

Flyaway

The code for the project is hosted on: [GitHub](#)

Project Developer: **Vijaysai Yekbote**

This document contains the following sections:

- [Sprint Planning](#)
- [Core Concepts used in project](#)
- [Product capabilities and source code](#)
- [Unique Selling point of the Application](#)
- [Conclusion](#)

Sprint Planning and Task Completion

Note: A separate document for sprint planning is attached to the Zip.

The project is planned to be completed in two Sprints. The task assumed to be completed are:

Sprint 1:

- Flow chart of the application
- Initializing Git repository to track changes of development
- Writing the source code

Sprint 2:

- Testing the program with various user inputs
- Pushing project to GitHub
- Creating documentation

Core Concepts Used in the Project

- JSP
- Servlets
- JDBC
- Tomcat
- HTML
- CSS
- Exception Handling

Product Capabilities

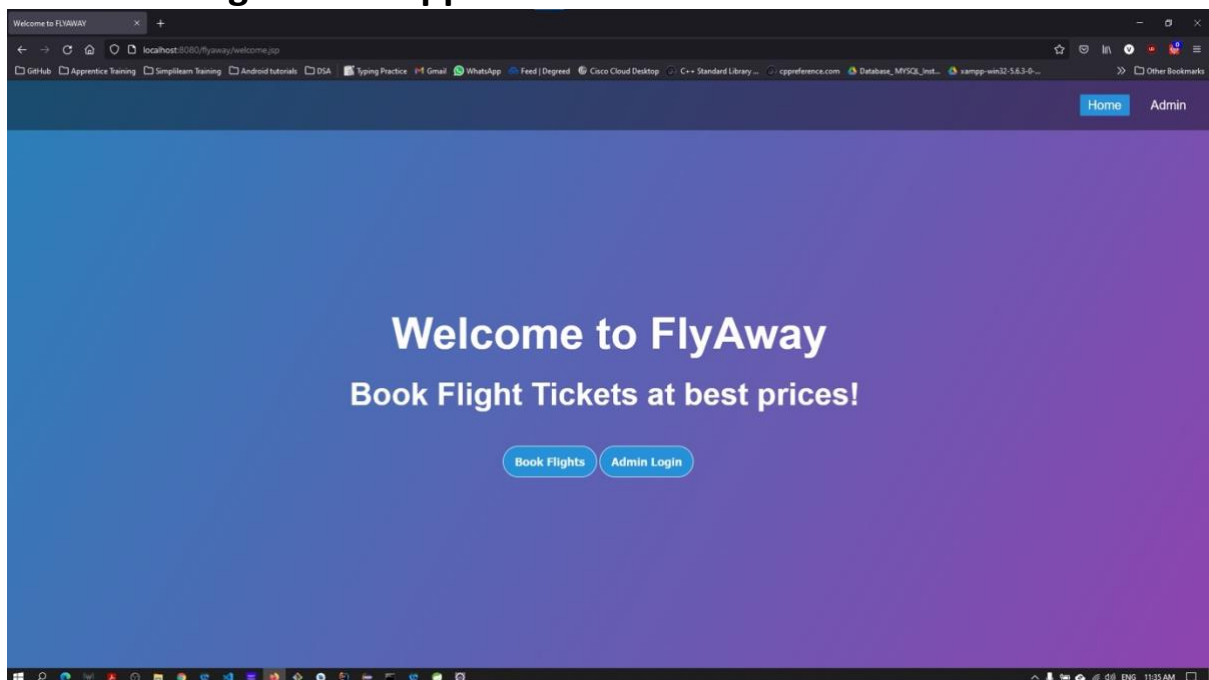
The application has the following capabilities:

1. Welcome page
2. User login
3. User signup
4. Search Flights
5. Search results
6. Passenger details
7. Payment
8. Thankyou
9. Admin page with respective functions which include
 - 9.1.Change Admin Password
 - 9.2.Show bookings
 - 9.3.Add flights

Source code for each of the capabilities with output is shown below:

Note: Complete source code, respective servlets of the app is zipped please check zip/Gitrepo for reference.

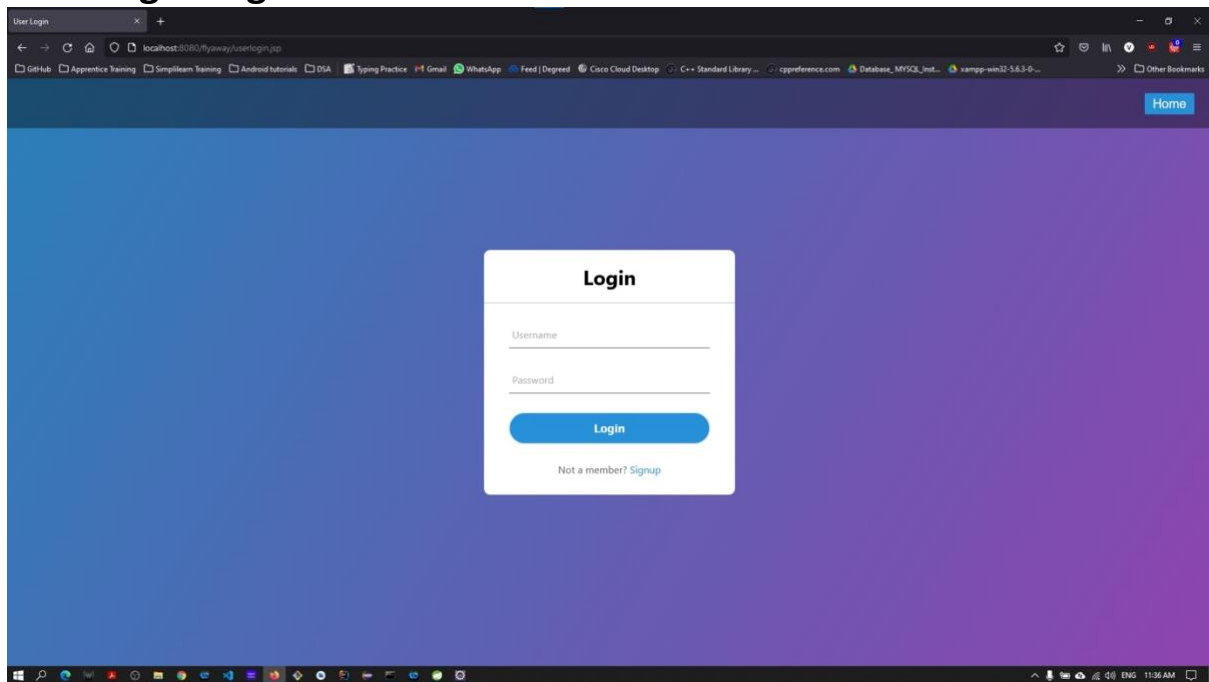
Welcome Page of the Application:



Source Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Welcome to FLYAWAY</title>
<link rel="stylesheet" href= "css/welcome.css">
</head>
<body>
<div class="wrapper">
    <nav class = "navbar">
        <ul>
            <li><a class = "active" href = "welcome.jsp">Home</a></li>
            <li><a href = "adminlogin.jsp">Admin</a>
        </ul>
    </nav>
    <div class="center">
        <h1> Welcome to FlyAway </h1><br>
        <h2>Book Flight Tickets at best prices!</h2><br>
        <div class = "bookFlights">
            <button onclick = "location.href = 'userlogin.jsp'" class = "searchpage">Book Flights</button>
            <button onclick = "location.href = 'adminlogin.jsp'" class="adminlogin">Admin Login</button>
        </div>
    </div>
</div>
</body>
</html>
```

User Login Page



Source Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>User Login</title>
<link rel="stylesheet" href="css/userlogin.css">
</head>
<body>
<nav class="navbar">
    <ul>
        <li><a class="active" href="welcome.jsp">Home</a></li>
    </ul>
</nav>
<div class="center">
<h1>Login</h1>
<form action="userLogin" method="post" class="form-container">
    <div class="txt_field">
        <input type="text" name="uname" required>
        <label for="username">Username</label>
    </div>
```

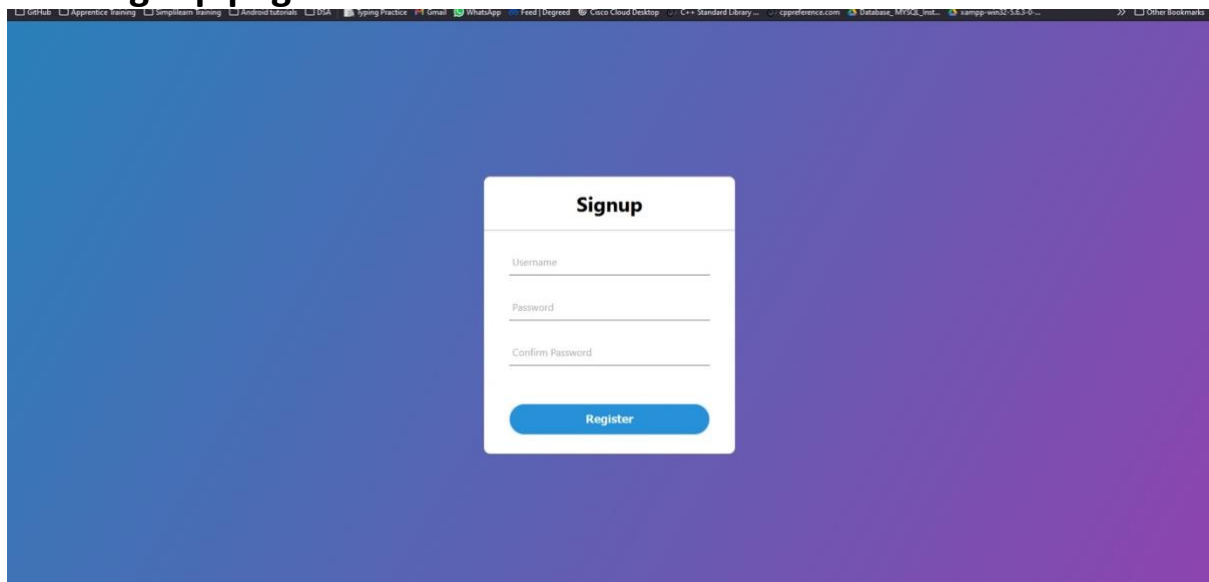
```

<div class ="txt_field">
<input type = "password" name = "pass" required>
<label for = "password">Password</label>
</div>
<button type = "submit" value = "userlogin">Login </button>
<div class ="signup_link">
Not a member? <a href = "signup.jsp">Signup</a>
</div>
</form>
</div>

</body>
</html>

```

User Signup page



Source Code

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Signup</title>
<link rel ="stylesheet" href ="css/signup.css">
</head>
<body>

```

```

<div class ="center">
  <h1>Signup</h1>
  <form action="signup" method="post" class="form-container">
    <div class="txt_field">
      <input type = "text" name = "uname" required>
      <label for = "username">Username</label>
    </div>
    <div class ="txt_field">
      <input type = "password" id ="pswd" name = "pass" required>
      <label for = "password">Password</label>
    </div>
    <div class ="txt_field">
      <input type = "password" id ="confirmpswd" name = "confirmpass" required>
      <label for = "confirmpassword">Confirm Password</label>
    </div>
    <button type = "submit" value = "signup">Register </button>
  </form>
</div>

</body>
</html>

```

Search Portal

Search Flights

localhost:8080/flyaway/searchportal.jsp

Logout

Enter details to show available flights

Date

Source

Destination

Num. of Persons

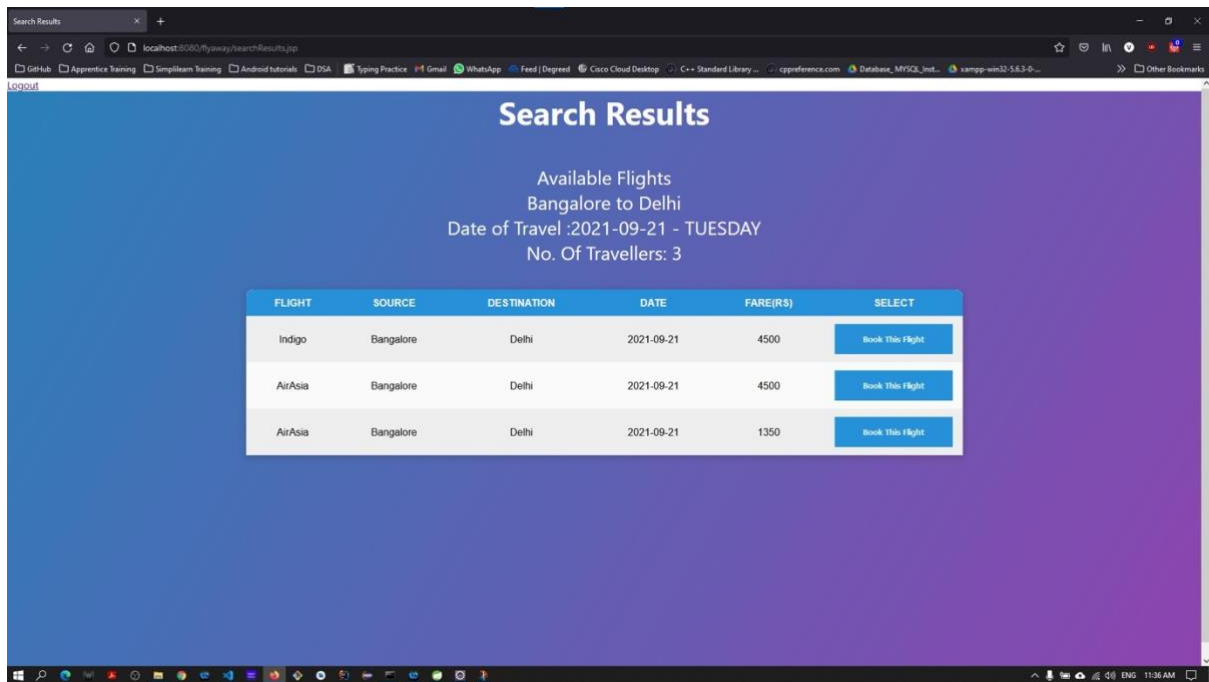
Source Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<link rel = "stylesheet" href = "css/searchportal.css">
<title>Search Flights</title>
</head>
<body>
<%

if(session.getAttribute("username")==null)
{
    response.sendRedirect("userlogin.jsp");
}
%>
<div class="navbar">
<nav class = "navbar">
    <ul>
        <li><a class = "logout" href = "userlogin.jsp">Logout</a>
    </ul>
</nav>
</div>
<div class = "center">
<form class = "form-container" action = "search" method = "post" >
<p> Enter details to show available flights </p>
<div class = "date-group">
<label class = "date" class = "date">Date</label>
<input type = "date" class = "form-control" id = "date" name = "date" placeholder = "Travel Date:">
</div>
<br>
<div class = "form-group">
<label class = "source">Source</label>
<select name = "source">
    <option value = "Bangalore">Bangalore</option>
    <option value = "Delhi">Delhi</option>
    <option value = "Mumbai">Mumbai</option>
```

```
<option value = "Hyderabad">Hyderabad</option>
</select>
</div>
<br>
<div class = "form-group">
<label class="destination">Destination</label>
<select class = "dest" id = "destination" name = "destination">
  <option value = "Bangalore">Bangalore</option>
  <option value = "Delhi">Delhi</option>
  <option value = "Mumbai">Mumbai</option>
  <option value = "Hyderabad">Hyderabad</option>
</select>
</div>
<br>
<div class = "form-group">
<label class="no-of-persons">Num. of Persons</label>
<select class = "form-control" id = "no-of-persons" name = "no-of-persons">
  <option value = "1">1</option>
  <option value = "2">2</option>
  <option value = "3">3</option>
  <option value = "4">4</option>
  <option value = "5">5</option>
  <option value = "6">6</option>
</select>
</div>
<br>
<button type = "submit" value = "Submit">Search Flights</button>
</form>
</div>
</body>
</html>
```

Search Results



Source Code

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

String driver = "com.mysql.jdbc.Driver";
String url = "jdbc:mysql://localhost:3306/flyaway";
String username = "root";
String password = "root";
String sql = searchDao.getQuery();
try{
    Class.forName(driver);
}
catch(ClassNotFoundException e) {
    e.printStackTrace();
}
Connection con = null;
Statement st = null;
ResultSet rs = null;

%>
```

```

<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href = "css/searchresults.css">
<meta charset="ISO-8859-1">
<title>Search Results</title>
</head>
<body>
<%

    if(session.getAttribute("username")==null)
    {
        response.sendRedirect("userlogin.jsp");
    }
%>
<div class="navbar">
<nav class ="navbar">
    <ul>
        <li><a class ="logout" href = "userlogin.jsp">Logout</a>
    </ul>
</nav>
</div>
<div class ="container">
<h2>Search Results</h2>
<p>
Available Flights <br> <%=searchDao.source %> to <%=searchDao.destination %> <br>
Date of Travel :<%=searchDao.date %> - <%=searchDao.day %> <br>
No. Of Travellers: <%=searchDao.persons %><br> </p>

<p>Select a Flight</p>
<table class = "flightDetails">

<tr>
<th scope = "col"> Flight</th>
<th scope = "col"> Source</th>
<th scope = "col"> Destination</th>
<th scope = "col"> Date</th>
<th scope = "col"> Fare(Rs)</th>
<th scope = "col"> Select</th>
</tr>

```

```

<tbody>
<%
try {
    con = DriverManager.getConnection(url,username,password);
    st = con.createStatement();
    rs = st.executeQuery(sql);
    while(rs.next()){
%>
<tr align="center">
<td><%=rs.getString("name") %></td>
    <td><%=rs.getString("source") %></td>
    <td><%=rs.getString("destination") %></td>
    <td><%=searchDao.date%></td>
    <td><%=rs.getString("TicketPrice") %></td>
    <td>
        <form action="${pageContext.request.contextPath}/bookingDetails.jsp" method="post">
            <input type="hidden" id="name" name="name" value="<%=rs.getString("name")%>">
            <input type="hidden" id="ticket_price" name="ticket_price"
value="<%=rs.getString("TicketPrice")%>">
            <input type="hidden" id="flight_id" name="flight_id" value="<%=rs.getString("FlightId")%>">
            <input type="submit" class="btn btn-success" value="Book This Flight">
        </form>
    </td>
</tr>
<%
    }
    } catch (Exception e) {
        e.printStackTrace();
    }
%>
</tbody>

</table>
</div>

</body>
</html>

```

Passenger Details

Logout

Enter Details

Passenger Name
vijaysoi

Email
vijaysoi@vijay.com

Phone
123456789932

Submit

Source Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import ="com.dao.bookingDetails" %>
<%
    bookingDetails.flightBookingId = request.getParameter("flight_id");
    bookingDetails.ticketPrice= Integer.parseInt(request.getParameter("ticket_price"));
    bookingDetails.flightName=request.getParameter("name");
%>
<!DOCTYPE html>
<html>
<head>
<link rel ="stylesheet" href="css/bookingdetails.css">
<meta charset="ISO-8859-1">
<title>Booking Details</title>
</head>
<body>
<%
if(session.getAttribute("username")==null)
{
    response.sendRedirect("adminlogin.jsp");
}
%>
```

```

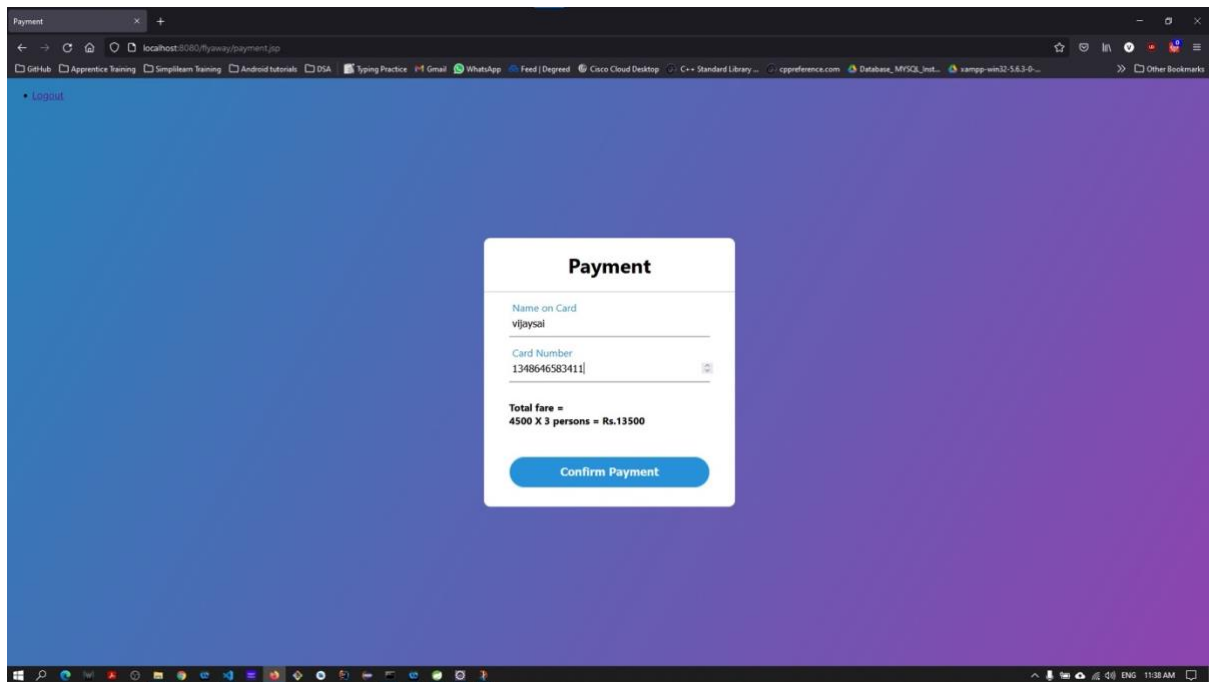
<div class="navbar">
<nav class ="navbar">
    <ul>
        <li><a class ="logout" href = "userlogin.jsp">Logout</a>
    </ul>
</nav>
</div>

<div class = "center">
    <h1>Enter Details</h1>
    <form class="form-container" action="${pageContext.request.contextPath}/payment.jsp" method="post">
        <div class ="txt_field">
            <input type = "text" id ="passname" name ="passname" required>
            <label for="passname">Passenger Name</label>
        </div>
        <div class="txt_field">
            <input type = "email" id ="email" name ="email" aria-describedby="emailHelp" required>
            <label for="email">Email</label>
        </div>
        <div class = "txt_field">
            <input type="number" id="phone" name="phone" required >
            <label for="phone">Phone</label>
        </div>
        <div>
            <button type="submit" class="btn btn-success btn-block" value="Submit">Submit</button>
        </div>
    </form>
</div>

</body>
</html>

```

Payment page



Source Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import= "com.dao.bookingDetails" %>
<%@ page import= "com.dao.searchDao" %>
<%
    bookingDetails.passengerName = request.getParameter("passname");
    bookingDetails.passengerEmail = request.getParameter("email");
    bookingDetails.passengerMobile = request.getParameter("phone");

    if(bookingDetails.passengerName.equals("")||bookingDetails.passengerEmail.equals("")||bookingDetails.passengerMobile.equals("")){
        out.print("Enter valid details");
    }
    else {
%>
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="css/payment.css">
<meta charset="ISO-8859-1">
<title>Payment</title>
</head>
<body>
<%
```

```

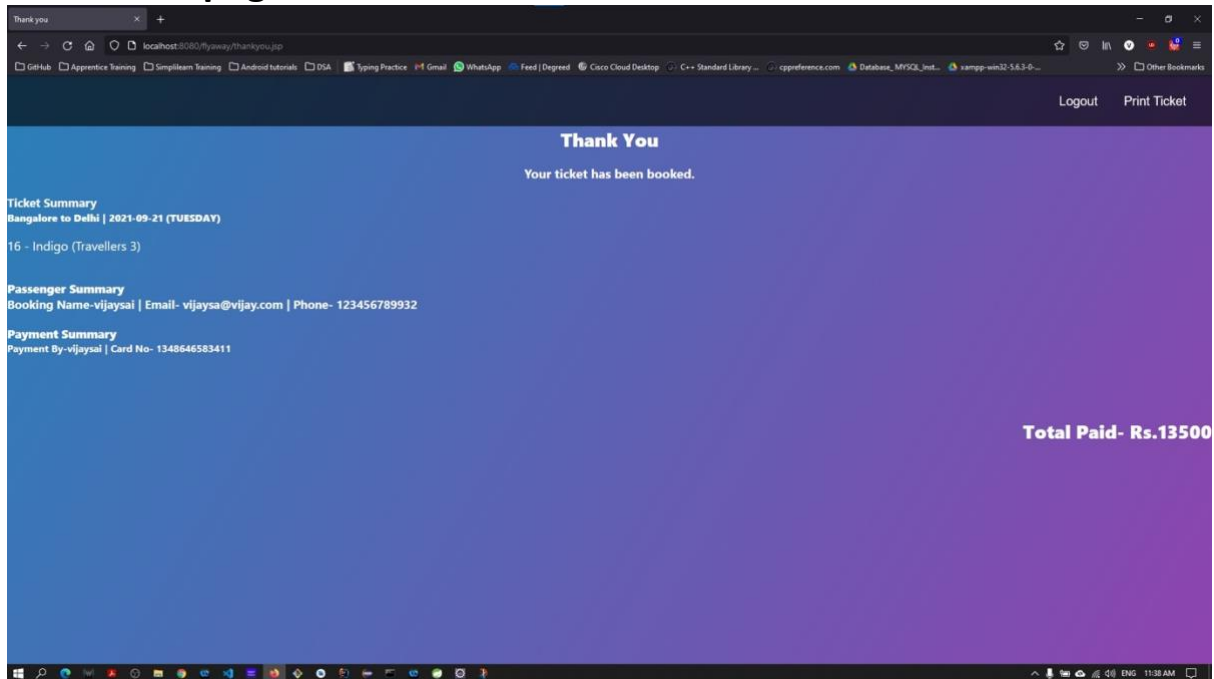
if(session.getAttribute("username")==null)
{
    response.sendRedirect("userlogin.jsp");
}
%>
<div class="navbar">
<nav class="navbar">
    <ul>
        <li><a class="logout" href="userlogin.jsp">Logout</a>
    </ul>
</nav>
</div>
<div class="center">
    <h1>Payment</h1>
    <form action="{pageContext.request.contextPath}/thankyou.jsp" method="post" class="form-container">
        <div class="txt_field">
            <input type="text" class="form-control" id="name_on_card" name="name_on_card" required>
            <label for="card_details">Name on Card</label>
        </div>
        <div class="txt_field">
            <input type="number" class="form-control" id="card_details" name="card_details" required>
            <label for="card_details">Card Number</label>
        </div>
        <p align="left"><span><strong>Total fare = <br> <%=bookingDetails.ticketPrice%> X
<%=searchDao.persons%> persons =
Rs.<%=bookingDetails.ticketPrice*searchDao.persons%></strong></span></p>
        <div>
            <button type="submit" class="btn btn-success btn-block" value="Submit">Confirm Payment</button>
        </div>
    </form>
</div>

</body>
</html>

<%
}
%>

```

Thank You page



Source Code

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

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

<%@ page import = "com.dao.bookingDetails" %>
<%@ page import = "com.dao.searchDao" %>
<%

bookingDetails.nameOnCard = request.getParameter("name_on_card");
bookingDetails.cardDetails =request.getParameter("card_details");

%>

<!-- update database -->

<%@ page import="java.io.IOException"%>
<%@ page import="java.sql.Connection"%>
<%@ page import="java.io.PrintWriter"%>
<%@ page import="java.sql.DriverManager"%>
<%@ page import="java.sql.PreparedStatement"%>
<%@ page import="java.sql.SQLException"%>
<%@page import="javax.servlet.ServletException"%>
<%@page import="javax.servlet.http.HttpServlet"%>
<%@page import="javax.servlet.http.HttpServletRequest"%>
```



```

<%@page import ="javax.servlet.http.HttpServletResponse"%>
<%
    String passengerName = bookingDetails.passengerName;
    String email = bookingDetails.passengerEmail;
    String phone = bookingDetails.passengerMobile;
    String cardNumber=bookingDetails.cardDetails;
    String Source = searchDao.source;
    String Destination =searchDao.destination;
    String Day = searchDao.date + " " + searchDao.day;
    int noOfPersons = searchDao.persons;
    int TotalPrice =bookingDetails.ticketPrice*searchDao.persons;

    String sql = "insert into
bookinglist(passengerName,email,phone,cardNumber,Source,Destination,Day,noOfPersons,TotalPrice)
values(?,?,?,?,?,?,?,?,?)";

    String url = "jdbc:mysql://localhost:3306/flyaway";
    String username = "root";
    String password = "root";
    Class.forName("com.mysql.jdbc.Driver");
    Connection con = DriverManager.getConnection(url,username,password);
    PreparedStatement st = con.prepareStatement(sql);
    st.setString(1,passengerName);
    st.setString(2, email);
    st.setString(3,phone);
    st.setString(4,cardNumber);
    st.setString(5,Source);
    st.setString(6,Destination);
    st.setString(7,Day);
    st.setInt(8,noOfPersons);
    st.setInt(9,TotalPrice);
    st.executeUpdate();

    con.close();
%>
<!-- Show Details -->
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<link rel="stylesheet" href="css/thankyou.css">

```

```

<title>Thank you</title>
</head>
<body>
<%

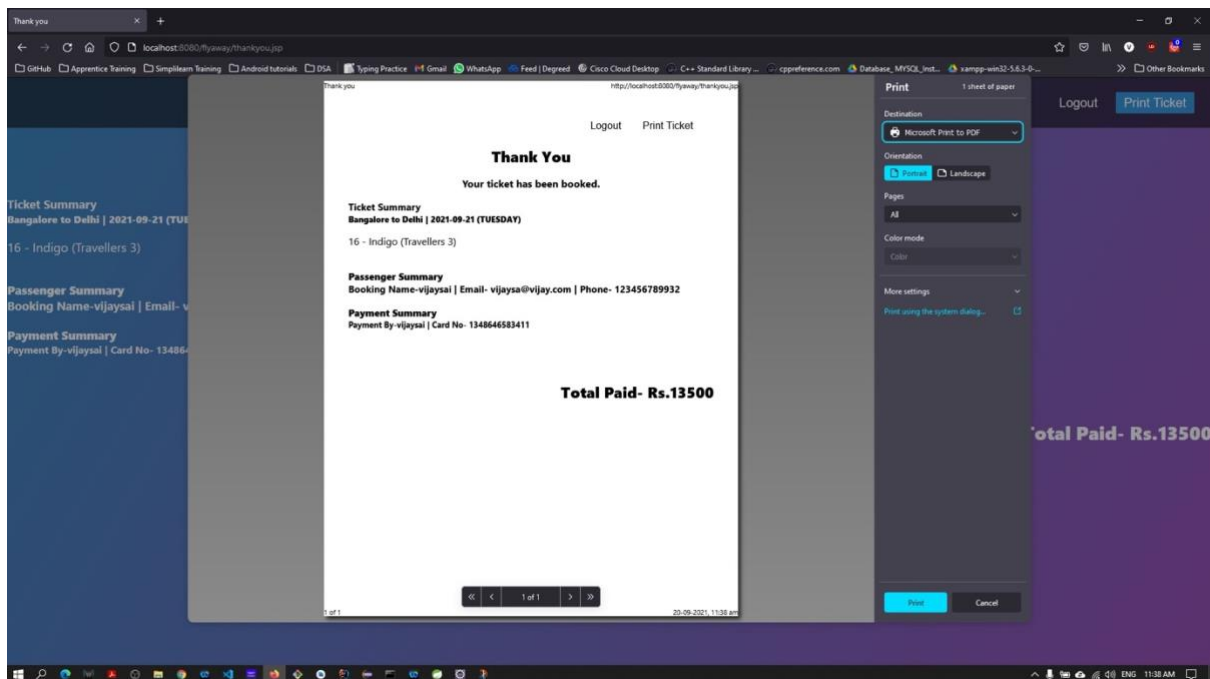
if(session.getAttribute("username")==null)
{
    response.sendRedirect("userlogin.jsp");
}
%>

<div class="navbar">
<nav class ="navbar">
    <ul>
        <li><a class ="logout" href = "welcome.jsp">Logout</a>
        <li><a onclick="window.print()" class="print">Print Ticket</a></li>
    </ul>
</nav>
</div>

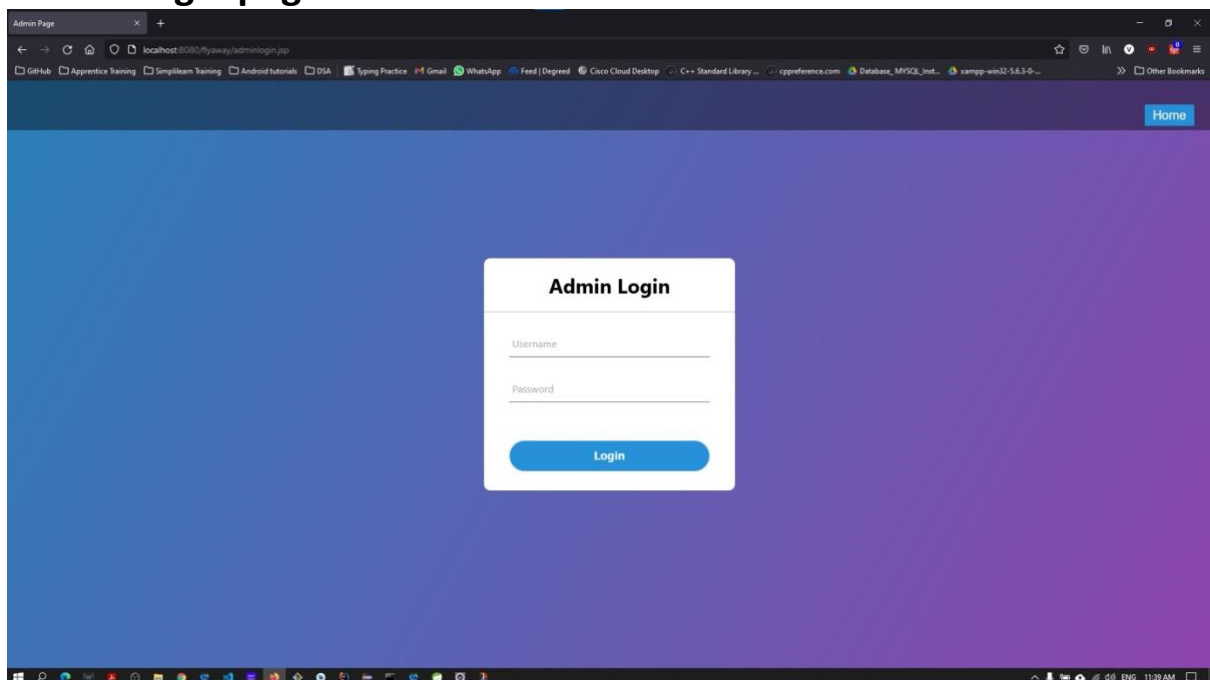
<div class="container">
    <h1 align="center"><span><strong>Thank You</strong></span></h1>
    <p align="center"><span><strong>Your ticket has been booked.</strong></span></p>
    <br>
    <h3>Ticket Summary</h3>
    <h4><strong><%=searchDao.source%> to <%=searchDao.destination%> | <%=searchDao.date%>
(<%=searchDao.day%>)</strong></h4>
    <p align="left"><%=bookingDetails.flightBookingId%> - <%=bookingDetails.flightName%> (Travellers
<%=searchDao.persons%>)</p><br>
    <br>
    <h3><strong>Passenger Summary</strong></h3>
    <h3>Booking Name-<%=bookingDetails.passengerName%> | Email-
<%=bookingDetails.passengerEmail%> | Phone- <%=bookingDetails.passengerMobile%></h3>
    <br>
    <h3><strong>Payment Summary</strong></h3>
    <h4>Payment By-<%=bookingDetails.nameOnCard%> | Card No-
<%=bookingDetails.cardDetails%></h4><br>
    <h2 align="right"><strong>Total Paid-
Rs.<%=searchDao.persons*bookingDetails.ticketPrice%></strong></h2><br><br>
</div>
</body>
</html>

```

Print ticket demo



Admin Login page



Source code

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Page</title>
<link rel="stylesheet" href="css/adminlogin.css">
</head>
<body>
<nav class="navbar">
    <ul>
        <li><a class="active" href="welcome.jsp">Home</a></li>
    </ul>
</nav>
<div class="center">
<h1>Admin Login</h1>
<form action="Login" method="post" class="form-container">
    <div class="txt_field">
        <input type="text" name="uname" required>
        <span></span>
        <label for="username">Username</label>
    </div>
    <div class="txt_field">
        <input type="password" name="pass" required>
        <span></span>
        <label for="password">Password</label>
    </div>
    <button type="submit" value="login">Login </button>
</form>
</div>

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

```

Admin Dashboard

FLIGHT ID	NAME	SOURCE	DESTINATION	DAY	TICKET PRICE
1	Airindia	Bangalore	Delhi	WEDNESDAY	4000
2	Airindia	Bangalore	Mumbai	THURSDAY	3000
3	Airindia	Bangalore	Hyderabad	FRIDAY	2000
4	Airindia	Delhi	Bangalore	SATURDAY	4000
5	Airindia	Delhi	Mumbai	SUNDAY	2000
6	Airindia	Delhi	Hyderabad	MONDAY	3000
7	Airindia	Delhi	Bangalore	TUESDAY	4000
8	Airindia	Hyderabad	Delhi	WEDNESDAY	3500
9	Airindia	Hyderabad	Mumbai	THURSDAY	2500
10	Airindia	Hyderabad	Bangalore	FRIDAY	2000
11	Airindia	Mumbai	Delhi	SUNDAY	2000
12	Airindia	Mumbai	Hyderabad	SATURDAY	3000
13	Airindia	Mumbai	Bangalore	SATURDAY	4000
14	Indigo	Bangalore	Hyderabad	MONDAY	3500
15	Indigo	Bangalore	Mumbai	SUNDAY	2500
16	Indigo	Bangalore	Delhi	TUESDAY	4500

Source Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@page import = "servlets.Login" %>
<%@page import ="java.sql.*" %>
<%
String driver = "com.mysql.jdbc.Driver";
String url = "jdbc:mysql://localhost:3306/flyaway";
String username = "root";
String password = "root";
String sql = null;
try{
    Class.forName(driver);
} catch(ClassNotFoundException e){
    e.printStackTrace();
}
Connection con =null;
Statement st = null;
ResultSet rs =null;
%>

<!DOCTYPE html>
<html>
<head>
```

```
<link rel="stylesheet" href="css/admindashboard.css">
<meta charset="ISO-8859-1">

<title>Dashboard-Admin</title>
</head>
<body>
<%
if(session.getAttribute("username")==null)
{
    response.sendRedirect("adminlogin.jsp");
}
%>
<div class="navbar">
<nav class="navbar">
    <ul>
        <li><a class="active" href="welcome.jsp">Home</a></li>
        <li><a href="change-password.jsp">Change Password</a>
        <li><a href="addflights.jsp">Add Flight</a>
        <li><a href="showbookings.jsp">Show Bookings</a>
        <li><a class="logout" href="adminlogin.jsp">Logout</a>
    </ul>
</nav>
</div>
<div class="container">
    <h2> Admin Dashboard </h2>

<div class="table">
    <table class="flightdata">
        <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>
            <h3>Flight Table</h3>
```

```

<%

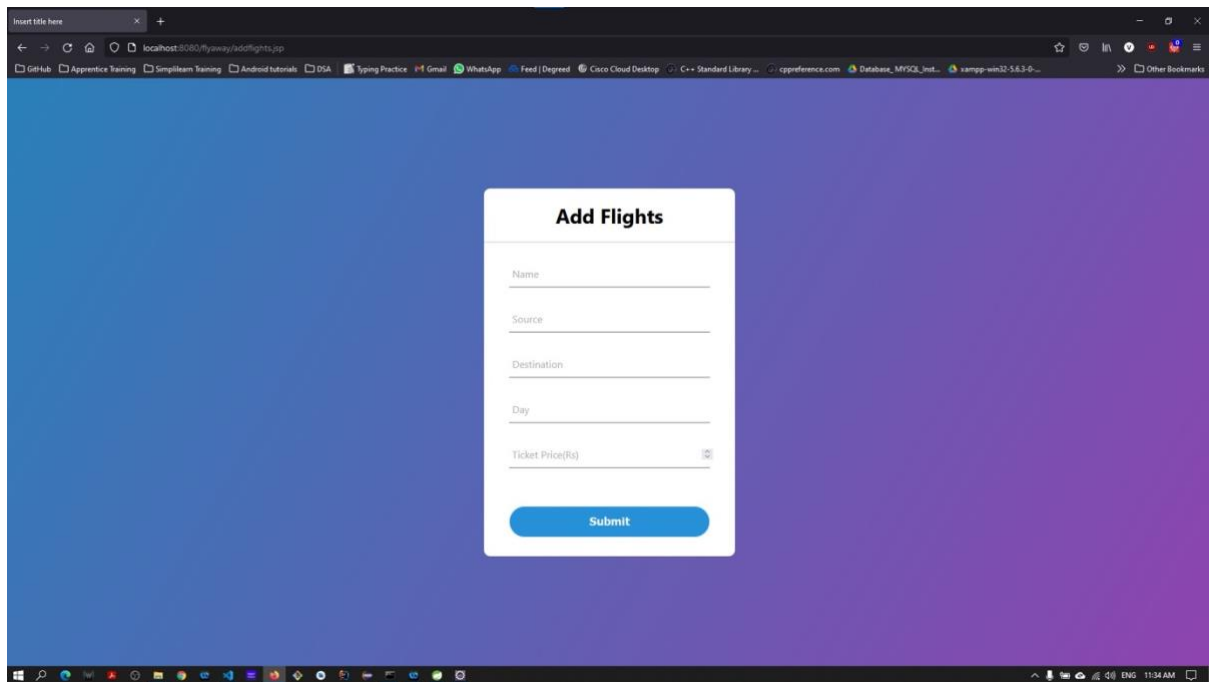
con = DriverManager.getConnection(url,username,password);
st = con.createStatement();
sql = "select *from airlineslist";
rs=st.executeQuery(sql);
while(rs.next()){
%>
<tr>
<td><%=rs.getString("FlightID") %></td>
<td><%=rs.getString("Name") %></td>
<td><%=rs.getString("Source") %></td>
<td><%=rs.getString("Destination") %></td>
<td><%=rs.getString("Day") %></td>
<td><%=rs.getString("TicketPrice") %></td>
<%
}
%>
</tbody>

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

</body>
</html>

```

Add Flights page



Source code

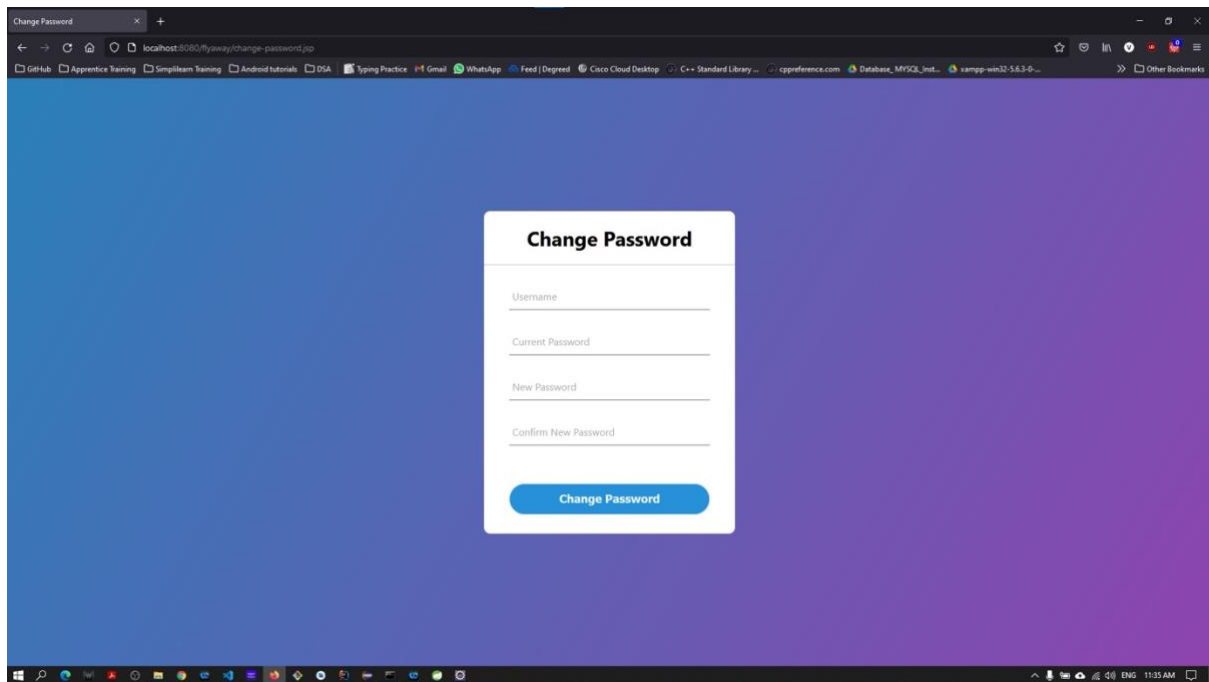
```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="css/signup.css">
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
if(session.getAttribute("username")==null)
{
    response.sendRedirect("adminlogin.jsp");
}
%>
<div class = "center">
    <h1>Add Flights</h1>
    <form action="addflights" method="post" class="form-container">
        <div class ="txt_field">
            <input type = "text" name = "Name" required>
            <label for = "Name">Name</label>
        </div>
```



```
<div class ="txt_field">
  <input type = "text" name = "Source" required>
  <label for = "source">Source</label>
</div>
<div class ="txt_field">
  <input type = "text" name = "Destination" required>
  <label for = "Destination">Destination</label>
</div>
<div class ="txt_field">
  <input type = "text" name = "Day" required>
  <label for = "Day">Day</label>
</div>
<div class ="txt_field">
  <input type = "number" name = "TicketPrice" required>
  <label for = "TicketPrice">Ticket Price(Rs)</label>
</div>
<button type = "submit" value = "addflights">Submit </button>
</form>
</div>

</body>
</html>
```

Admin change password



Source code:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page import = "servlets.Login" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Change Password</title>
<link rel="stylesheet" href = "css/signup.css">
</head>
<body>
<%
if(session.getAttribute("username")==null)
{
    response.sendRedirect("adminlogin.jsp");
}
%>
<div class = "center">
    <h1>Change Password</h1>
    <form action="changepassword" method="post" class="form-container">
        <div class="txt_field">
            <input type = "text" name = "uname" required>
            <label for = "username">Username</label>
        </div>
```

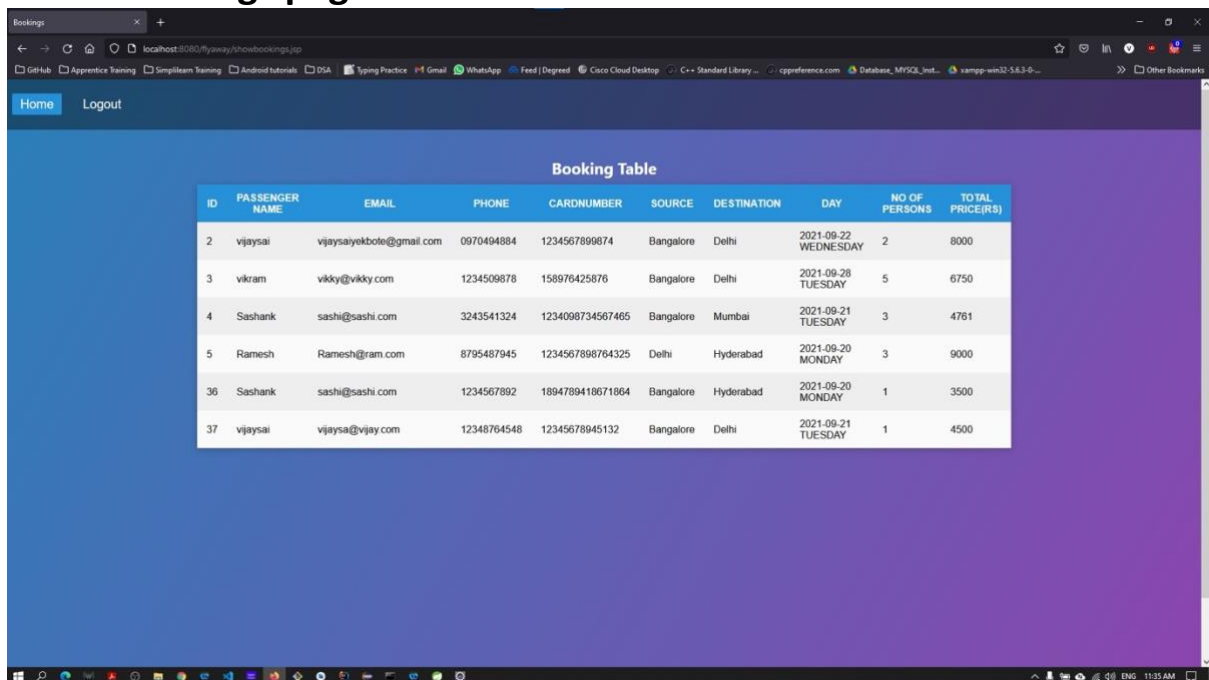
```

<div class ="txt_field">
<input type = "password" id ="pswd" name = "cpass" required>
<label for = "password">Current Password</label>
</div>
<div class ="txt_field">
<input type = "password" id ="npass" name = "npass" required>
<label for = "confirmpassword">New Password</label>
</div>
<div class ="txt_field">
<input type = "password" id ="cnpass" name = "cnpass" required>
<label for = "confirmnewpassword">Confirm New Password</label>
</div>
<button type = "submit" value = "changepassword">Change Password </button>
</form>
</div>

</body>
</html>

```

Show Bookings page



ID	PASSENGER NAME	EMAIL	PHONE	CARDNUMBER	SOURCE	DESTINATION	DAY	NO OF PERSONS	TOTAL PRICE(RS)
2	vijaysai	vijaysaiyebote@gmail.com	0970494884	1234567890874	Bangalore	Delhi	2021-09-22 WEDNESDAY	2	8000
3	vikram	vikky@vikky.com	1234509878	158976425876	Bangalore	Delhi	2021-09-28 TUESDAY	5	6750
4	Sashank	sashi@sashi.com	3243541324	1234098734567465	Bangalore	Mumbai	2021-09-21 TUESDAY	3	4761
5	Ramesh	Ramesh@ram.com	8795487945	1234567898764325	Delhi	Hyderabad	2021-09-20 MONDAY	3	9000
36	Sashank	sashi@sashi.com	1234567892	1894789418671864	Bangalore	Hyderabad	2021-09-20 MONDAY	1	3500
37	vijaysai	vijaysai@vijay.com	12348764548	12345678945132	Bangalore	Delhi	2021-09-21 TUESDAY	1	4500

Source Code

```

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

```

```

<%@page import = "servlets.Login" %>
<%@page import ="java.sql.*" %>
<%
String driver = "com.mysql.jdbc.Driver";
String url = "jdbc:mysql://localhost:3306/flyaway";
String username = "root";
String password = "root";
String sql = null;
try{
    Class.forName(driver);
    } catch(ClassNotFoundException e){
        e.printStackTrace();
    }
Connection con =null;
Statement st = null;
ResultSet rs =null;
%>

<!DOCTYPE html>
<html>
<head>
<link rel ="stylesheet" href="css/admindashboard.css">
<meta charset="ISO-8859-1">

<title>Bookings</title>
</head>
<body>
<%
if(session.getAttribute("username")==null)
{
    response.sendRedirect("adminlogin.jsp");
}
%>
<div class="navbar">
<nav class ="navbar">
    <ul>
        <li><a class = "active" href = "welcome.jsp">Home</a></li>
        <li><a class ="logout" href = "adminlogin.jsp">Logout</a>
    </ul>

```

```

</nav>

</div>

<div class ="container">

<div class ="table">
    <table class ="bookingdata">
        <thead>
            <tr>
                <th scope = "col"> Id </th>
                <th scope = "col"> Passenger Name </th>
                <th scope = "col"> Email </th>
                <th scope = "col"> Phone </th>
                <th scope = "col"> CardNumber </th>
                <th scope = "col"> Source </th>
                <th scope = "col"> Destination</th>
                <th scope = "col"> Day </th>
                <th scope = "col"> No Of Persons </th>
                <th scope = "col"> Total Price(Rs)</th>
            </tr>
        </thead>
        <tbody>
            <h3>Booking Table</h3>

            <%

                con = DriverManager.getConnection(url,username,password);
                st = con.createStatement();
                sql = "select *from bookinglist";
                rs=st.executeQuery(sql);
                while(rs.next()){
            %>
            <tr>
                <td><%=rs.getString("id") %></td>
                <td><%=rs.getString("passengerName") %></td>
                <td><%=rs.getString("email") %></td>
                <td><%=rs.getString("phone") %></td>
                <td><%=rs.getString("cardNumber") %></td>
                <td><%=rs.getString("Source") %></td>
                <td><%=rs.getString("Destination") %></td>

```

```
<td><%=rs.getString("Day") %></td>
<td><%=rs.getString("noOfPersons") %></td>
<td><%=rs.getString("TotalPrice") %></td>
<%
}
%>
</tbody>

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

</body>
</html>
```

Unique Selling Points of the Application:

1. The application is designed to keep on running and taking user inputs even after exceptions occur.
2. Material UI
3. Responsive Web UI.

Conclusion:

Further improvements to the application can be done which may include:

- User forgot password
- Show users in admin dashboard.
- Option to book round tickets.