**Source code for FlyAway :**

**AdminHome.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 Home</title>

</head>

<body >

<br>

<a href=*HomePage.jsp* style="color:*black*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">FlyAway</a>

<br><br>

<center>

<h1>Insert New Flight Details</h1>

<div style="border:*3px solid black*;width:*25%*;border-radius:*20px*;padding:*20px*" align=*"center"*>

<form action=*InsertFlight* method=*post*>

<label for=*name*>Name :-</label> <input type=*"text"* name=*name* id=*name* /><br><br>

<label for=*from*>From :-</label> <input type=*"text"* name=*from* id=*from* /><br><br>

<label for=*to*>To :-</label> <input type=*"text"* name=*to* id=*to* /><br><br>

<label for=*departure*>Departure :-</label> <input type=*"date"* name=*departure* id=*departure* /><br><br>

<label for=*time*>Time :-</label> <input type=*"time"* name=*time* id=*time* /><br><br>

<label for=*price*>Price :-</label> <input type=*"text"* name=*price* id=*price* /><br><br>

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

</form>

</div>

</center>

<%

String message=(String)session.getAttribute("message");

**if**(message!=**null**){

%>

<p style="color:*silver*;"><%=message %></p>

<%

session.setAttribute("message", **null**);

}

%>

</body>

</html>

**AdminPage.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 Page</title>

</head>

<body >

<br>

<a href=*HomePage.jsp* style="color:*black*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">FlyAway</a>

<br><br>

<center>

<h2>Admin Login</h2>

<div style="border:*3px solid black*;width:*25%*;border-radius:*20px*;padding:*20px*" align=*"center"*>

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

<label for=*email*>Email :-</label> <input type=*"email"* name=*email* id=*email* /><br><br>

<label for=*pass*>Password :-</label> <input type=*"password"* name=*password* id=*pass* /><br><br>

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

</form>

</div>

</center><br>

<a href=*ForgotPassword.jsp* style="font-size:*25*;color:*red*;">Forgot Password</a>

<%

String message=(String)session.getAttribute("message");

**if**(message!=**null**){

%>

<p style="color:*silver*;"><%=message %></p>

<%

session.setAttribute("message", **null**);

}

%>

</body>

</html>

**BookFlight.jsp:**

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

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"java.util.\*"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<br>

<a href=*HomePage.jsp* style="color:*neon*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">Welcome to FlyAway</a>

<br><br>

<%

@SuppressWarnings("unchecked")

HashMap<String,String> user=(HashMap<String,String>)session.getAttribute("user");

**if**(user==**null**){

response.sendRedirect("UserPage.jsp");

}

%>

<a href=*"Payment.jsp"*><button>Proceed to Pay</a></button>

<!--<p align="center" style="color:green;font-size:40px;font-weight:bold">Flight Booked Successfully</p> -->

</body>

</html>

**FinalTicket.jsp:**

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

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"java.util.\*"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<body>

<a href=*HomePage.jsp* style="color:*neon*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">Welcome to FlyAway</a>

<h1>Booking done successfully..Happy Journey!!</h1>

<div class=*"container1"*>

<form>

<%

@SuppressWarnings("unchecked")

HashMap<String,String> user=(HashMap<String,String>)session.getAttribute("user");

%>

<h1 class=*"item"* style="color:*blue*;">Thank you <%=user.get("name")%> for booking with FlyAway !</h1>

<h1 class=*"item"*>Your AirTicket</h1>

<%

@SuppressWarnings("unchecked")

List<String[]> flights=(List<String[]>)session.getAttribute("flights");

%>

<table border=*"1"*>

<tr>

<th>PassengerName</th>

<th>FlightName</th>

<th>DepartureTime</th>

<th>Price</th>

</tr>

<%

**for**(String[] flight:flights){

%>

<tr>

<td><%=user.get("name")%>

<td><%=flight[0]%></td>

<td><%=flight[1]%></td>

<td><%=flight[2]%></td>

</tr>

</table>

<%

}

%>

<div ><input type=*"submit"* onclick="window.print()" value=*"Print ticket"* class=*"btn"* /></div>

</form>

</div>

</body>

</html>

**FlightList.jsp:**

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

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<%@ page import=*"java.util.\*"* %>

<html>

<head>

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

<title>Flight List</title>

</head>

<body >

<br>

<a href=*HomePage.jsp* style="color:*black*;text-decoration:*none*;font-size:*35px*;font-weight:*bold*;">FlyAway</a>

<br><br>

<%

@SuppressWarnings("unchecked")

List<String[]> flights=(List<String[]>)session.getAttribute("flights");

**if**(flights!=**null**){

%>

<h1>Available Flights</h1>

<center>

<table border=*"1"*>

<tr>

<th>Name</th>

<th>Time</th>

<th>Price</th>

</tr>

<%

**for**(String[] flight:flights){

%>

<tr>

<td><%=flight[0]%></td>

<td><%=flight[1]%></td>

<td><%=flight[2]%></td>

</tr>

</table>

</center>

<center><a href=*BookFlight.jsp*>Book Now</a> </center>

<%

}

%>

<%

}

**else**{

%>

<h1>There are no available flights</h1>

<%

}

%>

</body>

</html>

**ForgotPassword.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 >

<br>

<a href=*HomePage.jsp* style="color:*black*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">FlyAway</a>

<br><br>

<center>

<div style="border:*3px solid black*;width:*25%*;border-radius:*20px*;padding:*20px*" align=*"center"*>

<form action=*ForgotPassword* method=*post*>

<label for=*email*>Email :-</label> <input type=*"email"* name=*email* id=*email* /><br><br>

<label for=*pass*>New Password :-</label> <input type=*"password"* name=*password* id=*pass* /><br><br>

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

</form>

</div>

</center>

</body>

</html>

**HomePage.jsp:**

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

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h1>FlyAway</h1>

<div align=*"right"*>

<a href=*"AdminPage.jsp"*>Admin Login</a>

</div>

<%

@SuppressWarnings("unchecked")

HashMap<String,String> user=(HashMap<String,String>)session.getAttribute("user");

**if**(user!=**null**){

%>

<p>Welcome <%=user.get("name") %></p>

<a href=*"Logout"*>Logout</a>

<%

}**else**{

%>

<a href=*index.jsp*>User Login</a>

<%

}

%>

<br><br>

<center>

<div style="border:*5px solid black*;width:*25%*;border-radius:*20px*;padding:*20px*" align=*"center"*>

<form action=*FlightList* method=*post*>

<label for=*from*>From :-</label> <input type=*text* name=*from* id=*from*/><br><br>

<label for=*to*>To :-</label> <input type=*text* name=*to* id=*to*/><br><br>

<label for=*departure*>Departure :-</label> <input type=*date* name=*departure* id=*departure*/><br><br>

<label for=*travellers*>Travellers :-</label> <input type=*number* name=*travellers* id=*travellers*/><br><br>

<input type=*submit* value=*Search* /> <input type=*reset* />

</form>

</div>

</center>

</body>

</html>

**index.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 >

<br>

<a href=*HomePage.jsp* style="color:*black*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">FlyAway</a>

<br><br>

<center>

<h2>User Login</h2>

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

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

<table >

<tr>

<td><label for=*email*>Email</label><br></td>

<td><input type=*"email"* name=*email* id=*email* /></td>

</tr>

<tr>

<td><label for=*pass*>Password</label><br></td>

<td><input type=*"password"* name=*password* id=*pass* /></td>

</tr>

<tr>

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

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

</tr>

</table>

</form>

</div>

</center>

<br><br>

<i>New User-Create account</i>

<h4><a href=*UserRegistration.jsp* style="font-size:*25*;color:*red*;">Create Account</a></h4>

<%

String message=(String)session.getAttribute("message");

**if**(message!=**null**){

%>

<p style="color:*silver*;"><%=message %></p>

<%

session.setAttribute("message", **null**);

}

%>

</body>

</html>

**Payment.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>

<h1>One step away from flying away !!</h1>

<div class=*"container1"*>

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

<div class=*"item"* ><input type=*"text"* placeholder=*"Email id"* class=*"tb"* name=*"emailid"* /></div>

<div class=*"item"* ><input type=*"text"* placeholder=*"Name on Card"* class=*"tb"* name=*"nameoncard"* /></div>

<div class=*"item"* ><input type=*"text"* placeholder=*"Card Number"* class=*"tb"* name=*"cardnumber"* /></div>

<div class=*"item"* ><input type=*"text"* placeholder=*"CVV"* class=*"tb"* name=*"cvv"* /></div>

<div style="color:*white*; margin: *10px*; text-align:*center*;">Card Expiry Date</div>

<div class=*"item"* ><input type=*"date"* class=*"tb"* name=*"date"* /></div>

<div ><input type=*"submit"* value=*"Make Payment"* class=*"btn"* /></div>

</form>

</div>

</body>

</html>

**UserRegistration.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>

<br>

<a href=*HomePage.jsp* style="color:*black*;text-decoration:*none* ;font-size:*35px*;font-weight:*bold*;">FlyAway</a>

<br><br>

<center>

<div style="border:*3px solid black*;width:*25%*;border-radius:*20px*;padding:*20px*" align=*"center"*>

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

<label for=*email*>Email :-</label> <input type=*"email"* name=*email* id=*email* /><br><br>

<label for=*pass*>Password :-</label> <input type=*"password"* name=*password* id=*pass* /><br><br>

<label for=*name*>Name :-</label> <input type=*"text"* name=*name* id=*name* /><br><br>

<label for=*phno*>Phone No. :-</label> <input type=*"text"* name=*phno* id=*phno* /><br><br>

<label for=*adno*>Aadhaar No. :-</label> <input type=*"text"* name=*adno* id=*adno* /><br><br>

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

</form>

</div>

</center>

</body>

</html>

**Dao.java:**

**package** com.database;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** java.util.ArrayList;

**import** java.util.HashMap;

**import** java.util.List;

**import** com.service.StringUtil;

**public** **class** Dao {

**public** Connection con=**null**;

**public** Statement st=**null**;

**public** Dao() **throws** ClassNotFoundException, SQLException{

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

con=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/flyaway","root","Mohan@4635");

System.***out***.println("connection established with database");

st=con.createStatement();

}

**public** List<String[]> getAvailableFlights(String f, String t, String d) {

List<String[]> flights=**new** ArrayList<>();

String query="SELECT \* FROM flyaway.flights where fromf='"+f+"' and tof='"+t+"' and datef='"+d+"'";

**try** {

ResultSet rs=st.executeQuery(query);

**if**(rs.next()) {

String[] flight=**new** String[3];

flight[0]=rs.getString("name");

flight[1]=rs.getString("timef");

flight[2]=rs.getString("price");

flights.add(flight);

**return** flights;

}

} **catch** (SQLException e) {

e.printStackTrace();

}

**return** **null**;

}

**public** HashMap<String, String> checkUser(String email, String password) {

HashMap<String,String> user=**null**;

String query="select \* from user where email='"+email+"' and password='"+password+"'";

**try** {

ResultSet rs=st.executeQuery(query);

**if**(rs.next()) {

user=**new** HashMap<>();

user.put("name", rs.getString("name"));

user.put("email",rs.getString("email"));

user.put("phno",rs.getString("phno"));

user.put("adno",rs.getString("adno"));

}

**return** user;

} **catch** (SQLException e) {

e.printStackTrace();

}

**return** user;

}

**public** **boolean** insertUser(HashMap<String, String> user) {

String query="INSERT INTO user (email, password, name, phno, adno) values('"+user.get("email")+"','"+user.get("password")+"','"+user.get("name")+"','"+user.get("phno")+"','"+user.get("adno")+"')";

**try** {

st.execute(query);

**return** **true**;

} **catch** (SQLException e) {

e.printStackTrace();

}

**return** **false**;

}

**public** **boolean** checkAdmin(String email, String password) {

**try** {

ResultSet rs=st.executeQuery("select \* from admin where email='"+email+"' and password='"+password+"'");

**if**(rs.next())

**return** **true**;

} **catch** (SQLException e) {

e.printStackTrace();

}

**return** **false**;

}

**public** **boolean** changeAdminPassword(String email, String password) {

**try** {

ResultSet rs=st.executeQuery("select \* from admin where email='"+email+"'");

**if**(!rs.next()) {

**return** **false**;

}

st.execute("update admin set password='"+password+"' where email='"+email+"'");

**return** **true**;

} **catch** (SQLException e) {

e.printStackTrace();

}

**return** **false**;

}

**public** **boolean** insertFlight(HashMap<String, String> flight) **throws** SQLException {

//PreparedStatement stm=con.prepareStatement("INSERT INTO 'flyaway.flights' ('name', 'from', 'to', 'date', 'time', 'price') values(?,?,?,?,?,?)");

//String sql="INSERT INTO flights ('name','from','to','date','time','price') values('"+flight.get("name")+"','"+flight.get("from")+"','"+flight.get("to")+"','"+flight.get("date")+"','"+flight.get("time")+"','"+flight.get("price")+"');";

String query1 = "INSERT INTO flights (name, fromf, tof, datef, timef, price) VALUES" + " ('"

+ StringUtil.*fixSqlFieldValue*(flight.get("name")) + "'," + " '" + StringUtil.*fixSqlFieldValue*(flight.get("from")) + "'," + " '"

+ StringUtil.*fixSqlFieldValue*(flight.get("to")) + "'," + " '" + StringUtil.*fixSqlFieldValue*(flight.get("date")) + "'," + " '"

+ StringUtil.*fixSqlFieldValue*(flight.get("time")) + "'," + " '" + StringUtil.*fixSqlFieldValue*(flight.get("price")) + "')";

//String sql="INSERT INTO `flyaway`.`flights` (`name`, `fromf`, `tof`, `datef`, `timef`, `price`) VALUES ('indigo', 'hyd', 'viz', '2021-04-08', '10:00', '2000');";

System.***out***.println(flight.get("date"));

System.***out***.println(flight.get("time"));

//String query1="INSERT into flyaway.flights (name,from,to,date,time,price) values('indigo','hyd','viz','24-02-2022','10:30','2000')";

**try** {

//stm.execute();

st.execute(query1);

**return** **true**;

} **catch** (SQLException e) {

System.***out***.print("error");

e.printStackTrace();

}

**return** **false**;

}

}

**StringUtil.java:**

**package** com.service;

**public** **class** StringUtil {

**public** **static** String fixSqlFieldValue(String value) {

**if** (value == **null**) {

**return** **null**;

}

**int** length = value.length();

StringBuffer fixedValue = **new** StringBuffer((**int**)(length\*1.1));

**for**(**int** i = 0 ; i < length ;i++) {

**char** c = value.charAt(i);

**if** ( c == '\'') {

fixedValue.append("''");

}**else** {

fixedValue.append(c);

}

}

**return** fixedValue.toString();

}

**public** **static** String encodeHtmlTag(String tag) {

**if** (tag==**null**)

**return** **null**;

**int** length = tag.length();

StringBuffer encodedTag = **new** StringBuffer(2 \* length);

**for**(**int** i = 0 ; i < length;i++) {

**char** c = tag.charAt(i);

**if**(c=='<')

encodedTag.append("<");

**else** **if**(c=='>')

encodedTag.append(">");

**else** **if**(c=='&')

encodedTag.append("&amp;");

**else** **if**(c=='"')

encodedTag.append("&quot;");

**else** **if**(c==' ')

encodedTag.append("&nbsp;");

**else**

encodedTag.append(c);

}

**return** encodedTag.toString();

}

}

**AdminLogin.java:**

**package** com.Servlets;

**import** java.io.IOException;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** com.database.Dao;

/\*\*

\* Servlet implementation class AdminLogin

\*/

**public** **class** AdminLogin **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** AdminLogin() {

**super**();

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

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

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

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

**try** {

Dao dao=**new** Dao();

**if**(dao.checkAdmin(email,password)) {

response.sendRedirect("AdminHome.jsp");

}

**else** {

HttpSession session=request.getSession();

session.setAttribute("message", "Invalid Details");

response.sendRedirect("AdminPage.jsp");

}

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}

**FlightList.java:**

**package** com.Servlets;

**import** java.sql.SQLException;

**import** java.util.List;

**import** java.io.IOException;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** com.database.Dao;

/\*\*

\* Servlet implementation class FlightList

\*/

**public** **class** FlightList **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** FlightList() {

**super**();

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

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

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

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

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

**try** {

Dao dao = **new** Dao();

List<String[]> flights=dao.getAvailableFlights(from, to, departure);

HttpSession session=request.getSession();

session.setAttribute("flights", flights);

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

response.sendRedirect("FlightList.jsp");

}

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

response.sendRedirect("FinalTicket.jsp");

}

}

**ForgotPassword.java:**

**package** com.Servlets;

**import** javax.servlet.annotation.WebServlet;

**import** java.io.IOException;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** com.database.Dao;

@WebServlet("/ForgotPassword")

**public** **class** ForgotPassword **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

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

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

**try** {

Dao dao=**new** Dao();

HttpSession session=request.getSession();

**if**(dao.changeAdminPassword(email,password)) {

session.setAttribute("message", "Password Changed Successfully");

}

**else** {

session.setAttribute("message", "Invalid Details");

}

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

response.sendRedirect("AdminPage.jsp");

}

}

**InsertFlight.java:**

**package** com.Servlets;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** java.io.IOException;

**import** java.sql.SQLException;

**import** java.util.HashMap;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** com.database.Dao;

@WebServlet("/InsertFlight")

**public** **class** InsertFlight **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

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

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

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

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

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

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

HashMap<String,String> flight=**new** HashMap<>();

flight.put("name", name);

flight.put("from", from);

flight.put("to", to);

flight.put("date", departure);

flight.put("time", time);

flight.put("price", price);

**try** {

Dao dao=**new** Dao();

HttpSession session=request.getSession();

**if**(dao.insertFlight(flight)) {

session.setAttribute("message", "Flight Added Successfully");

}

**else** {

session.setAttribute("message", "Invalid Details");

}

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

System.***out***.print("error");

e.printStackTrace();

}

response.sendRedirect("AdminHome.jsp");

}

}

**Logout.java:**

**package** com.Servlets;

**import** javax.servlet.annotation.WebServlet;

**import** java.io.IOException;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

@WebServlet("/Logout")

**public** **class** Logout **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

HttpSession session=request.getSession();

session.setAttribute("user", **null**);

response.sendRedirect("HomePage.jsp");

}

}

**UserLogin.java:**

**package** com.Servlets;

**import** javax.servlet.annotation.WebServlet;

**import** java.io.IOException;

**import** java.sql.SQLException;

**import** java.util.HashMap;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** com.database.Dao;

@WebServlet("/UserLogin")

**public** **class** UserLogin **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

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

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

**try** {

Dao dao=**new** Dao();

HashMap<String,String> user=dao.checkUser(email,password);

HttpSession session=request.getSession();

**if**(user!=**null**) {

session.setAttribute("user", user);

response.sendRedirect("HomePage.jsp");

}

**else** {

session.setAttribute("message", "Invalid Details");

response.sendRedirect("index.jsp");

}

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}

**UserRegistration.java:**

**package** com.Servlets;

**import** javax.servlet.annotation.WebServlet;

**import** java.io.IOException;

**import** java.sql.SQLException;

**import** java.util.HashMap;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** com.database.Dao;

@WebServlet("/UserRegistration")

**public** **class** UserRegistration **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

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

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

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

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

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

HashMap<String,String> user=**new** HashMap<>();

user.put("email", email);

user.put("password", password);

user.put("name", name);

user.put("phno", phno);

user.put("adno", adno);

**try** {

Dao dao=**new** Dao();

**boolean** result=dao.insertUser(user);

HttpSession session=request.getSession();

**if**(result) {

session.setAttribute("message", "User Added Successfully");

}

**else** {

session.setAttribute("message","Invalid Details");

}

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

response.sendRedirect("index.jsp");

}

}

**Pom.xml:**

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

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>Phase2project</groupId>

<artifactId>Phase2project</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>war</packaging>

<name>Phase2project Maven Webapp</name>

<!-- FIXME change it to the project's website -->

<url>http://www.example.com</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.7</maven.compiler.source>

<maven.compiler.target>1.7</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.30</version>

</dependency>

<dependency>

<groupId>javax.servlet.jsp</groupId>

<artifactId>javax.servlet.jsp-api</artifactId>

<version>2.3.3</version>

<scope>provided</scope>

</dependency>

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>javax.servlet-api</artifactId>

<version>4.0.1</version>

<scope>provided</scope>

</dependency>

</dependencies>

<build>

<finalName>Phase2project</finalName>

<pluginManagement><!-- lock down plugins versions to avoid using Maven defaults (may be moved to parent pom) -->

<plugins>

<plugin>

<artifactId>maven-clean-plugin</artifactId>

<version>3.1.0</version>

</plugin>

<!-- see http://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin\_bindings\_for\_war\_packaging -->

<plugin>

<artifactId>maven-resources-plugin</artifactId>

<version>3.0.2</version>

</plugin>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

</plugin>

<plugin>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.1</version>

</plugin>

<plugin>

<artifactId>maven-war-plugin</artifactId>

<version>3.2.2</version>

</plugin>

<plugin>

<artifactId>maven-install-plugin</artifactId>

<version>2.5.2</version>

</plugin>

<plugin>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

</plugins>

</pluginManagement>

</build>

</project>

**Web.xml:**

<!DOCTYPE web-app PUBLIC

"-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"

"http://java.sun.com/dtd/web-app\_2\_3.dtd" >

<web-app>

<display-name>Archetype Created Web Application</display-name>

<servlet>

<servlet-name>AdminLogin</servlet-name>

<display-name>AdminLogin</display-name>

<description></description>

<servlet-class>com.Servlets.AdminLogin</servlet-class>

</servlet>

<servlet>

<servlet-name>FlightList</servlet-name>

<display-name>FlightList</display-name>

<description></description>

<servlet-class>com.Servlets.FlightList</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>AdminLogin</servlet-name>

<url-pattern>/AdminLogin</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>FlightList</servlet-name>

<url-pattern>/FlightList</url-pattern>

</servlet-mapping>

</web-app>