|  |
| --- |
| FlyAway  (An Airline Booking Portal)  (Source Code) |

|  |  |
| --- | --- |
| Author | Aman Kumar |
| Purpose | Sprint work with project specification with code |
| Date | 12/02/2022 |
| Version | 1.0 |

Version History:

**Project Code:**

**Booking.java:**

package model;

public class Booking {

    // flight details

    public static String flight\_booking\_id;

    public static int ticket\_price;

    public static String flight\_name;

    // passenger 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;

    public static String source;

    public static String destination;

    public static int persons;

    public static String getQuery() {

        return "SELECT \* FROM flight WHERE source = '"+source+"' AND destination='"+destination+"' AND days='"+day+"'";

    }

}

Changepassword.java

package servlets;

import javax.servlet.http.\*;

import java.io.\*;

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 javax.servlet.http.\*;

import java.io.IOException;

import java.io.PrintWriter;

public class Login extends HttpServlet {

    public static boolean isLoggedIn = false;

    public static String password = "Admin";

    public static String email = "admin@flyaway.com";

    @Override

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

        PrintWriter out = resp.getWriter();

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

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

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

            isLoggedIn = true;

            out.println("You have LoggedIn");

            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.\*;

import javax.servlet.http.\*;

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();

    }

}

**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>groupId</groupId>

    <artifactId>FlyAway</artifactId>

    <version>1.0-SNAPSHOT</version>

    <properties>

        <maven.compiler.source>11</maven.compiler.source>

        <maven.compiler.target>11</maven.compiler.target>

    </properties>

    <dependencies>

        <dependency>

            <groupId>org.apache.maven.plugins</groupId>

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

            <version>3.8.1</version>

        </dependency>

        <dependency>

            <groupId>mysql</groupId>

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

            <version>8.0.22</version>

        </dependency>

        <dependency>

            <groupId>org.hibernate</groupId>

            <artifactId>hibernate-core</artifactId>

            <version>5.4.21.Final</version>

        </dependency>

        <dependency>

            <groupId>jakarta.servlet</groupId>

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

            <version>5.0.0</version>

            <scope>provided</scope>

        </dependency>

    </dependencies>

</project>

**Add-Flight.JSP**

<!DOCTYPE html>

<html>

<head>

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

    <title>Add a new Flight - FlyAway Airlines</title>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

<div class="container">

    <h2 align="center"><span><strong>Add a new Flight</strong></span></h2>

    <br>

    <p align="center"><span><strong>Coming Soon</strong></span></p><br>

</div>

</body>

</html>

**admin-dashboard.jsp**

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

<%@page import="servlets.Login"%>

<%

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

    String connectionUrl = "jdbc:mysql://flyawaydb.cyp0rsmjgi5q.ap-south-1.rds.amazonaws.com:3306/";

    String dbName = "flyaway";

    String userId = "root";

    String password = "adminadmin";

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

//    String connectionUrl = "jdbc:mysql://remotemysql.com/";

//    String dbName = "XxYrWXRjWf";

//    String userId = "XxYrWXRjWf";

//    String password = "CcEE3g9IWg";

    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>FlyAway Airlines</title>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

<%

    if (Login.isLoggedIn) {

%>

<div class="container">

    <h2 align="center"><b>Admin Dashboard</b></h2>

    <p align="center"><span><strong>You are LoggedIn as : <%=Login.email%>. Your Password is : <%=Login.password%></strong></span></p><br>

    <br>

    <div class="row">

        <div class="col-lg-3 col-md-4 col-sm-6 mb-4">

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

                <button type="submit" class="btn btn-success mb-2 btn-block">Change Password</button>

            </form>&ensp;

        </div>

        <div class="col-lg-3 col-md-4 col-sm-6 mb-4">

            <form method="post" action="${pageContext.request.contextPath}/add-flight.jsp">

                <button type="submit" class="btn btn-success mb-2 btn-block">Add new Flight</button>

            </form>&ensp;

        </div>

        <div class="col-lg-3 col-md-4 col-sm-6 mb-4">

            <form method="post" action="${pageContext.request.contextPath}/show-bookings.jsp">

                <button type="submit" class="btn btn-success mb-2 btn-block">Previous bookings</button>

            </form>&ensp;

        </div>

        <div class="col-lg-3 col-md-4 col-sm-6 mb-4">

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

                <button type="submit" class="btn mb-2 btn-danger btn-block">Logout</button>

            </form>

        </div>

        <br>

    </div>

</div>

<section class="container-fluid">

    <section class="row justify-content-center">

        <section>

            <table class="table table-hover table-striped">

                <thead>

                <tr>

                    <th scope="col">Flight ID</th>

                    <th scope="col">Name</th>

                    <th scope="col">Source</th>

                    <th scope="col">Destination</th>

                    <th scope="col">Day</th>

                    <th scope="col">Ticket Price</th>

                </tr>

                </thead>

                <tbody>

                <p style="text-align:center;">

                    <img src="${pageContext.request.contextPath}/img/route.png" alt="route">

                </p>

                <p align="center"><span><strong> Flight Table (Database hosted at <a href="https://aws.amazon.com/rds/mysql/">AWS RDS for MySQL</a>)</strong></span></p>

                <%

                    try{

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

                        statement=connection.createStatement();

                        String sql ="SELECT \* FROM flight";

                        resultSet = statement.executeQuery(sql);

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

                    <td><%=resultSet.getString("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 Aman Kumar

</div>

</body>

</html>

**Booking-details.jsp**

<%@ page import="model.Booking" %>

<%

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

    Booking.ticket\_price = Integer.parseInt(request.getParameter("ticket\_price"));

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

%>

<!DOCTYPE html>

<html>

<head>

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

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

    <link rel="stylesheet" href="${pageContext.request.contextPath}/style/global.css">

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

    <section class="container-fluid bg">

        <section class="row justify-content-center">

            <div class="row">

                <div class="col">

                    <h1 align="center" style="color:whitesmoke;"><b>Booking Details</b></h1>

                    <p align="center" style="color:whitesmoke;"><span><strong>Enter Passenger Details</strong></span></p><br>

                </div>

            </div>

            <section class="col-sm-6 col-md-3">

                <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 Aman Kumar

</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>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

    <div class="container">

        <h1>Password Change</h1>

            <%

            if (Login.isLoggedIn) {

            %>

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

                    <div>

                        <label class="sr-only">Email address : admin@flyaway.com</label>

                    </div>

                    <div class="form-group mx-sm-3 mb-2">

                        <label for="inputPassword" class="sr-only">New Password</label>

                        <input type="password" name="passwordEntered" class="form-control" id="inputPassword" placeholder="Enter a new password">

                        <br><small id="passwordHelp" class="form-text text-muted">&nbsp;&nbsp; Current Password :&nbsp;<%= Login.password %></small>

                    </div>

                    <button type="submit" class="btn btn-info mb-2">Change Password</button>

                </form>

            <%

            }

            else {

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

            }

            %>

    </div>

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

    FlyAway by Aman Kumar

</div>

</body>

</html>

**Index.jsp**

<!DOCTYPE html>

<html>

<head>

    <title>FlyAway</title>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <meta charset="UTF-8">

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

    <link rel="stylesheet" href="${pageContext.request.contextPath}/style/global.css">

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

        .footer {

            position: fixed;

            left: 0;

            bottom: 0;

            width: 100%;

            background-color: #f5f5f5;

            color: #3b3b3b;

            text-align: center;

        }

    </style>

</head>

<body>

    <div class="w3-top">

        <div class="w3-bar w3-white w3-card" id="myNavbar">

            <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

            <div class="w3-right w3-hide-small">

                <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

            </div>

        </div>

    </div>

    <header class="bgimg-1 w3-display-container w3-grayscale-min" id="home">

        <br>

        <div class="w3-display-centre w3-text-white" style="padding:48px">

            <span class="w3-jumbo w3-hide-small">Ready to FlyAway?</span><br>

            <span class="w3-large">Book International Flight Tickets at best prices</span>

        </div>

        <div class="w3-display-left w3-text-white" style="padding:48px">

            <p><br><br><br><br><br><br><br><br><br><br><a href="/search-portal.jsp" class="w3-button w3-white w3-padding-large w3-large w3-margin-top w3-opacity w3-hover-opacity-on"><i class="fa fa-fighter-jet"></i>  Book Flights</a></p>

            <p><a href="/login.jsp" class="w3-button w3-white w3-padding-large w3-large w3-margin-top w3-opacity w3-hover-opacity-on"><i class="fa fa-gear"></i>   Admin Login</a></p>

        </div>

    </header>

    <div class="footer">

       FlyAway by Aman Kumar

    </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>

    <link rel="stylesheet" href="${pageContext.request.contextPath}/style/global.css">

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png">

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

    <section class="container-fluid bg">

        <section class="row justify-content-center">

            <div class="row">

                <div class="col">

                    <h2 align="center" style="color:whitesmoke;"><b>Login</b></h2>

                    <br>

                </div>

            </div>

            <section class="col-sm-6 col-md-3">

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

                    <div class="form-group mb-2">

                        <label for="inputEmail" class="sr-only">Email address</label>

                        <input type="email" name="emailEntered" class="form-control" id="inputEmail" aria-describedby="emailHelp" placeholder="Enter email">

                        <br><small id="emailHelp" class="form-text text-muted">&nbsp;&nbsp;Email : admin@flyaway.com</small>

                    </div>

                    <div class="form-group mx-sm-3 mb-2">

                        <label for="inputPassword" class="sr-only">Password</label>

                        <input type="password" name="passwordEntered" class="form-control" id="inputPassword" placeholder="Password">

                        <br><small id="passwordHelp" class="form-text text-muted">&nbsp;&nbsp; Current Password :&nbsp;<%= Login.password %></small>

                    </div>

                    <button type="submit" class="btn btn-success btn-block" value="Submit">Login</button>

                </form>

            </section>

        </section>

    </section>

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

    FlyAway by Aman Kumar

</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>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="${pageContext.request.contextPath}/style/global.css">

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

    <section class="container-fluid bg">

        <section class="row justify-content-center">

            <div class="row">

                <div class="col">

                    <h1 align="center" style="color:whitesmoke;"><b>Checkout</b></h1>

                    <p align="center" style="color:whitesmoke;"><span><strong>Enter Payment Details</strong></span></p><br>

                </div>

            </div>

           <section class="col-sm-6 col-md-3">

               <form action="${pageContext.request.contextPath}/thank-you.jsp" method="post" class="form-container">

                   <div class="form-group">

                       <label for="card\_details">Name on Card</label>

                       <input type="text" class="form-control" id="name\_on\_card" name="name\_on\_card" placeholder="Enter Name on Card">

                   </div>

                   <div class="form-group">

                       <label for="card\_details">Card Number</label>

                       <input type="number" class="form-control" id="card\_details" name="card\_details" placeholder="Enter Card Number">

                   </div>

                   <br>

                   <p align="left"><span><strong>Total fare = <br> <%=Booking.ticket\_price%> X <%=Search.persons%> persons = Rs.<%=Booking.ticket\_price\*Search.persons%></strong></span></p>

                   <button type="submit" class="btn btn-success btn-block" value="Submit">Confirm Payment</button>

               </form>

          </section>

        </section>

    </section>

</body>

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

    FlyAway by Aman Kumar

</div>

</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>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="${pageContext.request.contextPath}/style/global.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

<section class="container-fluid bg">

    <section class="row justify-content-center">

        <div class="row">

            <div class="col">

                <h2 align="center" style="color:whitesmoke;"><b>FlyAway <br> Ticket Booking</b></h2>

                <br>

            </div>

        </div>

        <section class="col-sm-6 col-md-3">

            <form action="search" class="form-container">

                <div class="form-group">

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

                    <input type="date"  class="form-control" id="date" name="date" placeholder="Travel Date..">

                </div>

                <div class="form-group">

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

                    <select  class="form-control" id="source" name="source">

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

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

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

                    </select>

                </div>

                <div class="form-group">

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

                    <select  class="form-control" id="destination" 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 class="form-control" id="persons" 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>

                    </select>

                </div>

                <br>

                <button type="submit" class="btn btn-success btn-block" value="Submit">Search Flights</button>

            </form>

        </section>

    </section>

</section>

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

    FlyAway by Aman Kumar

</div>

</body>

</html>

**Search-result.jsp**

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

<%@ page import="model.Search" %>

<%

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

    String connectionUrl = "jdbc:mysql://flyawaydb.cyp0rsmjgi5q.ap-south-1.rds.amazonaws.com:3306/";

    String dbName = "flyaway";

    String userId = "root";

    String password = "adminadmin";

    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>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

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    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

<div class="container">

    <h2 align="center"><span><strong>Search Results</strong></span></h2>

    <p align="center"><span><strong>

        Showing available flights from <%=Search.source%> to  <%=Search.destination%> <br>

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

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

    </p>

    <table class="table table-hover table-striped">

        <thead>

        <tr>

            <th scope="col">Flight</th>

            <th scope="col">Source</th>

            <th scope="col">Destination</th>

            <th scope="col">Date</th>

            <th scope="col">Ticket Price</th>

            <th scope="col">Select</th>

        </tr>

        </thead>

        <tbody>

        <br><p align="center"><span><strong>Select a flight</strong></span></p><br>

        <%

            try{

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

                statement=connection.createStatement();

                resultSet = statement.executeQuery(query);

                while(resultSet.next()){

        %>

        <tr bgcolor="#F5F5F5">

            <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" id="name" name="name" value="<%=resultSet.getString("name")%>">

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

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

                    <input type="submit" class="btn btn-success" value="Book This Flight">

                </form>

            </td>

        </tr>

        <%

                }

            } catch (Exception e) {

                e.printStackTrace();

            }

        %>

        </tbody>

    </table>

</div>

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

    FlyAway by Aman Kumar

</div>

</body>

</html>

**Show-bookings.jsp**

<!DOCTYPE html>

<html>

<head>

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

    <title>Past Bookings - FlyAway Airlines</title>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

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        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

<div class="container">

    <h2 align="center"><span><strong>Past Bookings</strong></span></h2>

    <br>

    <p align="center"><span><strong>Showing all bookings</strong></span></p><br>

</div>

    <h3 align="center"><span><strong>Coming Soon</strong></span></h3><br>

</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>

    <link rel = "shortcut icon" type = "image/png" href = "img/favicon.png" >

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <style>

        body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

        body, html {

            height: 100%;

            line-height: 1.8;

        }

        .bgimg-1 {

            background-position: center;

            background-size: cover;

            background-image: url("img/plane.png");

            min-height: 100%;

        }

        .w3-bar .w3-button {

            padding: 16px;

        }

    </style>

</head>

<body>

<div class="w3-bar w3-white w3-card" id="myNavbar">

    <a href="/index.jsp" class="w3-bar-item w3-button w3-wide"><img src="img/favicon.png" class="img-fluid" alt="image" width="18%">  FlyAway</a>

    <div class="w3-right w3-hide-small">

        <a href="/login.jsp" class="w3-bar-item w3-button"><i class="fa fa-gear"></i> Admin Login</a>

    </div>

</div>

    <div class="container">

        <h2 align="center"><span><strong>Thank You</strong></span></h2>

        <div align="center" class="col">

            <img src="img/favicon.png" class="img-fluid" alt="image">

        </div>

        <p align="center"><span><strong>Your ticket has been booked. The summary/details are as follows</strong></span></p>

        <p><button onclick="window.print()" class="btn btn-success btn-block" >Print Ticket</button></p>

        <br>

        <h3>Ticket Summary</h3>

        <h4><strong><%=Search.source%> to <%=Search.destination%> | <%=Search.date%> (<%=Search.day%>)</strong></h4>

        <p align="left"><%=Booking.flight\_booking\_id%> - <%=Booking.flight\_name%> (Travellers <%=Search.persons%>)</p><br>

        <br>

        <h3><strong>Passenger Summary</strong></h3>

        <h3>Booking Name-<%=Booking.passenger\_name%> | Email- <%=Booking.passenger\_email%> | Phone- <%=Booking.passenger\_phone%></h3>

        <br>

        <h3><strong>Payment Summary</strong></h3>

        <h4>Payment By-<%=Booking.name\_on\_card%> | Card No- <%=Booking.card\_details%></h4><br>

        <h2 align="right"><strong>Total Paid- Rs.<%=Search.persons\*Booking.ticket\_price%></strong></h2><br><br>

    </div>

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

    FlyAway by Aman Kumar

</div>

</body>

</html>