FLYAWAY PROJECT

Submitted by ManojKumar S

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GIT HUB link :

https://github.com/manojkumars17/FlyAway.git

Find : FlyAway Project

SOURCE CODE:

Index.jsp :

<!DOCTYPE html>

<html>

<head>

<title>FlyAway</title>

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

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

</head>

<body>

<div>

<a href=*"index.jsp"* >Fly Away</a>

<div >

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

</div>

</div>

<header >

<br>

<div >

Ready to FlyAway?<br>

Book International Flight Tickets at best prices

</div>

<div>

<p>

<br><br>

<a href=*"search-portal.jsp"*> Book Flights</a>

</p>

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

</div>

</header>

<div>

FlyAway by ManojkumarS

</div>

</body>

</html>

Login.jsp :

<%@ page import=*"Servlets.Login"*%>

<% Login.isLoggedIn = **false**; %>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title> Admin - Login FlyAway Airlines</title>

</head>

<body >

<div >

<a href=*"index.jsp"* >FlyAway</a>

<div>

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

</div>

</div>

<section>

<section >

<div >

<div >

<h2 ><b>Admin Login</b></h2>

<br>

</div>

</div>

<section>

<form action=*"login"* method=*"post"* class=*"form-container"*>

<div>

<label>Email address</label>

<input type=*"email"* name=*"emailEntered"* placeholder=*"Enter email"*>

<br>

<small>&nbsp;&nbsp;Email :<%=Login.email %></small>

</div>

<div >

<label>Password</label>

<input type=*"password"* name=*"passwordEntered"* placeholder=*"Password"*>

<br>

<small> Current Password :&nbsp;<%= Login.password %></small>

</div>

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

</form>

</section>

</section>

</section>

<div align=*"center"*>

FlyAway by ManojKumarS

</div>

</body>

</html>

Payment.jsp :

<%@ page import=*"Model.Booking"*%>

<%@ page import=*"Model.Search"*%>

<%

Booking.passenger\_name = request.getParameter("pname");

Booking.passenger\_email = request.getParameter("email");

Booking.passenger\_phone = request.getParameter("phone");

**if** (Booking.passenger\_name.equals("") || Booking.passenger\_email.equals("") || Booking.passenger\_phone.equals("")) {

out.println("Please enter valid passenger details");

} **else** {

%>

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>Payment Details - FlyAway Airlines</title>

</head>

<body>

<div >

<a href=*"index.jsp"* >FlyAway</a>

<div >

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

</div>

</div>

<section >

<section >

<div >

<div>

<h1>

<b>Checkout</b>

</h1>

<p ><strong>Enter Payment Details</strong></p>

<br>

</div>

</div>

<section >

<form action=*"*${pageContext.request.contextPath}*/thank-you.jsp"*

method=*"post"*class=*"form-container"*>

<div >

<label>Name on Card</label>

<input type=*"text"* name=*"name\_on\_card"* placeholder=*"Enter Name on Card"*>

</div>

<div >

<label >Card Number</label>

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

</div>

<br>

<p>

<span><strong>Total fare = <br>

<%=Booking.ticket\_price%> X <%=Search.persons%>

persons = Rs.<%=Booking.ticket\_price%>

</strong></span>

</p>

<button type=*"submit"* value=*"Submit"*>Confirm Payment</button>

</form>

</section>

</section>

</section>

</body>

<div class=*"footer"* align=*"center"*>FlyAway by ManojKumarS</div>

</html>

<%

}

%>

Admin-dashboard.jsp :

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

<%@page import=*"Servlets.Login"*%>

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>FlyAway Airlines</title>

</head>

<body>

<div >

<a href=*"index.jsp"* >FlyAway</a>

<div >

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

</div>

</div>

<%

**if** (Login.isLoggedIn) {

%>

<div >

<h2 >

<b>Admin Dashboard</b>

</h2>

<p>

<strong>

You are LoggedIn as : <%=Login.email%>.

Your Password is : <%=Login.password%>

</strong>

</p>

<br>

<br>

<div>

<div >

<form method=*"post"* action=*"*${pageContext.request.contextPath}*/change-password.jsp"*>

<button type=*"submit"*>ChangePassword</button>

</form>

</div>

<div >

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

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

</form>

</div>

</div>

</div>

<section >

<section >

<section>

<table >

<thead>

<tr>

<th >Flight ID</th>

<th >Name</th>

<th >Source</th>

<th >Destination</th>

<th >Day</th>

<th >Ticket Price</th>

</tr>

</thead>

<tbody>

<p>Flight Details :</p>

<br>

<%

String driverName = "com.mysql.cj.jdbc.Driver";

String connectionUrl = "jdbc:mysql://localhost:3306/Flight";

String userId = "root";

String password = "1234567manu";

**try** {

Class.forName(driverName);

System.out.println("connected driver");

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

}

Connection con = **null**;

Statement stmt = **null**;

ResultSet res = **null**;

**try** {

con = DriverManager.getConnection(connectionUrl, userId, password);

stmt = con.createStatement();

String sql = "SELECT \* FROM flight";

res = stmt.executeQuery(sql);

System.out.println("executed");

**while** (res.next()) {

%>

<tr>

<td><%=res.getInt("flight\_id")%></td>

<td><%=res.getString("name")%></td>

<td><%=res.getString("source")%></td>

<td><%=res.getString("destination")%></td>

<td><%=res.getString("days")%></td>

<td><%=res.getInt("ticket\_price") %>

</td>

</tr>

<%

}

} **catch** (Exception e) {

e.printStackTrace();

}

} **else** {

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

}

%>

</tbody>

</table>

</section>

</section>

</section>

<div class=*"footer"* align=*"center"*>

FlyAway by ManojkumarS</div>

</body>

</html>

Booking-details.jsp :

<%@page import=*"Model.Booking"*%>

<%

Booking.flight\_booking\_id = request.getParameter("flight\_id");//flight id

Booking.ticket\_price = request.getParameter("ticket\_price");// integer price

Booking.flight\_name = request.getParameter("name"); //flight name

%>

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>Booking Details - FlyAway Airlines</title>

</head>

<body>

<div >

<a href=*"index.jsp"*>Fly<span>Away</span></a>

<div >

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

</div>

</div>

<section >

<section >

<div >

<div >

<h1>

<b>Booking Details</b>

</h1>

<p>

<span><strong>Enter Passenger Details</strong></span>

</p>

<br>

</div>

</div>

<section>

<form action=*"*${pageContext.request.contextPath}*/payment.jsp"*

method=*"post"*class=*"form-container"*>

<div class=*"form-group"*>

<label for=*"pname"*>Passenger Name</label> <input type=*"text"*

class=*"form-control"* id=*"pname"* name=*"pname"*

placeholder=*"Enter name of the/any passenger(s)"*>

</div>

<div class=*"form-group"*>

<label for=*"email"*>Email address</label> <input type=*"email"*

name=*"email"* class=*"form-control"* id=*"email"*

aria-describedby=*"emailHelp"* placeholder=*"Enter email"*>

</div>

<div class=*"form-group"*>

<label for=*"phone"*>Phone</label> <input type=*"number"*

class=*"form-control"* id=*"phone"* name=*"phone"*

placeholder=*"Enter phone number"*>

</div>

<br>

<button type=*"submit"* class=*"btn btn-success btn-block"*

value=*"Submit"*>Submit</button>

</form>

</section>

</section>

</section>

<div class=*"footer"* align=*"center"*>FlyAway by ManojkumarS</div>

</body>

</html>

Change-password.jsp :

<%@ page import=*"Servlets.Login"*%>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>Change Password</title>

</head>

<body>

<div >

<a href=*"index.jsp"*>Fly<span

>Away</span></a>

<div >

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

</div>

</div>

<div >

<h2>

<b>New Password<b>

</h2>

<br> <br> <br>

<%**if** (Login.isLoggedIn) {%>

<form action=*"change-password"* method=*"post"*>

<div >

<label>New Password:</label> <br>

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

<br>

<small >Current email : &nbsp; <%=Login.email%></small><br>

<small >Current Password :&nbsp; <%=Login.password%></small>

</div>

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

</form>

<%

} **else** {

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

}

%>

</div>

<div class=*"footer"* align=*"center"*>FlyAway by ManojKumarS</div>

</body>

</html>

Search-result.jsp :

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

<%@ page import=*"Model.Search"*%>

<%

String driverName = "com.mysql.cj.jdbc.Driver";

String connectionUrl = "jdbc:mysql://localhost:3306/flight";

String userId = "root";

String password = "12334567manu";

String query = Search.getQuery();

**try** {

Class.forName(driverName);

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

}

Connection connection = **null**;

Statement statement = **null**;

ResultSet resultSet = **null**;

%>

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>Search Results - FlyAway Airlines</title>

</head>

<body>

<div >

<a href=*"index.jsp"* >FlyAway</a>

<div >

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

</div>

</div>

<div >

<h1 >

<strong>Search Results</strong>

</h1>

<p>

Showing available flights from : <br>

<%=Search.source%> to <%=Search.destination%> <br>

Date of travel : <%=Search.date%> (<%=Search.day%>) <br>

No of travellers : <%=Search.persons%> <br>

</p>

<table >

<thead>

<tr>

<th >ID</th>

<th >Flight</th>

<th>Source</th>

<th >Destination</th>

<th>Date</th>

<th >Ticket Price</th>

<th >Select</th>

</tr>

</thead>

<tbody>

<br>

<p >

<strong>Select a flight </strong>

</p>

<br>

<%

**try** {

connection = DriverManager.getConnection(connectionUrl, userId, password);

statement = connection.createStatement();

resultSet = statement.executeQuery(query);

**while** (resultSet.next()) {

%>

<tr>

<td><%=resultSet.getString("flight\_id")%></td>

<td><%=resultSet.getString("name")%></td>

<td><%=resultSet.getString("source")%></td>

<td><%=resultSet.getString("destination")%></td>

<td><%=Search.date%></td>

<td><%=resultSet.getString("ticket\_price")%></td>

<td>

<form

action=*"*${pageContext.request.contextPath}*/booking-details.jsp"*

method=*"post"*>

<input type=*"hidden"*name=*"name"* value=*"* <%=resultSet.getString("name")%>*"*>

<input type=*"hidden"* name=*"ticket\_price"* value=*"* <%=resultSet.getString("ticket\_price")%>*"*>

<input type=*"hidden"* name=*"flight\_id"* value=*"* <%=resultSet.getString("flight\_id")%>*"*>

<input type=*"submit"* value=*"Book This Flight"*>

</form>

</td>

</tr>

<%

}

} **catch** (Exception e) {

e.printStackTrace();

}

%>

</tbody>

</table>

</div>

<div align=*"center"*>FlyAway by ManojKumars</div>

</body>

</html>

Search-portal.jsp:

<%@page contentType=*"text/html;charset=UTF-8"* language=*"java"*%>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>FlyAway</title>

</head>

<body>

<div >

<a href=*"index.jsp"* >FlyAway</a>

<div>

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

</div>

</div>

<section>

<section >

<div >

<div >

<h2 >

<b> Ticket Booking <b>

</h2>

<br>

</div>

</div>

<section >

<form action=*"search"* > <!-- Servlets -->

<div >

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

<input type=*"date"* name=*"date"* placeholder=*"Travel Date.."*>

</div>

<div >

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

<select name=*"source"*>

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

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

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

</select>

</div>

<div >

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

<select name=*"destination"*>

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

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

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

</select>

</div>

<div>

<label for=*"persons"*>No of Persons</label>

<select name=*"persons"*>

<option value=*"1"*>1</option>

<option value=*"2"*>2</option>

<option value=*"3"*>3</option>

<option value=*"4"*>4</option>

<option value=*"5"*>5</option>

<option value=*"6"*>6</option>

</select>

</div>

<br>

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

</form>

</section>

</section>

</section>

<div class=*"footer"* align=*"center"*>FlyAway by ManojkumarS</div>

</body>

</html>

Thankyou.jsp:

<%@ page import=*"Model.Search"*%>

<%@ page import=*"Model.Booking"*%>

<%

Booking.name\_on\_card = request.getParameter("name\_on\_card");

Booking.card\_details = request.getParameter("card\_details");

**if** ( Booking.name\_on\_card.equals("") || Booking.card\_details.equals("")) {

out.println("Please enter valid card details");

}

%>

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<title>Thank You - FlyAway Airlines</title>

</head>

<body>

<div >

<a href=*"index.jsp"*>FlyAway</a>

<div >

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

</div>

</div>

<div >

<h1 >

<strong>THANK YOU </strong>

</h1>

<p>

<strong>Your ticket has been booked. <br>

The summary/details are as follows <br>

</strong>

</p>

<p>

<button onclick="window.print()">Print Ticket</button>

</p>

<br>

<h3>Ticket Summary :</h3><br>

<h3>

<strong>Traveling :</strong>&nbsp; <%=Search.source%> To <%=Search.destination%> <br> <br>

<strong>Date :</strong> &nbsp; <%=Search.date%><br><br>

<strong>Day:</strong>&nbsp;<%=Search.day%><br><br>

<strong>Booking ID :</strong>&nbsp;<%=Booking.flight\_booking\_id%><br><br>

<strong>Flight Name :</strong>&nbsp;<%=Booking.flight\_name%><br><br>

<strong>People :</strong> &nbsp;<%=Search.persons%>

</h3>

<br>

<br>

<h3>

<strong>Passenger Summary : </strong>

</h3>

<h3>

<strong>Name:</strong> &nbsp;

<%=Booking.passenger\_name%><br> <br>

<strong> Email :</strong>&nbsp;

<%=Booking.passenger\_email%><br> <br>

<strong>Phone No :</strong> &nbsp;

<%=Booking.passenger\_phone%><br><br>

</h3>

<br>

<h3>

<strong>Payment Summary : </strong>

</h3>

<h4>

<strong>Payment By:</strong>&nbsp; <%=Booking.name\_on\_card%><br><br>

<strong>Card No:</strong>&nbsp; <%=Booking.card\_details%>

</h4>

<br>

<h2>

<strong>Total Paid:&nbsp;

Rs.<%=Booking.ticket\_price%>

</strong>

</h2>

<br>

<br>

</div>

<div align=*"center"*>FlyAway by Manojkumar S</div>

</body>

</html>

Booking.java

**package** Model;

**public** **class** Booking {

// flight details

**public** **static** String *flight\_booking\_id*;

**public** **static** String *ticket\_price*;

**public** **static** String *flight\_name*;

// Booking details

**public** **static** String *passenger\_name*;

**public** **static** String *passenger\_email*;

**public** **static** String *passenger\_phone*;

// payment details

**public** **static** String *name\_on\_card*;

**public** **static** String *card\_details*;

}

ChangePassword.java:

**package** Servlets;

**import** java.io.IOException;

**import** java.io.PrintWriter;

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

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

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

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

**public** **class** ChangePassword **extends** HttpServlet {

@Override

**protected** **void** doPost (HttpServletRequest req, HttpServletResponse resp) **throws** IOException {

PrintWriter out = resp.getWriter();

String pass = req.getParameter("passwordEntered");

**if** (!Login.*isLoggedIn*){

out.println("You must login first");

}

**else** **if** (pass.equals("")){

out.println("Password can't be empty");

}

**else** **if** (Login.*isLoggedIn* && !pass.equals("")){

Login.*password* = pass;

out.println("Password changed. New Password is "+Login.*password*);

}

**else** {

out.println("Sorry, Something went wrong");

}

out.close();

}

}

Search.java:

**package** Model;

**public** **class** Search {

**public** **static** String *date*;

**public** **static** String *day*; //database

**public** **static** String *source*;//databse

**public** **static** String *destination*;//database

**public** **static** **int** *persons*; // 1,2,3,4,5,6,

**public** **static** String getQuery() {

**return**

"SELECT \* FROM FLIGHT WHERE source = '"+*source*+"' AND destination= '"+*destination*+"' AND days like '%"+*day*+"%'";

}

Login.java:

**package** Servlets;

**import** java.io.IOException;

**import** java.io.PrintWriter;

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

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

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

**public** **class** Login **extends** HttpServlet {

**public** **static** **boolean** *isLoggedIn* = **false**;

**public** **static** String *email* = "manuhunt@gmail.com";

**public** **static** String *password* = "manu";

@Override

**public** **void** doPost(HttpServletRequest req, HttpServletResponse resp) **throws** IOException {

PrintWriter out = resp.getWriter();

String emai = req.getParameter("emailEntered");

String pass = req.getParameter("passwordEntered");

**if** (emai.equals(Login.*email*) && pass.equals(Login.*password*)) {

*isLoggedIn* = **true**;

resp.sendRedirect("admin-dashboard.jsp");

} **else** {

*isLoggedIn* = **false**;

out.println("Login Failed : Incorrect email or Password");

}

out.close();

}

}

SearchServlet.java:

**package** Servlets;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.time.LocalDate;

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

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

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

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

**import** Model.Search;

**public** **class** SearchServlet **extends** HttpServlet {

@Override

**public** **void** service (HttpServletRequest req, HttpServletResponse resp) **throws** IOException {

Search.*date* = req.getParameter("date");

Search.*source* = req.getParameter("source");

Search.*destination* = req.getParameter("destination");

Search.*persons* = Integer.*parseInt*(req.getParameter("persons"));

**if** (Search.*date*.equals("")) {

PrintWriter out = resp.getWriter();

out.println("Please enter a valid date");

}

**else** {

Search.*day* = getDay(Search.*date*);

resp.sendRedirect("search-results.jsp");

}

}

**public** String getDay(String dateInp) {

LocalDate dt = LocalDate.*parse*(dateInp);

**return** dt.getDayOfWeek().toString();

}

}