

FlyAway

(An Airline Booking Portal)

(Sprint work and Project specification)

Version History:

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Purpose	Sprint work with project specification with code
Date	12/02/2022
Version	1.0

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1. Modules in the Project

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- Show-bookings
- Thank you

2. Sprint Work wise:

Sprint Number	Modules
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2.	<ul style="list-style-type: none">➤ Add-Flight➤ Admin-dashboard➤ Booking Details➤ Change password➤ Index➤ Login
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3. Github link:

<https://github.com/amanlogin/MyPhase2Project>

4. 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"> 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"> 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>
    </div>
</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;">
      
    </p>
    <p align="center"><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"> 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 {

```



```

<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"> 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>
    <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><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"> 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>
    <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;&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;&nbsp;
Current Password :&nbsp;&nbsp;&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"> 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 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>
                </div>
            </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"> 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 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 {

```



```

        <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">
<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"> 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"> 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">
            
        </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>
        <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>
```