

**Fly Away Ticket Booking  
Portal**

**Developer: Sayra Bano**

**WELCOME TO FLY AWAY**

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# ***Fly Away Ticket Booking Portal***

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## **Project Specification and Sprint Work**

### **VERSION HISTORY**

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<b>Purpose</b>	<b>Project Specification and Sprint Work</b>

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## 1. GitHub Link

- Application Code and Version can be tracked in:

<https://github.com/sayrabano/Phase2-project>

## 2. Modules in the Project

### I. First Module for Passenger

- The first option is Homepage for the Booking Flights which will take user to entry page where user have to fill Following details:
  - Date of Travel
  - Source
  - Destination
  - Numbers of Persons
- After filling Above details Page will redirect to Available flight Details with Price Details.
- Once a person selects a flight to book, they will be taken to a registration page where they must fill in their details.
- After Registration page will redirect to payment gateway.
- After Completion of payment, a Thank Confirmation page will appear with the details of the booking.

### II. Second Module for Administration

- The first option is Homepage for the Admin Login which will take admin to Admin Dashboard page where the admin can perform some performs:
  - Admin can change their password.
  - Admin can Logout after logged in.
- A list of flights where each flight has a source, destination, airline, and ticket price.

### 3.Sprint Planning

S. No	Sprint Number	Modules Covered
1.	Sprint 1	<ul style="list-style-type: none"><li>— Home page /Module</li><li>— Admin Login page / Module</li><li>— Admin Dashboard / Module</li><li>— Change Password page/ Module</li><li>— Logout page / Module</li></ul>
2.	Sprint 2	<ul style="list-style-type: none"><li>— Search page / Module</li><li>— Search Result Module</li><li>— Register page / Module</li><li>— Payment gateway / Module</li><li>— Confirmation page / Module</li></ul>

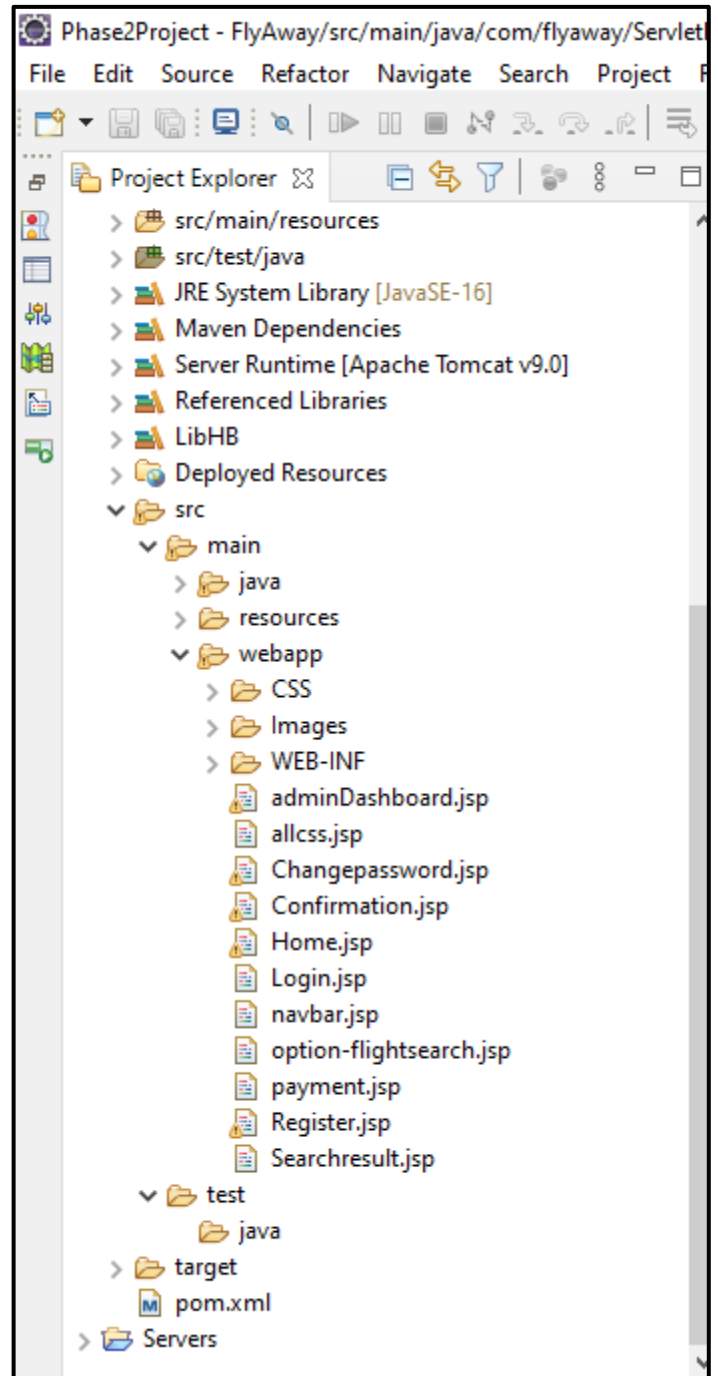
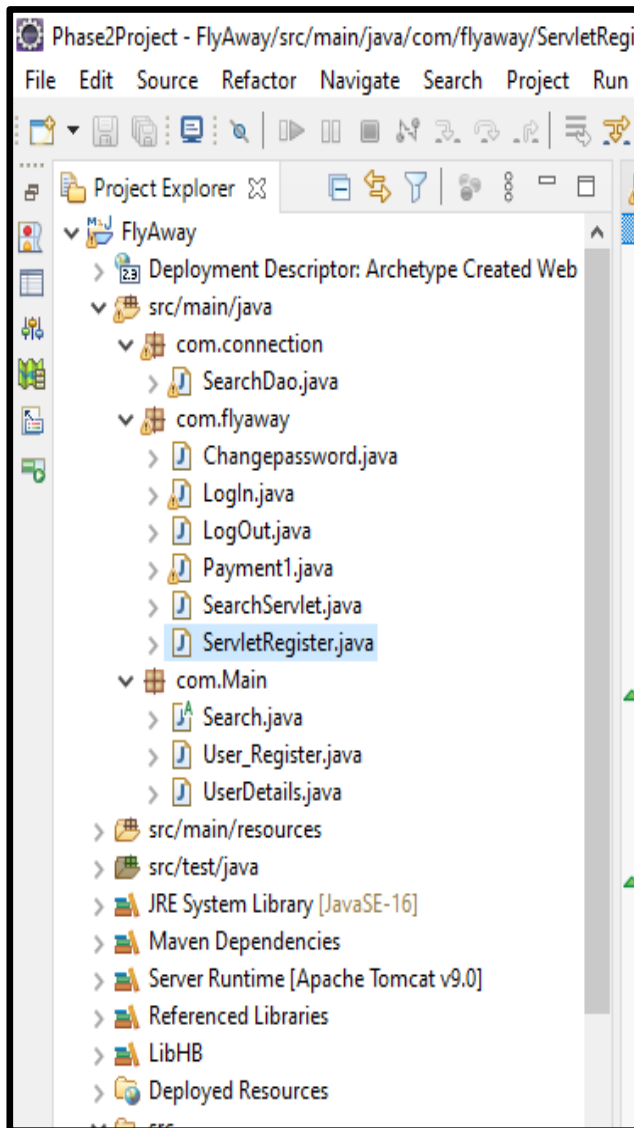
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3. JDBC
4. Core Java
5. Conditional Statement
6. Modularity
7. Naming Standard
8. Exception Handling
9. Servlet
- 10.JSP
- 11.CSS
- 12.Bootstrap
- 13.Control Structure

14.Object Orientation Programming

5.Project Code and programming details

## 5.1 Folder Structure





## 5.2 Creating new project in eclipse

There are two ways of Creating Project in eclipse. You can create project using with Dynamic web project and Maven.

Steps for creating Maven project in eclipse: -

- Open Eclipse.
- Click on File choose Maven project.
- After creating Add dependencies in pom.xml file.
- [Right click] on src/main/java folder and create Servlet.
- Creating Jsp and CSS file: - right click on src -> right click on ->webapp and create .jsp file.
- [Right click] on webapp and create CSS folder and then create CSS file.

## 5.3 com. Connection

### 5.3.1 SearchDao

```
package com.connection;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

public class SearchDao {

    //Initializing Connection variables
    private String dbUrl = "jdbc:mysql://localhost:3306/flyaway";
    private String dbUname = "root";
    private String dbPassword = "say123";
    private String dbDriver = "com.mysql.cj.jdbc.Driver";
```

```

// loading the Driver
public void loadDriver(String dbDriver) {
    try {
        Class.forName(dbDriver);
    } catch (ClassNotFoundException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}

//Creating Connection
public Connection getConnection()
{
    Connection con = null;
    try {
        con = DriverManager.getConnection(dbUrl, dbDriver,
dbPassword);

    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }

    return con;
}
}

```

## **5.4 com.flyaway**

### **5.4.1 Changepassword.java**

```

package com.flyaway;

import java.io.IOException;

```

```

import java.io.PrintWriter;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

//Servlet for ChangePassword Field.....
public class Changepassword extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void service(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
        //creating object for printWriter method ...

        PrintWriter out = response.getWriter();
        //Getting parameter for password field

        String newpass= request.getParameter("user_password");

        //Declaring Condition to Validate NewPassword .....

        if (newpass.equals("")){
            out.println("Password can't be empty");
        }
        else if (LogIn.isLoggedin && !newpass.equals("")){
            LogIn.password = newpass;

            out.println("Password has been changed Successfully. New
Password is "+LogIn.password);
        }
        else {
            out.println("Oops, Something went wrong ! Try again");
        }
        //Closing out method

```

```

        out.close();
    }

    protected void doPost(HttpServletRequest request,
        HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);
    }
}

```

### 5.4.2 Login.java

```

package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
//AdminLogin Servlet....
public class Login extends HttpServlet {
    //Initializing or Declaring Variables for Admin log in Page...
    private static final long serialVersionUID = 1L;
    public static String username = "Admin";
    public static String password = "1234";
    public static boolean isLoggedin = false;
}

```

```

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

    //creating object for printWriter method ...

    PrintWriter out = response.getWriter();
    //out.println("hello welcome");

    //Fetching parameters
    String username = request.getParameter("user_name");
    String password = request.getParameter("user_password");

    //Declaring Condition for Login Validation .....
    if (username.equals(Login.username) &&
password.equals(Login.password)) {

        isLoggedIn = true;

        HttpSession session = request.getSession();
        request.setAttribute("password", password);
        response.sendRedirect("adminDashboard.jsp");
        System.out.println("You have LoggedIn");
    }

    else {
        isLoggedIn = false;
        out.println("You have Entered Wrong username or password
! Try Again");
    }
    //Closing out method
    out.close();

}

```

```
}
```

### 5.4.3 Logout.java

```
package com.flyaway;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

//Servlet for Logout
public class LogOut extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
        // TODO Auto-generated method stub

        //Creating HttpSession Object to Remove Attribute for Logout ...
        HttpSession session = request.getSession();
        session.removeAttribute("password");
        session.invalidate(); response.sendRedirect("Home.jsp");

    }
}
```

### 5.4.4 Payment1.java

```
package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

//Servlet for PaymentMode..
public class Payment1 extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        //creating object for printWriter method ...
        PrintWriter out = response.getWriter();

        //Fetching parameters
        String Accountno = request.getParameter("Accountno");
        String Accountholder = request.getParameter("Accountholder");
        String cardno = request.getParameter("cardno");
        String cvr = request.getParameter("cvr");

        //Declaring Coditions....

        if(Accountno.equals("")||Accountholder.equals("")|cardno.equals("")||cvr.e
quals("")) {
            out.println("Please Fill Payment Details First!");
        }
    }
}
```

```

        RequestDispatcher rd =
request.getRequestDispatcher("Thankyou.jsp");

        }
        else {
            response.sendRedirect("Confirmation.jsp");
        }

        out.close();

    }

}

```

### **5.4.5 SearchServlet.java**

```

package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;
import java.time.LocalDate;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import com.Main.Search;

// SearchServlet ...
public class SearchServlet extends HttpServlet {

    private static final long serialVersionUID = 1L;

```



```
protected void service(HttpServletRequest req, HttpServletResponse resp)
throws ServletException, IOException {
```

```
    //Fetching parameters for Searching data...
```

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

```
    Search.origin = req.getParameter("source");
```

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

```
    Search.persons =
```

```
Integer.parseInt(req.getParameter("persons"));
```

```
    //Conditions for Getting data from Database Table;
```

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

```
        PrintWriter out = resp.getWriter();
```

```
        out.println("<h1 >Date can not be Empty ! choose valid  
option|</h1>");
```

```
    }
```

```
    else {
```

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

```
        resp.sendRedirect("Searchresult.jsp");
```

```
    }
```

```
}
```

```
    // Declaring Date method...
```

```
    public String getDay(String dateInp) {
```

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

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

```
    }
```

```
}
```

### 5.4.6 ServletRegister

```
package com.flyaway;

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

//Servlet for PassengerRegistration ....
public class ServletRegister extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

    }

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

        doGet(request, response);
        //creating object for printWriter method ...

        PrintWriter out = response.getWriter();
        response.setContentType("text/jsp");
```

```

//Getting Parameters...
String first_name = request.getParameter("fname");
String last_name = request.getParameter("lname");
String email = request.getParameter("email");
String mobile_no = request.getParameter("mobile");
String address = request.getParameter("address");

System.out.println(first_name+" "+last_name+"
"+mobile_no+" "+address);

//address Conditions...

if(first_name.equals("")||last_name.equals("")||email.equals("")||mobile_no
.equals("")||address.equals(""))
{
    out.print("Please Enter valid Passengers Details..");
}
else {
    response.sendRedirect("payment.jsp");
}

}
}

```

## 5.5 Com.Main

### 5.5.1 Search

```

package com.Main;

public abstract class Search {

    //Search Abstract class...

    // initializing Variables...

```

```

    public static String date;
    public static String day;
    public static String origin;
    public static String destination;
    public static int persons;

    //Creating SqlQuery to Fetch Data....
    public static String getQuery() {
        return "SELECT * FROM flight_list WHERE Origin = '"+origin+"'
AND Destination='"+destination+"' AND day='"+day+"'";
    }

}

```

```

package com.Main;

//Simple pojo class for User/Paseenger...
public class User_Register {
    @Override
    public String toString() {
        return "User_Register [id=" + id + ", first_name=" + first_name + ",
last_name=" + last_name + ", email="
        + email + ", mobile_no=" + mobile_no + ", address="
+ address + "]";
    }

    private int id;

    public User_Register() {
        super();
        // TODO Auto-generated constructor stub
    }

    public User_Register(int id, String first_name, String last_name, String
email, String mobile_no, String address) {
        super();
    }
}

```

```
        this.id = id;
        this.first_name = first_name;
        this.last_name = last_name;
        this.email = email;
        this.mobile_no = mobile_no;
        this.address = address;
    }
    public int getId() {
        return id;
    }
    public void setId(int id) {
        this.id = id;
    }

    private String first_name;

    private String last_name;


    private String email;

    private String mobile_no;

    private String address;
    public String getFirst_name() {
        return first_name;
    }
    public void setFirst_name(String first_name) {
        this.first_name = first_name;
    }
    public String getLast_name() {
        return last_name;
    }
    public void setLast_name(String last_name) {
        this.last_name = last_name;
    }
    public String getEmail() {
        return email;
    }
}
```

```

    public void setEmail(String email) {
        this.email = email;
    }
    public String getMobile_no() {
        return mobile_no;
    }
    public void setMobile_no(String mobile_no) {
        this.mobile_no = mobile_no;
    }
    public String getAddress() {
        return address;
    }
    public void setAddress(String address) {
        this.address = address;
    }
}

```

### 5.5.2 UserDetails.java

```

package com.Main;

public class UserDetails {

    //Passenger Related all Details or Variables...

    // flight details

    public static int ticket_price;
    public static String Flight_name;

    //payments details
    public static String Accountno;
    public static String Accountholder;
    public static String cardno;
    public static String cvr ;
}

```

```
//User Details
public static String first_name;
public static String last_name;
public static String email;
public static String mobile_no;
public static String address;

}
```

## 5.6 JSP Pages

### 5.6.1 Home.jsp

```
<!doctype html>
<html lang="en">
<head>

<title>Home</title>

<link rel="stylesheet" href="CSS/style1.css" />

<% @include file="allcss.jsp" %>
</head>
<body>


        <nav class="navbar navbar-expand-lg navbar-light bg-custom"
id="navbar">
```

```
        <a class="navbar-brand" id="tag">FlyAway Ticket Booking</a>
```

```
        <div class="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto">
```

```
                <li class="nav-item"><a class="nav-link"
href="option-flightsearch.jsp"><i
                                class="fa fa-fighter-jet"></i> Book Flight
                                </a></li>
```

```
                <li class="nav-item"><a href="Login.jsp" class="nav-
link"><i
                                class="fa fa-gear"></i> Admin
                                Login</a></li>
```

```
            </ul>
            <div id="gear">
                <a href="Login.jsp" class="link"><i class="fa fa-
gear"></i>
```

```
                Admin Login</a>
```

```
            </div>
```

```
        </div>
```

```
    </nav>
```



```

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXa
Rkfj"
    crossorigin="anonymous"></script>
<script
    src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.bundle
.min.js"
    integrity="sha384-
Piv4xVNRyMGpqs2by6br4gNJ7DXjqk09RmUpJ8jgGtD7zP9yug3goQfGII0yAn
s"
    crossorigin="anonymous"></script>

<section class="sec"></section>
<div class="h1">
<h1>Welcome</h1>
<h1>To International Online Flight </h1>
<h1>Booking Portal</h1>

</div>
</body>
</html>

```

## 5.6.2 Login.jsp

```

<% @page import="com.flyaway.LogIn" %>

<html lang="en">
<head>

<title>Login</title>

<% @include file="allcss.jsp" %>

```

```

<link rel="stylesheet" href="CSS/Style4.css" />
<% @ include file="navbar.jsp" %>

</head>
<body>

    <div class="contain">
        <div class="row -">
            <div class="col-md-4-ooffset-md-4">
                <div class="card">
                    <div class="card-header text-center c-head"
id="head">
                        <i class="fa fa-user-circle-o fa-2x"></i>
                        <h3>Admin</h3>
                    </div>
                    <div class="card-body">
                        <form action="login" method="post">

                            <div class="form-group">
                                <label
for="exampleInputusername">Enter User Name</label> <input
                                type="text"
                                name="user_name" class="form-control" id="exampleInputusername"
                                aria-
                                describedby="usernameHelp">
                                    <span>Current
Username : <%=LogIn.username %></span><br><br>

                                </div>
                                <div class="form-group">
                                    <label
for="exampleInputPassword1">Enter Password</label> <input
                                    type="password"
                                    name="user_password" class="form-control" id="exampleInputPassword1">

```

```

<span>Current
Password : <%=LogIn.password %></span><br>

</div>

<button type="submit" class="btn
btn-primary btn-block badge--pill">Sign In</button>
</form>

</div>
</div>

</div>

</div>

</div>

</body>
</html>

```

### 5.6.3 Search-Flight.jsp

```
<% @ page contentType="text/html; charset=UTF-8" language="java"%>
<% @ page import=" com.Main.Search" %>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
<title>Search Flight</title>
```

```
<% @include file="allcss.jsp" %>
```

```
<link rel="stylesheet" href="CSS/Style5.css" />
</head>
<body>
```

```
    <% @ include file="navbar.jsp" %>
```

```
    <section class="col-md-6 col-md-4" id="form">
```

```
        <form action="SearchServlet" class="form-container">
```

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

```
                <label for="source">Origin</label> <select
class="form-control"
```

```
                    id="source" name="source">
```

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

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

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

```
                        <option value="Dubai">Dubai</option>
```

```
                    </select>
```

```
            </div>
```

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

```

        <label for="destination">Destination</label> <select
            class="form-control" id="destination"
name="destination">
            <option value="UK">UK</option>
            <option value="USA ">USA</option>
            <option value="Dubai">Dubai</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>
    <div class="form-group">
        <label for="date">Date</label> <input type="date"
            class="form-control" id="date" name="date">

    </div>
    <br>
    <button type="submit" class="btn btn-primary btn-block
badge--pill">Search Flight</button>
    </form>
</section>

</body>
</html>

```

#### 5.6.4 SearchResult.jsp

```
<% @page import="java.sql.*"%>
<% @ page import=" com.Main.Search" %>

<%
String driverName = "com.mysql.jdbc.Driver";
String Url = "jdbc:mysql://localhost:3306/flyaway";

String userId = "root";
String password = "say123";
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 Result</title>

<% @include file="allcss.jsp" %>
    <link rel="stylesheet" href="CSS/Style3.css" />
</head>

<body>

    <% @ include file="navbar.jsp" %>

<div class="container">
    <h2 align="center"><span><strong>Search Results</strong></span></h2>
    <p align="center">
```

```

Showing Available Flights from <%=Search.origin%> to
<%=Search.destination%> <br>
Date of travel : <%=Search.date%> (<%=Search.day%>) <br>
No of Passengers : <%=Search.persons%> <br>
</p>
<table class="table table-hover table-striped" id="tb">
  <thead class="thead">
    <tr>

      <th scope="col">Flight Name</th>
      <th scope="col">Origin</th>
      <th scope="col">Destination</th>
      <th scope="col">Date</th>
      <th scope="col">Ticket Price</th>
      <th scope="col">Choose</th>
    </tr>
  </thead>
  <tbody class="tbody">
    <br><p align="center"><span><strong>Book
Flight</strong></span></p><br>
    <%
      try{
        connection = DriverManager.getConnection(Url, userId, password);
        statement=connection.createStatement();
        resultSet = statement.executeQuery(query);
        while(resultSet.next()){
    %>
    <tr>
      <td><%=resultSet.getString("Flight") %></td>
      <td><%=resultSet.getString("origin") %></td>
      <td><%=resultSet.getString("destination") %></td>

      <td><%=Search.date%></td>
      <td><%=resultSet.getString("ticket_price") %></td>
      <td>
        <form action="Register.jsp" method="post">
          <input type="hidden" id="Flight" name="Flight"
value="<%=resultSet.getString("Flight")%>">

```

```

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

        <input type="submit" class="btn btn-primary btn-block badge--pill"
value="Book Flight">
    </form>
</td>
</tr>
<%
    }
    } catch (Exception e) {
        e.printStackTrace();
    }
%>
</tbody>
</table>
</div>

</body>
</html>

```

### 5.6.5 Register.jsp

```

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

    <% @ page import="com.Main.UserDetails" %>

<%

    UserDetails.ticket_price =
Integer.parseInt(request.getParameter("ticket_price"));
    UserDetails.Flight_name = request.getParameter("Flight");

%>

<!DOCTYPE html>
<html>
<head>

```



```
<meta charset="ISO-8859-1">
<title>Register</title>
<% @include file="allcss.jsp" %>
    <link rel="stylesheet" href="CSS/Style6.css" />
    <style>

        </style>
</head>

<body>

    <% @ include file="navbar.jsp" %>
<div>

</div>
<div class="wrapper">
    <div class="title">
        Register Here
    </div>

<form action="ServletRegister" method="post">

    <div class="form">
        <div class="input_field">
            <input type="text" name="fname" placeholder="Enter First Name"
class="input">
            <i class="fa fa-user" aria-hidden="true"></i>

        </div>
        <div class="input_field">

            <input type="text" name="lname" placeholder="Enter Last Name"
class="input">
            <i class="fa fa-user" aria-hidden="true"></i>

        </div>
        <div class="input_field">
            <input type="email" name="email" placeholder="Email" class="input">
```

```

        <i class="fa fa-envelope" aria-hidden="true"></i>

    </div>
    <div class="input_field">

        <input type="text" name="mobile" placeholder="Enter Mobile No"
class="input">
        <i class="fa fa-mobile" aria-hidden="true"></i>
    </div>
        <div class="input_field">
            <input type="text" name="address" placeholder="Address" class="input">
            <i class="fa fa-address-card" aria-hidden="true"></i>
        </div><br>
        <button type="submit" class="btn btn-primary btn-block badge--
pill">Register</button>

    </form>
</div>

</body>
</html>

```

### 5.6.6 payment.jsp

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<% @ page import="com.Main.Search" %>

    <% @ page import="com.Main.UserDetails" %>

    <% @ page import="com.Main.UserDetails" %>

```

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Payment Gateway</title>

<% @include file="allcss.jsp" %>
    <link rel="stylesheet" href="CSS/style2.css" />
</head>
<body>
    <% @ include file="navbar.jsp" %>

    <div class="contain">
        <div class="raw ">
            <div class="col-md-4-offset-md-4">
                <div class="card">
                    <div class="card-header text-center c-head"
id="head">
                        <i class="fa fa-money" aria-
hidden="true"></i>
                        <h3>Payment</h3>
                    </div>
                    <div class="card-body">
                        <form action="Payment" method="post">

                            <div class="form-group">
                                <label
for="Accountno">Enter Account No</label> <input
                                type="number"
                                name="Accountno" class="form-control" id="Accountno"
                                aria-
                                describedby="usernameHelp">

                                    </div>
                                    <div class="form-group">
                                        <label
for="Accountholder">Enter Account Holder Name</label> <input

```

```

type="text"
name="Accountholder" class="form-control" id="Accountholder">

</div>
<div class="form-group">
    <label for="cardno">Enter
Card No</label> <input

type="number"
name="cardno" class="form-control" id="cardno">

</div>
<div class="form-group">
    <label for="cvr">Enter CVR
No</label> <input

type="number"
name="cvr" class="form-control" id="cvr">

</div><br>
<p
align="left"><span><strong>Total fare = <br> <%=UserDetails.ticket_price%>
X <%=Search.persons%> persons =
Rs.<%=UserDetails.ticket_price*Search.persons%></strong></span></p>

<button type="submit" class="btn
btn-primary btn-block badge--pill">Confirm Payment</button>
</form>

</div>
</div>
</div>

```

```
        </div>

    </div>

</body>
</html>
```

### 5.6.7 Admindashboard.jsp

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"% >
<% @page import="java.sql.*"% >
<% @page import=" com.flyaway.Login"% >

<%
String driverName = "com.mysql.cj.jdbc.Driver";
String Url = "jdbc:mysql://localhost:3306/flyaway";
String userId = "root";
String password = "say123";
try {
    Class.forName(driverName);
} catch (ClassNotFoundException e) {
    e.printStackTrace();
}
Connection connection = null;
Statement statement = null;
ResultSet resultSet = null;
%>

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Dashboard</title>
<% @include file="allcss.jsp" %>
<link rel="stylesheet" href="CSS/style7.css" />
```

```

<style>
</style>
</head>

<body>

    <nav class="navbar navbar-expand-lg navbar-light bg-custom"
id="navbar">

        <a class="navbar-brand" id="tag">FlyAway Ticket Booking</a>

        <div class="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto">
                <li class="nav-item"><a class="nav-link"
href="Home.jsp"> <i
                                class="fa fa-home" aria-
hidden="true"></i>Home
                </a></li>

                <li class="nav-item"><a
href="Changepassword.jsp" class="nav-link">
                    <i class="fa fa-unlock-alt" aria-
hidden="true"></i> Change Password</a></li>

```

```

        </ul>

    </div>

</nav>

<%if(LogIn.isLoggedin) {
%>
    <div>
        <h2>Welcome To Admin DashBoard</h2>
        <p style="text-align:center; font-size:15px; font-family:'Ubuntu',
sans-serif;">LoggedIn as :- Username is : <%=LogIn.username %> and
        Password is : <%=LogIn.password %>
    </p>

    <br><br>

    </div>
    <div class="row" align="center">

    <div class="col-lg-3 col-md-4col-sm-6 mb-4">
        <form action="Logout" method="get">
        <button type="submit" class="btn btn-primary btn">Logout</button>
        </form>
    </div>

    </div>

    <br><br><br><br>
    <h2 style="text-align:center;">List of Flight</h2><br>

        <table class="table table-bordered table striped"
align="center">
            <thead class="thead">
                <tr>
                    <th scope="col">Flight ID</th>
                    <th scope="col">Flight Name</th>
                    <th scope="col">Origin</th>

```

```

        <th scope="col">Destination</th>
        <th scope="col">Date</th>
        <th scope="col">Day</th>
        <th scope="col">Ticket Price</th>
    </tr>
</thead>
<tbody class="tbody">

    <%
    try {
        connection =
DriverManager.getConnection(Url, userId, password);
        statement =
connection.createStatement();

        String sql = "SELECT * FROM
flight_list";

        resultSet =
statement.executeQuery(sql);

        while (resultSet.next()) {
    %>
    <tr>

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

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

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

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

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

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

        <td><%=resultSet.getString("Ticket_Price")%></td>
    </tr>
    <%
    }
    } catch (Exception e) {

```



```

                                e.printStackTrace();
                                }
    }
    else{
        out.print("<h3>You should login First!</h3>");
    }

                                %>
                                </tbody>
                                </table>

</body>
</html>

```

### 5.6.8 Changepassword.jsp

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
    <% @page import="com.flyaway.LogIn"%>
<!DOCTYPE html>

<html>
<head>
<meta charset="ISO-8859-1">
<title>Change Password</title>
<% @include file="allcss.jsp" %>
<link rel="stylesheet" href="CSS/style9.css" />

</head>
<body>

    <% @ include file="navbar.jsp" %>

    <div class="contain">
        <div class="raw -">
            <div class="col-md-4-ooffset-md-4">

```

```

<div class="card">
  <div class="card-header text-center c-head"
id="head">

    <h2>CHANGE PASSWORD</h2>
    <%if (LogIn.isLoggedin)
    {
    %>
    <i class="fa fa-unlock-alt" aria-
hidden="true"></i>

    </div>
    <div class="card-body">
      <form action="Changepassword"
method="post">

        <div class="form-group">
          <label for="newpass">Enter
New Password</label> <input
                                type="password"
name="user_password" class="form-control" id="newpass"
                                aria-
describedby="passwordHelp"> <br><br>

                                <button type="submit" class="btn
btn-primary btn-block badge--pill">Change Password</button>
                                </form>
                                <%
                                }
                                else{
                                out.println("<h2>You have to login
First!</h2>");
                                }
                                %>
          </div>
        </div>

```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

### 5.6.9 confirmation.jsp

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

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

```
<% @ page import="com.Main.Search"%>
```

```
<% @page import="java.util.Date" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
<title>Payment Confirmation</title>
```

```
<% @ page import="com.Main.UserDetails"%>
```

```
<% @include file="allcss.jsp"%>
```

```
<link rel="stylesheet" href="CSS/style8.css" />
```

```
</head>
```

```
<body>
```

```

<% @ include file="navbar.jsp"%>

<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
            Details of the Flight are
Belows</strong></span>
    </p>
    <p style="text-align:center;">Date of Ticket Booking : <%=new
Date().toString() %></p>
    <br>

    <div class="cont">

        <div class="div">
            <h3 style="text-align: center;">
                &nbsp;  
                &nbsp;  FlyAway
            </h3>

        </div>

        <p class="p">
            Date of Departure :

```

```

        <%=Search.date%>
        (<%=Search.day%>)
    </p>
    <div>
        <h3 style="text-align: center; margin-top: 15px;">
            Name of Flight :
            <%=UserDetails.Flight_name%></h3>

    </div>
    <div class="origin">
        <h2>
            From : &nbsp;<%=Search.origin%></h2>
    </div>
    <div class="dest">
        <h2>
            Destination :
            <%=Search.destination%>
        </h2>
    </div>
    <div>
        <p>
            Number of Passenger :
            <%=Search.persons%>
        </p>
    </div>

</div>

<h2 align="right">
    <strong>Total Paid- Rs.<%=Search.persons *
UserDetails.ticket_price%></strong>
</h2>

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

```

```
</div>

</body>
</html>
```

### 5.6.10 navbar.jsp

```
<nav class="navbar navbar-expand-lg navbar-light bg-custom" id="navbar">

    <a class="navbar-brand" id="tag">FlyAway Ticket Booking</a>

    <div class="collapse navbar-collapse"
id="navbarSupportedContent">
        <ul class="navbar-nav mr-auto">
            <li class="nav-item"><a class="nav-link"
href="Home.jsp">
                <i class="fa fa-home" aria-
hidden="true"></i>Home </a></li>

            <li class="nav-item"><a href="Login.jsp" class="nav-
link"><i
                class="fa fa-gear"></i> Admin
Login</a></li>

        </ul>
```

```
</div>
```

```
</nav>
```

### 5.6.11 allcss.jsp

```
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport"
      content="width=device-width, initial-scale=1, shrink-to-fit=no">

<link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport"
      content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.
css"
      integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/d
AiS6JXm"
      crossorigin="anonymous">
<link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
<link
      href="https://fonts.googleapis.com/css2?family=Baloo+Bhai+2:wght@50
0&display=swap"
      rel="stylesheet">
<link
      href="https://fonts.googleapis.com/css2?family=Ubuntu:ital,wght@1,700
&display=swap"
      rel="stylesheet">
```

## 6. CSS Files

### 6.1 style1.css

```
@charset "ISO-8859-1";
body{
    background:url("../Images/irving-martinez-ScTcKdhInUE-unsplash.jpg");
    background-size:cover;
    padding:0px;
    margin:0px;
}

.fa-fa plane{
    color:white;
}

#navbar{
background-color:rgba(0,0,0,.2) ;
font-family:'Ubuntu', sans-serif;
}

#navbar ul li a{
    color:white;

    font-size:20px;
    font-weight:bold;
    padding:15px 20px;
}
```



```
#navbar ul li a:hover{  
    color:black;  
    background-color:white;  
    border-radius:18px;  
  
}
```

```
#tag{  
    font-size:2.5rem;  
    color:black;  
    font-weight:bold;  
  
    float:right;  
    padding: 10px 20px;  
  
}
```

```
#gear{  
    margin:2px;  
    padding:10px;
```

```
}  
#gear a:hover{  
  
    background-color:white;  
  
}
```

```
.span{  
    font-size:5rem;  
}
```

```
.h1{
    text-align:center;
    font-family:'Ubuntu', sans-serif;

    margin-top:30px;

}
```

## 6.2 style2.css

```
@charset "ISO-8859-1";
#navbar{
background-color:rgba(0,0,0,.2);
font-family:'Ubuntu', sans-serif;

}

#navbar ul li a{
    color:white;

    font-size:20px;
    font-weight:bold;
    padding:15px 20px;

}
#navbar ul li a:hover{
    color:black;
    background-color:white;
    border-radius:18px;
```

```
}
```

```
#tag{  
    font-size:2rem;  
    color:black;  
    font-weight:bold;  
  
    float:right;  
    font-family: 'Baloo Bhai 2', cursive;  
}
```

```
.card{  
    position:absolute;  
  
    display:inline-block;  
  
    margin-left:34rem;  
    margin-top:10px;  
  
    font-family: 'Baloo Bhai 2', cursive;  
}  
#head{  
    background-color:#009688;  
  
}  
.form-group{  
    margin-bottom:0px;  
  
}
```

## 6.3 Style3.css

```
@charset "ISO-8859-1";
```

```
body{  
    background:url("../Images/joshua-pilla-ZloCK_gHB9o-unsplash.jpg");  
    background-size:cover;  
    padding:0px;  
    margin:0px;  
}
```

```
#navbar{  
background-color:rgba(0,0,0,.2) ;  
font-family:'Ubuntu', sans-serif;  
}
```

```
#navbar ul li a{  
    color:white;  
  
    font-size:20px;  
    font-weight:bold;  
    padding:15px 20px;
```

```
}  
#navbar ul li a:hover{  
    color:black;  
    background-color:white;  
    border-radius:18px;  
  
}  
  
#tag{  
    font-size:30px;  
  
    float:right;  
    padding: 10px 20px;  
  
}  
#gear{  
    margin:2px;  
    padding:10px;  
  
}  
  
h2,p{  
    font-family:'Ubuntu', sans-serif;  
}  
#tb{  
    font-family: 'Baloo Bhai 2', cursive;  
    background-color:#b0bec5;  
  
}
```

## 6.4 style4.css

```
@charset "ISO-8859-1";
```

```
body{  
    background:url("../Images/flugshow-4414576_1280.jpg");  
    background-size:cover;  
    padding:0px;  
    margin:0px;  
  
}
```

```
#navbar{  
background-color:rgba(0,0,0,.2);  
font-family:'Ubuntu', sans-serif;  
  
}
```

```
#navbar ul li a{  
    color:white;
```

```
font-size:20px;
font-weight:bold;
padding:15px 20px;

}
#navbar ul li a:hover{
    color:black;
    background-color:white;
    border-radius:18px;

}

#tag{
    font-size:2rem;
    color:black;
    font-weight:bold;

    float:right;
    padding: 10px 20px;

}
#gear{
    margin:2px;
    padding:10px;

}
#gear a:hover{

    background-color:white;

}
}
```

```
.span{
    font-size:5rem;
}

.card{
    position:absolute;

    display:inline-block;

    margin-left:34rem;
    margin-top:5rem;

    font-family: 'Baloo Bhai 2', cursive;
}
#head{
    background-color:green;
}
}
```

## 6.5 Style5.css

```
@charset "ISO-8859-1";
```

```
body{
    background:url("../Images/42cc64bdb70aca3e14053ce5a8bad414.jpg");
    background-size:cover;
    padding:0px;
    margin:0px;
}
```



```
#navbar{  
background-color:rgba(0,0,0,.2) ;  
font-family:'Ubuntu', sans-serif;  
  
}
```

```
#navbar ul li a{  
    color:white;  
  
    font-size:20px;  
    font-weight:bold;  
    padding:15px 20px;
```

```
}  
#navbar ul li a: hover{  
    color:black;  
    background-color:white;  
    border-radius:18px;  
  
}
```

```
#tag{  
    font-size:2rem;  
    color:black;  
    font-weight:bold;  
  
    float:right;  
    padding: 10px 20px;
```

```
}  
#gear{  
    margin:2px;  
    padding:10px;
```

```
}

#form{

    padding:48px;
    font-family: 'Baloo Bhai 2', cursive;
    font-size:20px;

}
.form-control{
    height:50px;

}
#source{
    height:50px;
}
#destination{
    height:50px;
}
#persons{
    height:50px;
}
```

## 6.6 Style.css

```
@charset "ISO-8859-1";
```

```
body{
```

```
background:url("../Images/ariffin-ali-GtRPABEqZVg-unsplash.jpg");
background-size:cover;
padding:0px;
margin:0px;
font-family:'Ubuntu', sans-serif;
}
```

```
#navbar{
background-color:rgba(0,0,0,.2) ;
font-family:'Ubuntu', sans-serif;
}
```

```
#navbar ul li a{
color:white;

font-size:20px;
font-weight:bold;
padding:15px 20px;
}
```

```
#navbar ul li a: hover{
color:black;
background-color:white;
border-radius:18px;
}
```

```
#tag{
font-size:25px;
color:black;
font-weight:bold;

float:right;
padding: 10px 20px;
```

```
}  
#gear{  
    margin:2px;  
    padding:10px;  
  
}  
#gear a:hover{  
  
    background-color:white;  
  
}  
  
.wrapper{  
    max-width: 350px;  
    width: 100%;  
    height: auto;  
    background: #fff;  
    padding: 30px 30px;  
    position: absolute;  
    top: 50%;  
    left: 50%;  
    transform: translate(-50%,-50%);  
    border-radius: 20px;  
    margin-top:40px;  
}  
  
.wrapper .title{  
    margin-bottom: 20px;  
    text-align: center;  
    font-size: 26px;  
    font-weight: bold;  
    color: black;  
}
```

```
.wrapper .form .input_field{  
  position: relative;  
  margin-bottom: 10px;  
  
}  
  
.wrapper .form .input_field .input{  
  width: 100%;  
  padding: 12px;  
  padding-left: 30px;  
  border: none;  
  background: #eeeeee;  
  
}  
  
.wrapper .form .input_field i{  
  position: absolute;  
  top: 10px;  
  left: 10px;  
  font-size: 15px;  
  
}
```

## **6.7 style7.css**

```
@charset "ISO-8859-1";
```

```
#navbar{  
background-color:rgba(0,0,0,.1) ;  
font-family:'Ubuntu', sans-serif;  
  
}
```

```
#navbar ul li a{  
    color:white;  
  
    font-size:20px;  
    font-weight:bold;  
    padding:15px 20px;
```

```
}
```

```
#navbar ul li a:hover{  
    color:black;  
    background-color:white;  
    border-radius:18px;
```

```
}
```

```
#tag{  
    font-size:25px;  
    color:black;  
    font-weight:bold;
```

```
  
    float:right;  
    padding: 10px 20px;
```

```
}
```

```
#gear{  
    margin:2px;
```

```
padding:10px;

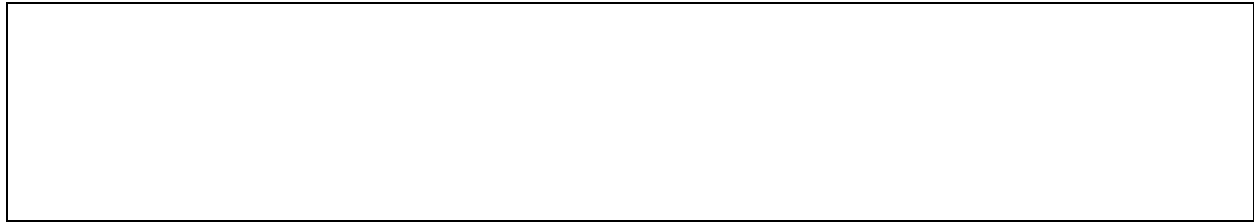
}
#gear a:hover{

background-color:white;

}
h2{
text-align:center;
font-family:'Ubuntu', sans-serif;
}
.btn{
color:black;
padding-left:10rem;
padding-right:6rem;
margin-top: 15px;

background-color:#b0bec5;
font-family:'Ubuntu', sans-serif;
float:right;
display:flex;

}
.thead{
background-color:#000000;
font-family:'Ubuntu', sans-serif;
color:white;
}
.tbody{
background-color:#b0bec5;
font-family:'Ubuntu', sans-serif;
}
```



## 6.8 style8.css

```
@charset "ISO-8859-1";
body{
    background:url("../Images/");
    background-size:cover;
    padding:0px;
    margin:0px;
        font-family:'Ubuntu', sans-serif;
}
.cont{
    background:#e8eaf6;
    position:relative;
```



```
width:1200px;
height:500px;
border: 3px solid black;

}
.origin{
margin-left:3rem;
}
.div{
margin-right:3rem;
margin-left:3rem;
display:flex;
background:#7986cb;
}
.dest{
margin-top:5px;
margin-left:50rem;
}
.p{
margin-top:3rem;
text-align:right;
margin-right:5px;
font-size:20px;;
}
p{
margin-left:3rem;
font-size:20px;;
}

#navbar{
background-color:rgba(0,0,0,.1);
font-family:'Ubuntu', sans-serif;
}

#navbar ul li a{
color:white;

font-size:20px;
```

```
        font-weight:bold;  
        padding:15px 20px;  
  
    }  
    #navbar ul li a:hover{  
        color:black;  
        background-color:white;  
        border-radius:18px;  
  
    }  
  
    #tag{  
        font-size:2rem;  
        color:black;  
        font-weight:bold;  
  
        float:right;  
        padding: 10px 20px;  
  
    }  
    #gear{  
        margin:2px;  
        padding:10px;  
  
    }  
    #gear a:hover{  
  
        background-color:white;  
  
    }
```

```
.span{  
    font-size:5rem;  
}
```

## 6.9 style9.css

```
@charset "ISO-8859-1";
```

```
body{  
    background:url("../Images/flugshow-4414576_1280.jpg");  
    background-size:cover;  
    padding:0px;  
    margin:0px;  
}  
#navbar{  
background-color:rgba(0,0,0,.2);  
font-family:'Ubuntu', sans-serif;  
}
```

```
#navbar ul li a{  
    color:white;  
  
    font-size:20px;  
    font-weight:bold;  
    padding:15px 20px;
```

```
}  
#navbar ul li a:hover{  
    color:black;  
    background-color:white;  
    border-radius:18px;
```

```
}
```

```
#tag{  
    font-size:2rem;  
    color:black;  
    font-weight:bold;  
  
    float:right;  
    padding: 10px 20px;
```

```
}
```

```
#gear{  
    margin:2px;  
    padding:10px;
```

```
}
```

```
#gear a:hover{  
  
    background-color:white;  
}
```

```
.span{  
    font-size:5rem;  
}
```

```
.card{
```

```
position:absolute;  
  
display:inline-block;  
  
margin-left:34rem;  
margin-top:5rem;  
  
font-family: 'Baloo Bhai 2', cursive;  
}  
#head{  
    background-color:green;  
}
```

## 7. Database Table details

```
MySQL 8.0 Command Line Client
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| flyaway  |
| information_schema |
| learnservlet |
| mysql    |
| performance_schema |
| sakila   |
| spring_jdbc |
| student  |
| sys      |
| world    |
+-----+
10 rows in set (0.03 sec)

mysql> use flyaway
Database changed
mysql> show tables;
+-----+
| Tables_in_flyaway |
+-----+
| flight_list        |
+-----+
1 row in set (0.02 sec)

mysql> desc flight_list;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| Id          | int           | NO   | PRI | NULL    | auto_increment |
| Date        | varchar(255)  | YES  |     | NULL    |                 |
| Day         | varchar(255)  | YES  |     | NULL    |                 |
| Destination | varchar(255)  | YES  |     | NULL    |                 |
| Flight      | varchar(255)  | YES  |     | NULL    |                 |
| Origin      | varchar(255)  | YES  |     | NULL    |                 |
| Ticket_Price | int           | NO   |     | NULL    |                 |
+-----+-----+-----+-----+-----+-----+
```

## 8. Pushing the code to GitHub repository

- Open your command prompt and navigate to the folder where you have created your files.

**cd<folderpath>**

- Initialize your repository using the following command:

**git init**

- Add all the files to your git repository using the following command:

**git add .**

- Commit the changes using the following command:

**git commit . -m "Changes have been committed."**

- Push the files to the folder you initially created using the following command:

**git push -u origin main**