booking.jsp");

ds.forward(request,response);

}

}

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**userregister.java**

package com.project.controller;

import java.io.IOException;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/userregister")

public class userregister extends HttpServlet {

private static final long serialVersionUID = 1L;

public userregister() {

}

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

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

int persons=Integer.parseInt(request.getParameter("persons"));

request.setAttribute("persons", persons);

request.setAttribute("fid",fid);

RequestDispatcher ds=request.getRequestDispatcher("/bookflight.jsp");

ds.forward(request,response); }

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

}

}

Package - com.project.model

**flight.java**

**package** com.project.model;

**public** **class** flight {

**private** **int** pid;

**public** String fid;

**private** String airline;

**private** String source;

**private** String destination;

**private** String date;

**private** **int** price;

**private** String firstname;

**private** String lastname;

**private** String gender;

**private** **int** age;

**private** String email;

**private** **int** persons;

**public** flight(String fid,String source,String destination,String date){

**this**.fid=fid;

**this**.source=source;

**this**.destination=destination;

**this**.setDate(date);

}

flight(String source,String destination,String date){

**this**.setSource(source);

**this**.setDestination(destination);

**this**.setDate(date);

}

**public** flight(String fid, String airline, String source, String destination, String date, **int** price,**int** persons) {

**this**.fid=fid;

**this**.airline=airline;

**this**.setSource(source);

**this**.setDestination(destination);

**this**.setDate(date);

**this**.price=price;

**this**.setPersons(persons);

}

**public** flight(**int** pid) {

**this**.pid=pid;

}

**public** flight(String firstname, String lastname, String gender, **int** age,String email,**int** persons) {

**this**.setFirstname(firstname);

**this**.setLastname(lastname);

**this**.setGender(gender);

**this**.setAge(age);

**this**.setEmail(email);

**this**.persons=persons;

}

**public** flight(String airline, String source, String destination, String date2, **int** price) {

**this**.airline=airline;

**this**.setSource(source);

**this**.setDestination(destination);

**this**.setDate(date);

**this**.price=price;

}

**public** flight(String source2, String destination2) {

**this**.source=source2;

**this**.destination=destination2;

}

**public** flight(String airline2) {

**this**.airline=airline2;

}

**public** flight(String fid2, String airline2, String source2, String destination2, String date2, **int** price2) {

// **TODO** Auto-generated constructor stub

}

**public** String getFid() {

**return** fid;

}

**public** **void** setFid(String fid) {

**this**.fid = fid;

}

**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** **int** getPrice() {

**return** price;

}

**public** **void** setPrice(**int** price) {

**this**.price = price;

}

**public** String getDate() {

**return** date;

}

**public** **void** setDate(String date) {

**this**.date = date;

}

**public** **int** getPid() {

**return** pid;

}

**public** **void** setPid(**int** pid) {

**this**.pid = pid;

}

/\*\*

\* **@return** the firstname

\*/

**public** String getFirstname() {

**return** firstname;

}

/\*\*

\* **@param** firstname the firstname to set

\*/

**public** **void** setFirstname(String firstname) {

**this**.firstname = firstname;

}

/\*\*

\* **@return** the lastname

\*/

**public** String getLastname() {

**return** lastname;

}

/\*\*

\* **@param** lastname the lastname to set

\*/

**public** **void** setLastname(String lastname) {

**this**.lastname = lastname;

}

/\*\*

\* **@return** the gender

\*/

**public** String getGender() {

**return** gender;

}

/\*\*

\* **@param** gender the gender to set

\*/

**public** **void** setGender(String gender) {

**this**.gender = gender;

}

**public** **int** getAge() {

**return** age;

}

**public** **void** setAge(**int** age) {

**this**.age = age;

}

**public** String getEmail() {

**return** email;

}

**public** **void** setEmail(String email) {

**this**.email = email;

}

**public** **int** getPersons() {

**return** persons;

}

**public** **void** setPersons(**int** persons) {

**this**.persons = persons;

}

}

Package- com.project.utils

**flyawayUtils.java**

package com.project.utils;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.List;

import javax.sql.DataSource;

import com.project.model.flight;

public class flyawayUtills {

List<flight> flights=new ArrayList<>();

private DataSource datasource;

public flyawayUtills(DataSource datasource) {

this.datasource=datasource;

}

private void close(Connection con,Statement stmt,ResultSet rs) {

try {

if(rs!=null) {

rs.close();

}

if(stmt!=null) {

stmt.close();

}

if(con !=null) {

con.close();

}

}catch(SQLException e) {

e.printStackTrace();

}

}

public List<flight> getflight(String source, String destination, String date,int persons) {

List<flight> flights=new ArrayList<>();

flight flight=null;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select \* from flight where source=? and destination=? and date=? and persons>=?";

stmt=con.prepareStatement(sql);

stmt.setString(1,source);

stmt.setString(2,destination);

stmt.setString(3,date);

stmt.setInt(4,persons);

ResultSet resultSet=stmt.executeQuery();

while(resultSet.next()) {

String fid=resultSet.getString("fid");

String airline=resultSet.getString("airline");

String source1=resultSet.getString("source");

String destination1=resultSet.getString("destination");

String date1=resultSet.getString("date");

int price =resultSet.getInt("price");

int persons1=resultSet.getInt("persons");

flight =new flight(fid,airline,source1,destination1,date1,price,persons1);

flights.add(flight);

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,rs);

}return flights;

}

public void addpassenger(String fid,String firstname, String lastname, String gender, int age,String email, int persons) {

Connection con=null;

PreparedStatement stmt=null;

try {

con=this.datasource.getConnection();

String sql = "insert into passenger(fid,firstname,lastname,gender,age,email,persons) values(?,?,?,?,?,?,?)";

stmt=con.prepareStatement(sql);

stmt.setString(1,fid);

stmt.setString(2,firstname);

stmt.setString(3,lastname);

stmt.setString(4,gender);

stmt.setInt(5,age);

stmt.setString(6,email);

stmt.setInt(7, persons);

stmt.executeUpdate();

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,null);

}

}

public int getpassengerid(String fid,String firstname, String lastname, String gender, int age,String email, int persons) {

//flight flight=null;

int pid=0;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select pid from passenger where fid=? and firstname=? and lastname=? and gender=? and age=? and email=? and persons=?";

stmt=con.prepareStatement(sql);

stmt.setString(1,fid);

stmt.setString(2,firstname);

stmt.setString(3,lastname);

stmt.setString(4,gender);

stmt.setInt(5,age);

stmt.setString(6,email);

stmt.setInt(7, persons);

rs=stmt.executeQuery();

if(rs.next()) {

pid=rs.getInt("pid");

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

//close(con,stmt,null);

}

return pid;

}

public flight getpassenger(int pid) {

flight flight=null;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select \* from passenger where pid=?";

stmt=con.prepareStatement(sql);

stmt.setInt(1,pid);

ResultSet resultSet=stmt.executeQuery();

while(resultSet.next()) {

String firstname=resultSet.getString("firstname");

String lastname=resultSet.getString("lastname");

String gender=resultSet.getString("gender");

int age=resultSet.getInt("age");

String email =resultSet.getString("email");

int persons=resultSet.getInt("persons");

flight =new flight(firstname,lastname,gender,age,email,persons);

flights.add(flight);

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,rs);

}return flight;

}

public flight getflight(String fid) {

flight flight=null;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select \* from flight where fid=?";

stmt=con.prepareStatement(sql);

stmt.setString(1,fid);

ResultSet resultSet=stmt.executeQuery();

while(resultSet.next()) {

String airline=resultSet.getString("airline");

String source=resultSet.getString("source");

String destination=resultSet.getString("destination");

String date=resultSet.getString("date");

int price =resultSet.getInt("price");

int persons=resultSet.getInt("persons");

flight =new flight(fid,airline,source,destination,date,price,persons);

flights.add(flight);

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,rs);

}

return flight;

}

public boolean getadmincheck(String username, String password) {

boolean check=false;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

String un=null;

String pwd=null;

try {

con=this.datasource.getConnection();

String sql = "select \* from admin";

stmt=con.prepareStatement(sql);

ResultSet resultSet=stmt.executeQuery();

while(resultSet.next()) {

un=resultSet.getString("username");

pwd=resultSet.getString("password");

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,rs);

}

if(un.equals(username)&&pwd.equals(password)) {

check=true;}

return check;

}

public boolean setpwd(String password) {

boolean check=false;

Connection con=null;

PreparedStatement stmt=null;

try {

con=this.datasource.getConnection();

String sql = "update admin set password=?";

stmt=con.prepareStatement(sql);

stmt.setString(1,password);

boolean s=stmt.execute();

System.out.println(s);

if(!s) {

check=true;

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,null);

}

return check;

}

public List<flight> getsourceanddestination() {

List<flight> flights=new ArrayList<>();

flight flight=null;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select distinct source,destination from flight";

stmt=con.prepareStatement(sql);

rs=stmt.executeQuery();

while(rs.next()) {

String source=rs.getString("source");

String destination=rs.getString("destination");

flight =new flight(source,destination);

flights.add(flight);

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,null);

}return flights;

}

public List<flight> getairlines() {

List<flight> flights=new ArrayList<>();

flight flight=null;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select distinct airline from flight";

stmt=con.prepareStatement(sql);

rs=stmt.executeQuery();

while(rs.next()) {

String airline=rs.getString("airline");

flight =new flight(airline);

flights.add(flight);

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,null);

}

return flights;

}

public List<flight> getflights() {

List<flight> flights=new ArrayList<>();

flight flight=null;

Connection con=null;

PreparedStatement stmt=null;

ResultSet rs=null;

try {

con=this.datasource.getConnection();

String sql = "select \* from flight order by date";

stmt=con.prepareStatement(sql);

ResultSet resultSet=stmt.executeQuery();

while(resultSet.next()) {

String fid=resultSet.getString("fid");

String airline=resultSet.getString("airline");

String source=resultSet.getString("source");

String destination=resultSet.getString("destination");

String date=resultSet.getString("date");

int price =resultSet.getInt("price");

int persons=resultSet.getInt("persons");

flight =new flight(fid,airline,source,destination,date,price,persons);

flights.add(flight);

}

}catch(SQLException e) {

e.printStackTrace();

}finally {

close(con,stmt,rs);

}

return flights;

}

}

Webapp

**admin.jsp**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Admin Login</title>

</head>

<body background=*'https://webcdn.infiniteflight.com/static/images/bg\_08.jpg'*>

<form action=*"admincheck"* method=*"post"*>

<br><br>

<center><br><br><br><br><br><br><br><br><font size=*"5"* color=*"red"*>Username

<input type=*"text"* name=*"username"*/> <br>

Password

<input type=*"text"* name=*"password"*/><br><br>

<input type=*"submit"* value=*"login"*/><br><br>

<b>${message}

<b>${msg}

<br><br><br><br><br><a href=*"home.html"* style="text-decoration:*none*"><font size=*"6"* color=*"black"*>Logout</font></a>

</center>

</form>

</body>

</html>

**adminairlinelist.jsp**

<%@ 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>Airline list</title>

</head>

<body background=*"https://img.freepik.com/free-vector/white-abstract-background\_23-2148806276.jpg"*>

<center>

<table>

<tr>

<th><font size=*"5"* color=*"darkred"*>Airline</font></th>

</tr>

<c:forEach var=*"airline"* items=*"*${airlinelist}*"*>

<tr>

<td><font size=*"5"*>${airline.airline}</font><br/></td>

</tr>

</c:forEach>

</table>

<br><a href=*"adminoptions.jsp"* style="text-decoration:*none*"><font size=*"4"*>Back</font></a>

</center>

</body>

</html>

**adminflightlist.jsp**

<%@ 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>Flight List</title>

</head>

<body background=*"https://img.freepik.com/free-vector/white-abstract-background\_23-2148806276.jpg"*>

<center>

<table>

<tr>

<th><font size=*"5"* color=*"darkred"*>Flight Id</font></th>

<th><font size=*"5"* color=*"darkred"*>Airline</font></th>

<th><font size=*"5"* color=*"darkred"*>Source</font></th>

<th><font size=*"5"* color=*"darkred"*>Destination</font></th>

<th><font size=*"5"* color=*"darkred"*>Date</font></th>

<th><font size=*"5"* color=*"darkred"*>Price</font></th>

</tr>

<c:forEach var=*"flight"* items=*"*${flightlist}*"*>

<tr>

<td><font size=*"5"*>${flight.fid}</font><br/></td>

<td><font size=*"5"*>${flight.airline}</font><br/></td>

<td><font size=*"5"*>${flight.source}</font></td>

<td><font size=*"5"*>${flight.destination}</font></td>

<td><font size=*"5"*>${flight.date}</font></td>

<td><font size=*"5"*>${flight.price}</font></td>

</tr>

</c:forEach>

</table>

<br><a href=*"adminoptions.jsp"* style="text-decoration:*none*"><font size=*"4"*>Back</font></a>

</center>

</body>

</html>

**adminoptions.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 options</title>

</head>

<body background=*'https://webcdn.infiniteflight.com/static/images/bg\_08.jpg'*>

<h1>Welcome</h1>

<a href=*"changepwd.jsp"* style="text-decoration:*none*"><font size=*"6"*>Change Password</a><br>

<a href=*"adminsourceanddestination"* style="text-decoration:*none*"><font size=*"6"*>List of source and destination</font></a><br>

<a href=*"adminairlines"* style="text-decoration:*none*"><font size=*"6"*>List of airlines</a><br>

<a href=*"adminflights"* style="text-decoration:*none*"><font size=*"6"*>List of flights</a><br><br>

<a href=*"admin.jsp"* style="text-decoration:*none*"><font size=*"6"* color=*"black"*>Back</font></a>

</body>

</html>

**bookflight.jsp**

<%@ 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>User Registration</title>

</head>

<body background=*"https://img.freepik.com/free-photo/white-cloud-sky-background\_74190-4646.jpg?w=2000"*>

<form action=*"bookflight"* method=*"get"*>

<center>

<h1>Registration</h1>

<h4>Enter details to register</h4>

<input type=*"hidden"* name=*"fid"* value=*"*${fid}*"*/>

<input type=*"hidden"* name=*"persons"* value=*"*${persons}*"*/>

<br><br><br><font size=*"5"*>Firstname :<input type=*"text"* name=*"firstname"* required/><br>

<br>Lastname :<input type=*"text"* name=*"lastname"* required/><br>

<br>Gender :

<select style="width:*165px*;height:*23px*" name=*"gender"* required>

<option></option>

<option value=*"Male"*>Male</option>

<option value=*"Female"*>Female</option>

</select>

<br><br>Age :<input type=*"number"* size=*"26"*name=*"age"* max=*"999"* onkeypress="if (this.value.length > 999) return false;" required/><br>

<br>Email :<input type=*"text"* name=*"email"* required/><br>

<br><br><input type=*"submit"* value=*"Register"*/>

</center>

</form>

</body>

</html>

**booking.jsp**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Check Flights</title>

</head>

<body background=*"https://webcdn.infiniteflight.com/static/images/bg\_08.jpg"*>

<h1><center>FlyAway</center></h1>

<h2><center>Airline Booking Portal</center></h2><br>

<h3>Check available flights</h3><font size=*"6"* color=*"red"*>

<form action=*"flightsearch"* method=*"get"*>

Date : <input name=*"date"* type=*"date"* required/>

Source :

<select name=*"source"* required>

<option></option>

<option value=*"Hyderabad"*>Hyderabad</option>

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

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

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

<option value=*"Banglore"*>Banglore</option>

</select>

Destination :

<select name=*"destination"* required>

<option></option>

<option value=*"Hyderabad"*>Hyderabad</option>

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

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

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

<option value=*"Banglore"*>Banglore</option>

</select>

Number of persons:

<input type=*"number"* name=*"persons"* required/>

<input type=*"submit"* value=*"check"*/>

</form>

${message}

<br><a href=*"home.html"* style="text-decoration:*none*"><font size=*"5"* color=*"black"*>Back</font></a>

</body>

</html>

**changepwd.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>Changing admin password</title>

</head>

<body background=*"https://img.freepik.com/free-vector/white-abstract-background\_23-2148806276.jpg"*>

<center>

<form action=*"changepwd"* method=*"get"*>

<h1>Change password</h1><br>

Enter the new password :<input type=*"text"* name=*"password"* required/>

<input type=*"submit"* value=*"submit"*/>

</form><br><br>

<a href=*"adminoptions.jsp"* style="text-decoration:*none*"><font size=*"4"* color=*"black"*>Back</font></a>

</center>

</body></html>

**displaydetails.jsp**

<%@ 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>Details</title>

</head>

<body background=*"https://img.freepik.com/free-vector/white-abstract-background\_23-2148806276.jpg"*>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"* rel=*"stylesheet"* integrity=*"sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"* crossorigin=*"anonymous"*>

<h2><font color=*"lightgreen"*>Payment Successfully....!!!</font></h2>

<h3>Passenger Details</h3>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Firstname</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${passenger.firstname}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Lastname</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${passenger.lastname}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Gender</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${passenger.gender}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Age</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${passenger.age}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Persons</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${persons}*"*>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Email</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${passenger.email}*"*>

</div>

</div>

<h3>Flight Details</h3>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Airline</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${flight.airline}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Source</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${flight.source}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Destination</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${flight.destination}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Date</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${flight.date}*"*>

</div>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Price for one ticket</label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${flight.price}*"*>

</div>

<div class=*"mb-3 row"*>

<label for=*"staticEmail"* class=*"col-sm-2 col-form-label"*>Total Price </label>

<div class=*"col-sm-10"*>

<input type=*"text"* readonly class=*"form-control-plaintext"* id=*"staticEmail"* value=*"*${persons\*flight.price}*"*>

</div>

</div>

<br>

<a href=*"booking.jsp"* style="text-decoration:*none*">Click to search more flights</a>

</body>

</html>

**home.html**

<!DOCTYPE html>

<html>

<head>

<title>Home page</title>

</head>

<body style=" background-repeat: *no-repeat*;

width: *99%*;

background-size: *cover*;" background=*'https://webcdn.infiniteflight.com/static/images/bg\_08.jpg'*>

<h1><center><font size=*"30"* color=*"red"*>FlyAway</font></center></h1>

<h2><center><font size=*"10"* color=*"red"*>Airline Booking Portal</font></center></h2><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>

<center><a href=*"booking.jsp"* style="text-decoration:*none*"><font size=*"6"* color=*"darkred"*>Flight Booking</font></a><br></center>

<center><a href=*"admin.jsp"* style="text-decoration:*none*"><font size=*"6"* color=*"darkred"*>Admin Login</font></a></center>

<h4><font size=*"4"*>Developed by<br>Seelam Sindhuja<br>EmpId:10840</font></h4>

</body>

</html>

**payment.jsp**

<%@ 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"*>

<meta charset=*"UTF-8"*>

<meta http-equiv=*"X-UA-Compatible"* content=*"IE=edge"*>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Payment page</title>

</head>

<body background=*"https://img.freepik.com/free-vector/white-abstract-background\_23-2148806276.jpg"*>

<link href=*"https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"* rel=*"stylesheet"* integrity=*"sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"* crossorigin=*"anonymous"*>

<center>

<h1>Payment Page</h1>

<h2>Flight Details</h2>

<font size=*"5"*>Airline :${flight.airline}<br>

<font size=*"5"*>Source:${flight.source}<br>

<font size=*"5"*>Destination:${flight.destination}<br>

<font size=*"5"*>Date:${flight.date}<br>

<font size=*"5"*>Price for one ticket:${flight.price}</font><br>

<font size=*"5"*>Total price:${persons\*flight.price}</font>

<h2>Enter details for payment</h2>

<form action=*"displaydetails"* method=*"get"*>

<br><font size=*"5"*>Bank account Number:<input type=*"text"* required/>

<br>

<br><font size=*"5"*>Card Holder Name :<input type=*"text"* required/><br>

<br><font size=*"5"*>cvv:<input type=*"number"* size=*"3"* maxlength=*"3"* onkeypress="if(this.value.length==3) return false;"required/><br>

<input type=*"hidden"* name=*"pid"*value=*"*${pid}*"*/>

<input type=*"hidden"* name=*"fid"* value=*"*${fid}*"*/><br>

<input type=*"hidden"* name=*"persons"* value=*"*${persons}*"*/><br>

<input style="width:*150px*"type=*"submit"* value=*"Click to pay"*/>

</form>

</center>

</body>

</html>

**sdlist.jsp**

<%@ 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>Source and destination list</title>

</head>

<body background=*"https://img.freepik.com/free-vector/white-abstract-background\_23-2148806276.jpg"*>

<center>

<table>

<tr>

<th><font size=*"5"* color=*"darkred"*>Source</th>

<th><font size=*"5"* color=*"darkred"*>Destination</th>

</tr>

<c:forEach var=*"sd"* items=*"*${sdlist}*"*>

<tr>

<td><font size=*"5"*>${sd.source}</font><br/></td>

<td><font size=*"5"*>${sd.destination}</font><br/></td>

</tr>

</c:forEach>

</table>

<br><a href=*"adminoptions.jsp"* style="text-decoration:*none*"><font size=*"4"*>Back</font></a>

</center>

</body>

</html>

**view\_flights.jsp**

<%@ 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>Available flights</title>

</head>

<body background=*"https://img.freepik.com/free-photo/white-cloud-sky-background\_74190-4646.jpg?w=2000"*>

<center><table><br><br><br><br>

<h1>Available Flights</h1>

<tr>

<th><font size=*"5"* color=*"darkred"*>Flight Id </font></th>

<th><font size=*"5"* color=*"darkred"*>Airline</font></th>

<th><font size=*"5"* color=*"darkred"*>Source</font></th>

<th><font size=*"5"* color=*"darkred"*>Destination</font></th>

<th><font size=*"5"* color=*"darkred"*>Date</font></th>

<th><font size=*"5"* color=*"darkred"*>Price</font></th>

</tr>

<c:forEach var=*"flight"* items=*"*${flight\_list}*"*>

<tr>

<td><font size=*"5"*>${flight.fid}</font><br/></td>

<td><font size=*"5"*>${flight.airline}</font><br/></td>

<td><font size=*"5"*>${flight.source}</font></td>

<td><font size=*"5"*>${flight.destination}</font></td>

<td><font size=*"5"*>${flight.date}</font></td>

<td><font size=*"5"*>${flight.price}</font></td>

<td><a href=*"userregister?fid=*${flight.fid}*&persons=*${persons}*"*style="text-decoration:*none*"><font size=*"5"*>Book</a></td>

</tr>

</c:forEach>

</table></center>

<br><br><center><a href=*"booking.jsp"* style="text-decoration:*none*"><font size=*"5"*>Back</a></center>

</body>

</html>