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| **Flyaway**  **By**  **Venkatesan A** |

**Date of Submission :29/07/2022**

**Git hub link :**

[**https://github.com/PuttapakaSaikrishna/Flyaway/tree/master**](https://github.com/PuttapakaSaikrishna/Flyaway/tree/master)

**Source Code:**

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| **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>    </body>  </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/flyaway";  String userId = "root";  String password = "Root";  **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>    </body>  </html>  **Booking-detail.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>    </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>    </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>  <  </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>  </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"* > <!-- servlet -->  <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>    </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/flyaway";  String userId = "root";  String password = "Root";  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"*></div>  </body>  </html>  **Thank-you.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 Venkatesh</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*;    }  **Search.java**  **package** model;  **public** **abstract** **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*+"%'";  }  }  **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();  }  }  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 = "venkatsusi2398@gmail.com";  public static String password = "venkat";  @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();  }  }  **SerchServlet.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();  }  } |

**SCREEN SHOTS :**

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| --- |
| **HOME** |
| **SEARCHING FLIGHT** |
| **BOOKING DETAILS** |
| **SEARCH RESULTS** |
| **CHECKOUT** |
| **THANK YOU** |
| **ADMIN LOGIN** |
| **Admin Dashboard** |
| **CHANGE PASSWORD** |

**THANK YOU**