FLYAWAY (AN AIRLINE BOOKING PORTAL)

DESCRIPTION

Project objective:

As a Full Stack Developer, design and develop an airline booking portal named as FlyAway. Use the GitHub repository to manage the project artifacts.

Background of the problem statement:

FlyAway is a ticket-booking portal that lets people book flights on their website.

- ✓ This document contains sections for:
- ✓ Sprint planning and Task completion
- ✓ Core concepts used in project
- ✓ Flow of the Application.
- ✓ Demonstrating the product capabilities, appearance, and user interactions.
- ✓ Unique Selling Points of the Application
- ✓ Conclusions

The code for this project is hosted PHASE1/Flyaway Ticket_Booking_Portal/src/main at main · Nandy-M/PHASE1 (github.com)

The project is developed by Monisha K

SPRINT PLANNING AND TASK COMPLETION

The project is planned to be completed in 1 sprint. Tasks assumed to be completed in the sprint are:

- ❖ Creating the flow of the application
- ❖ Initializing git repository to track changes as development progresses.
- ❖ Writing the Java program to fulfill the requirements of the project.

- Testing the Java program with different kinds of User input
- Pushing code to GitHub.
- Creating this specification document highlighting application capabilities, appearance, and user interactions.

CORE CONCEPTS USED IN PROJECT

- Servlet
- JDBC Connectivity
- MySQL
- JSP
- Html

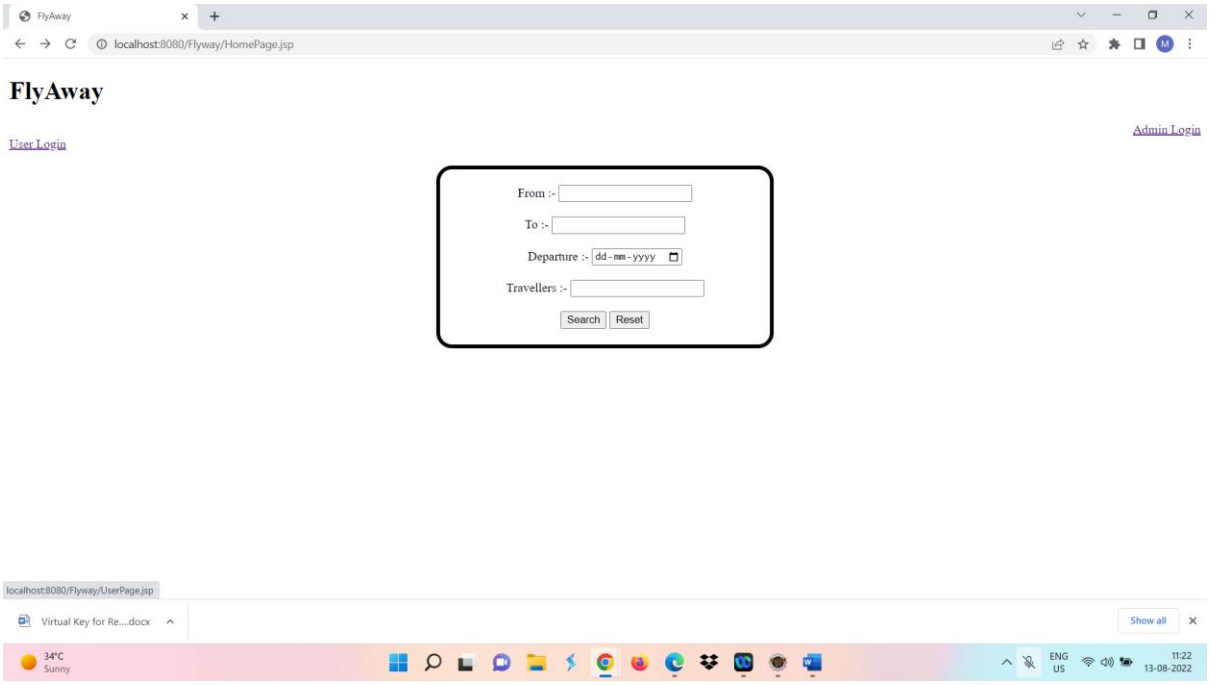
SPECIFICATION DOCUMENT

Below are the sub-sections set up to highlight project aesthetics and user interactions in order to demonstrate the capabilities of the product:

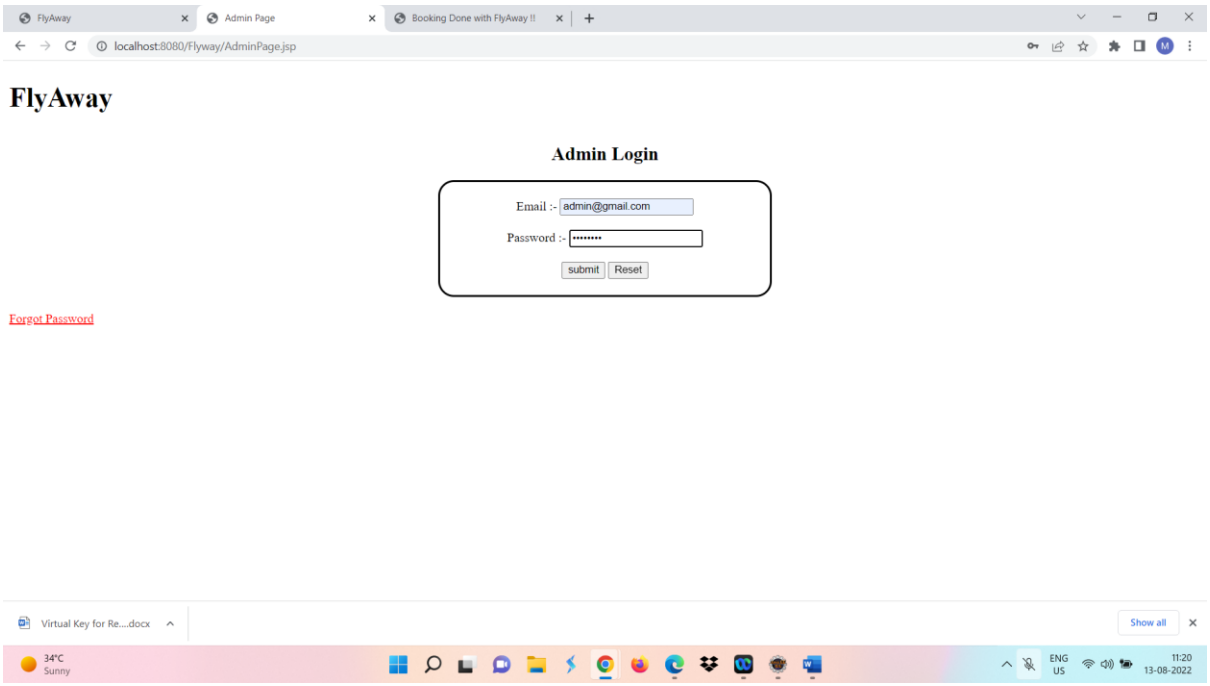
- **PRODUCT'S CAPABILITIES**
- **APPEARANCE**
- **USER INTERACTIONS**

- *Creating the New Dynamic web project in Eclipse*
- *I have created a Data access object, servlet and JSP file*
- *Servlet: AdminLogin.java, Flightlist.java, ForgetPassword.java InsertFlight.java , Logout.java ,UserLogin.java , UseRegistration.java*
- *JSP:AdminHome,AdminPage,BookFlight,FinalTicket,FinalList,ForgetPassword,HomePage,Payment,UserPage,UserRegistration*
- *Pushing the code to GitHub repository*

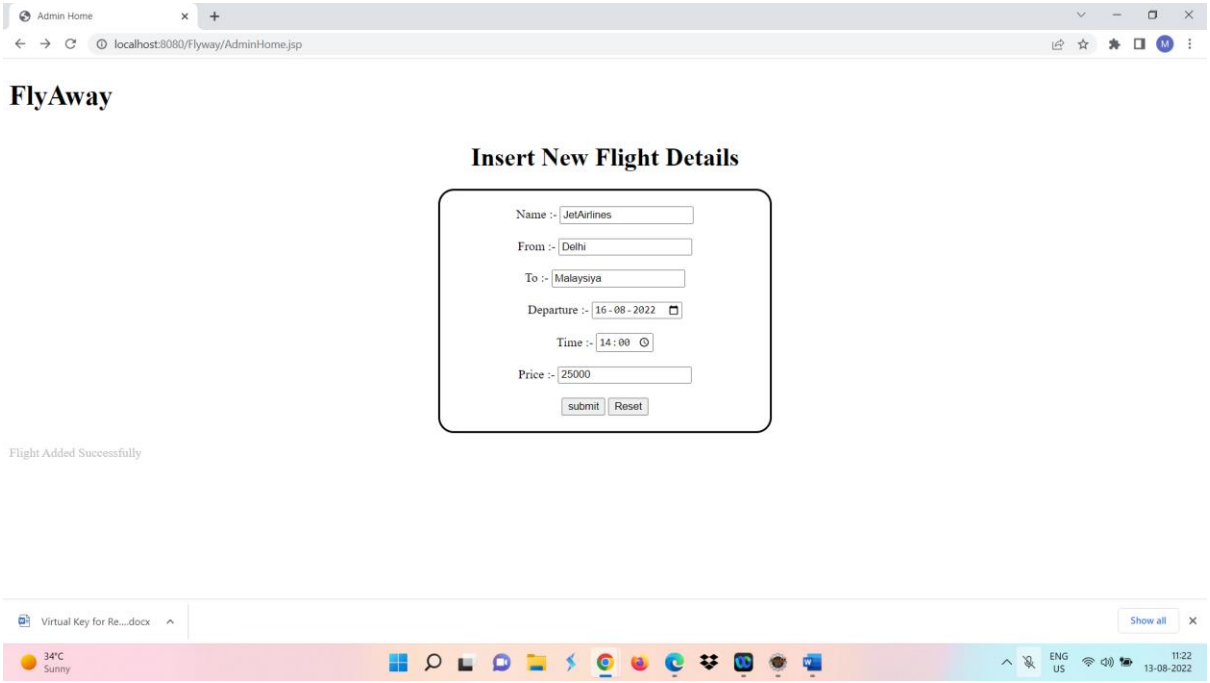
STEP 1: Home page

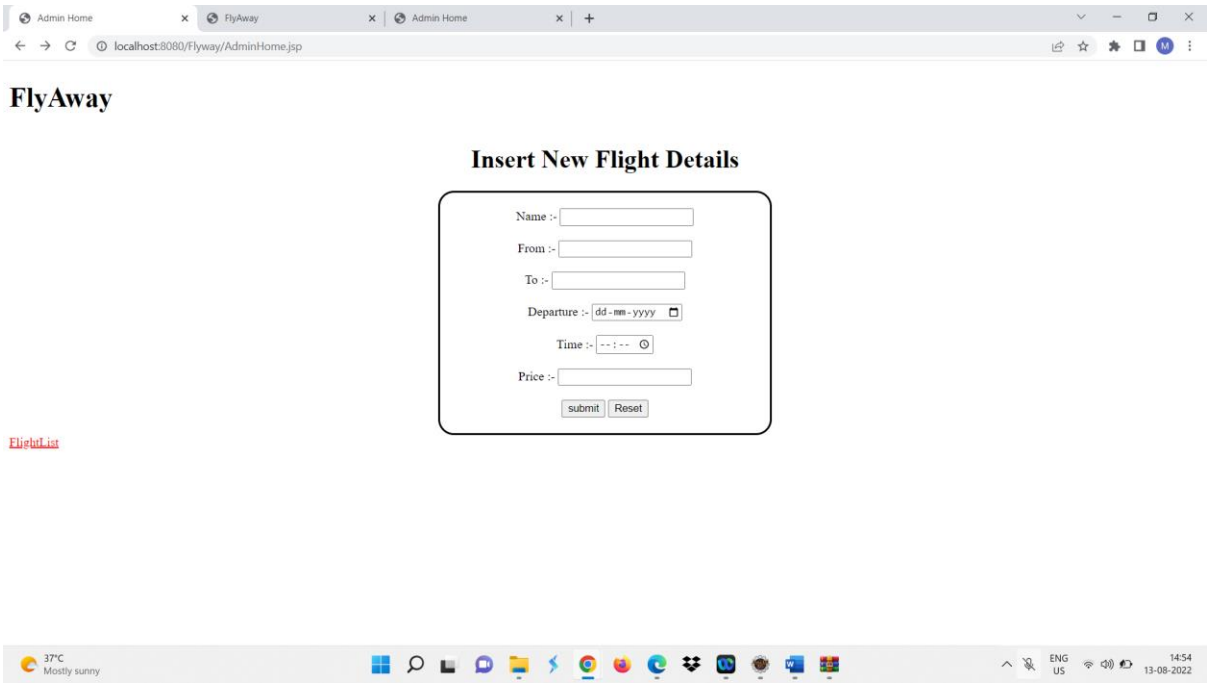


STEP 2: Admin Login Page

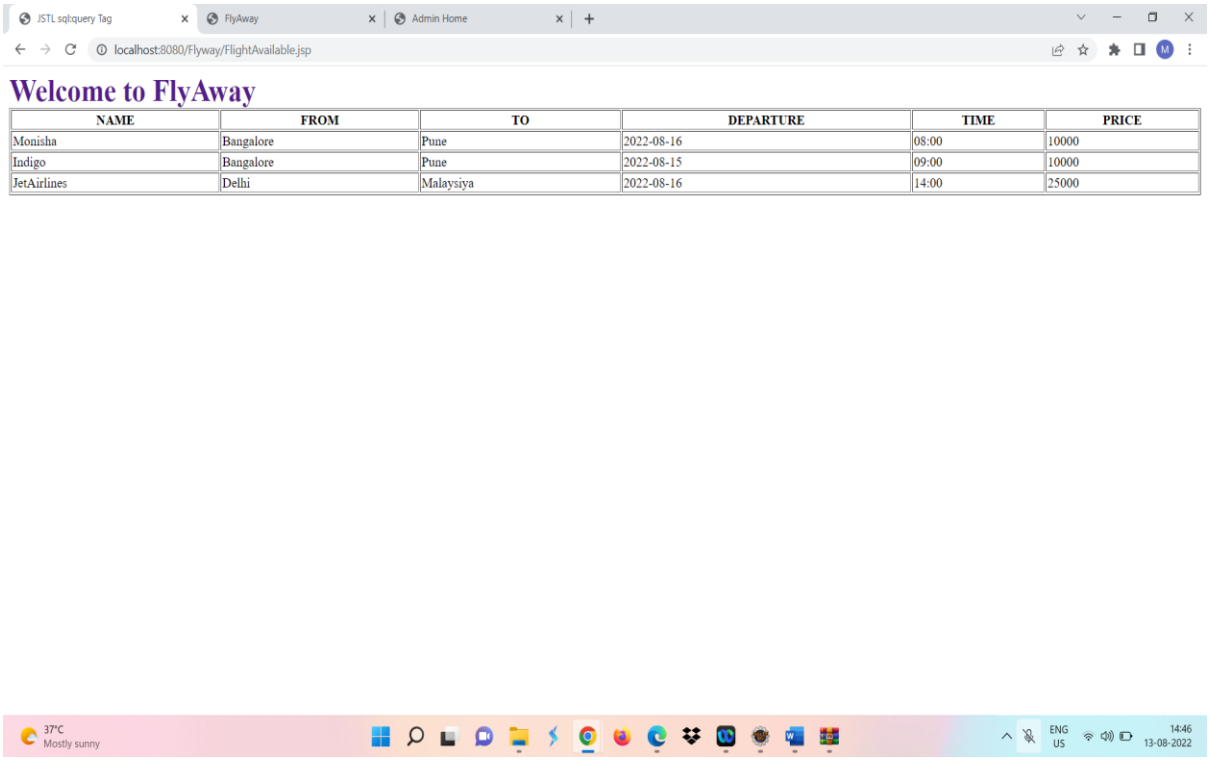


STEP 3: New flight insertion

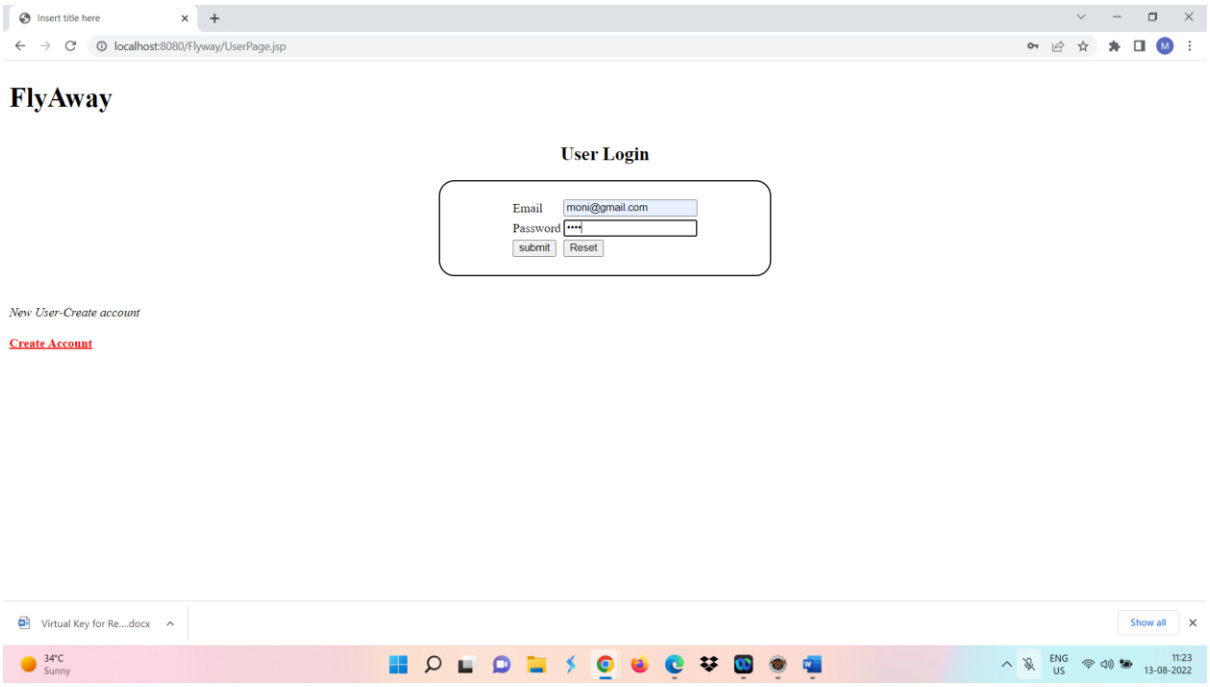




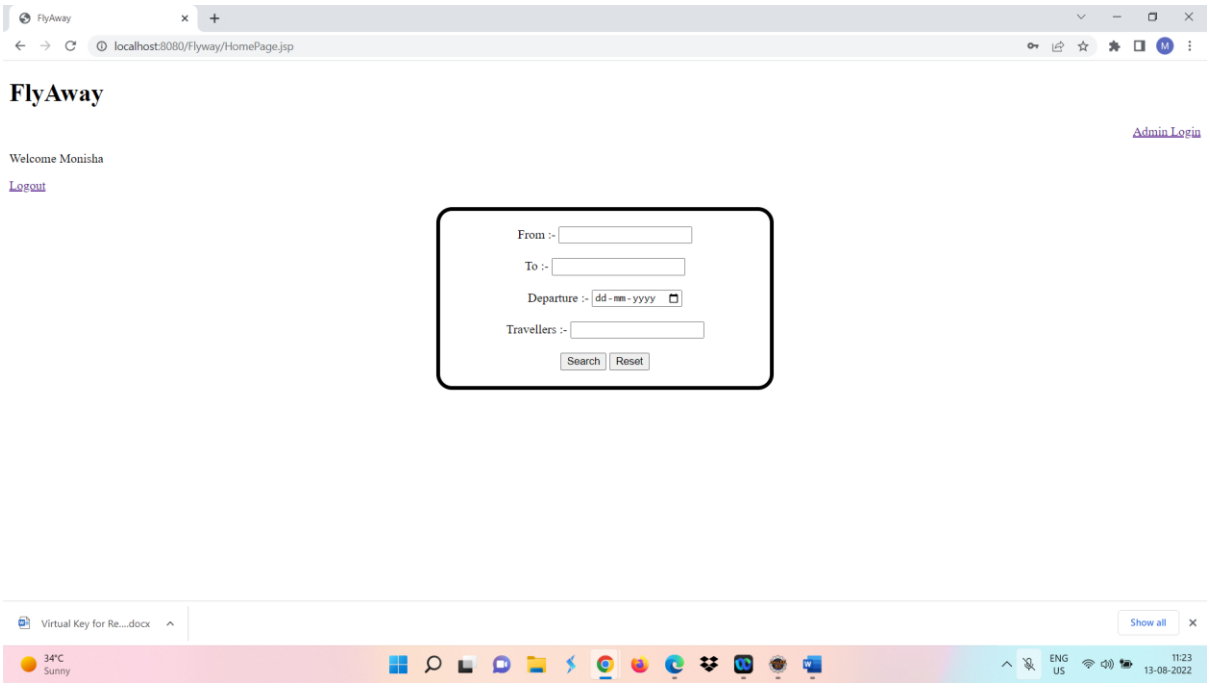
STEP 4: Flight List

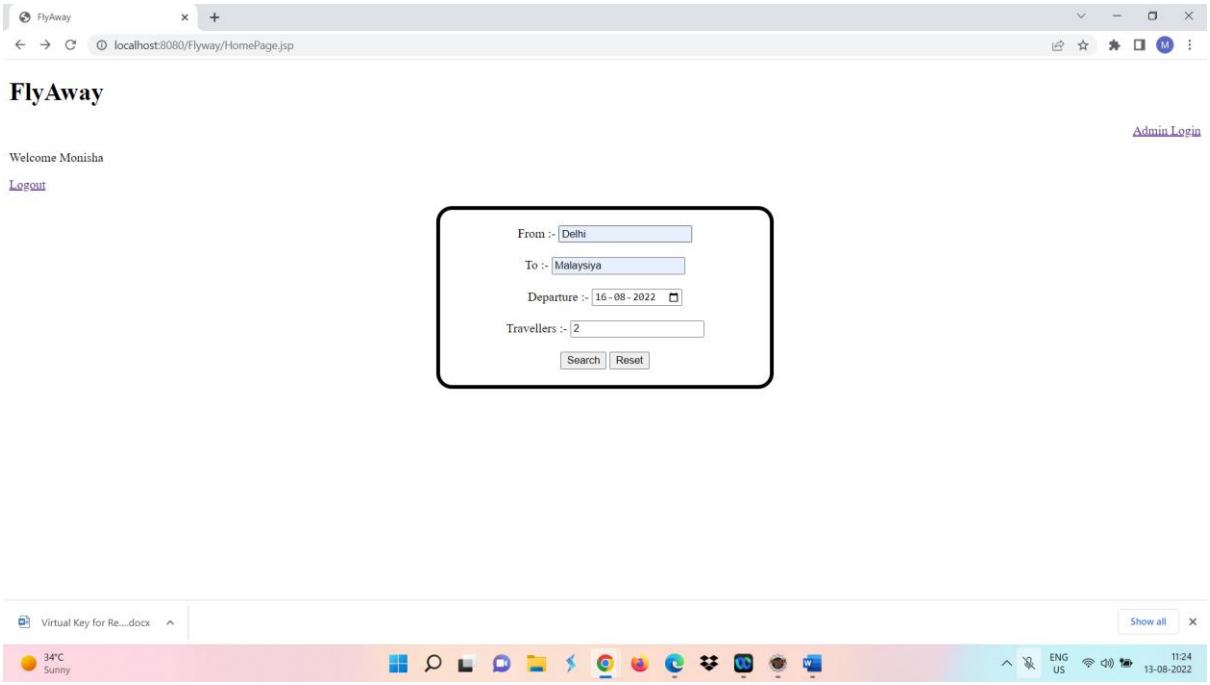


STEP 5: User Login page

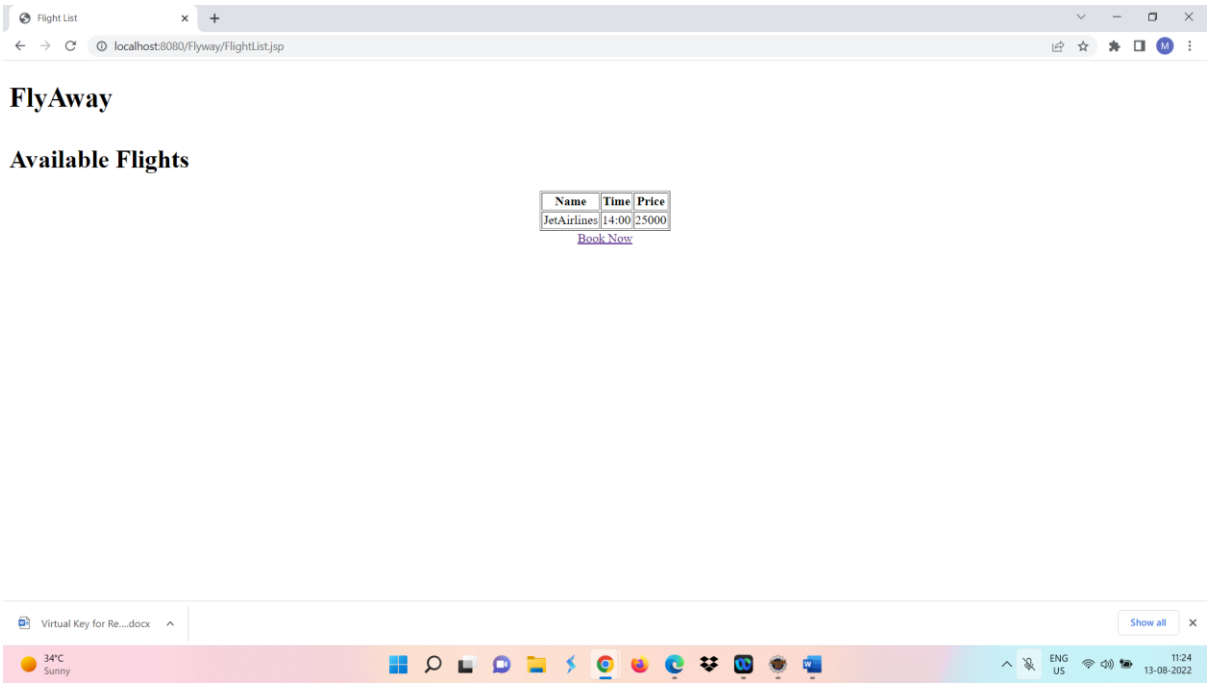


STEP 6: Checking for Flights

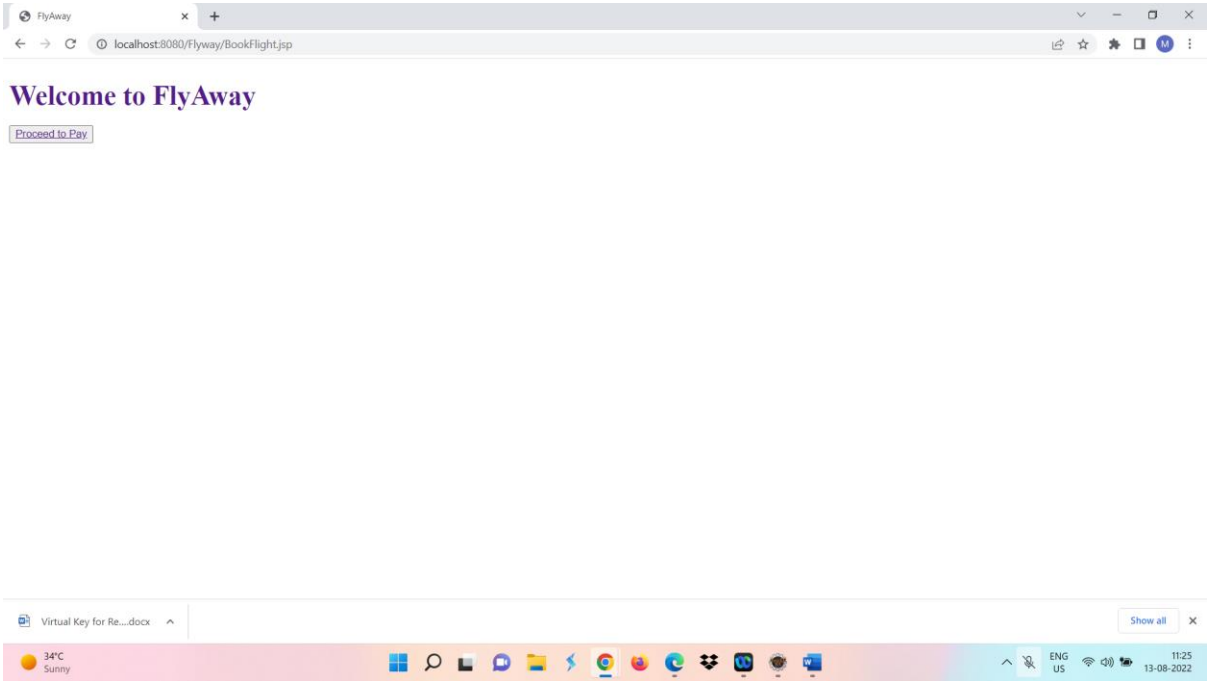




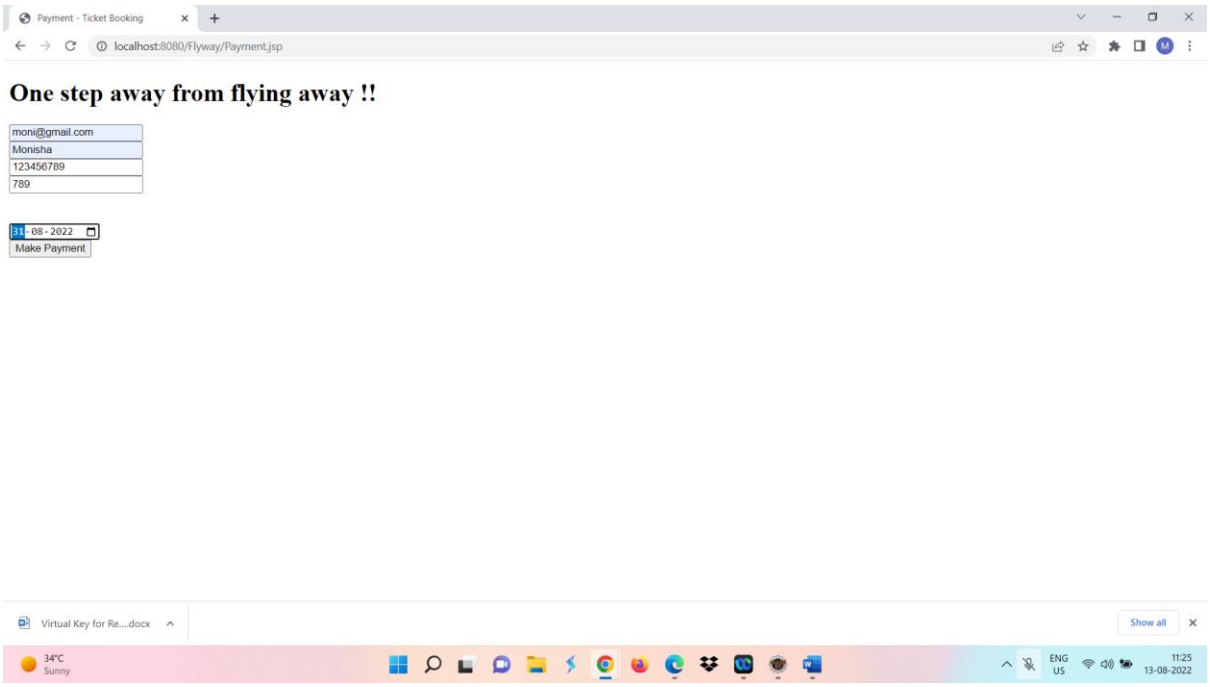
STEP 7: Available Flights



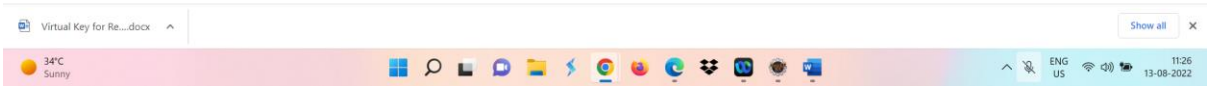
STEP 8: Payment page

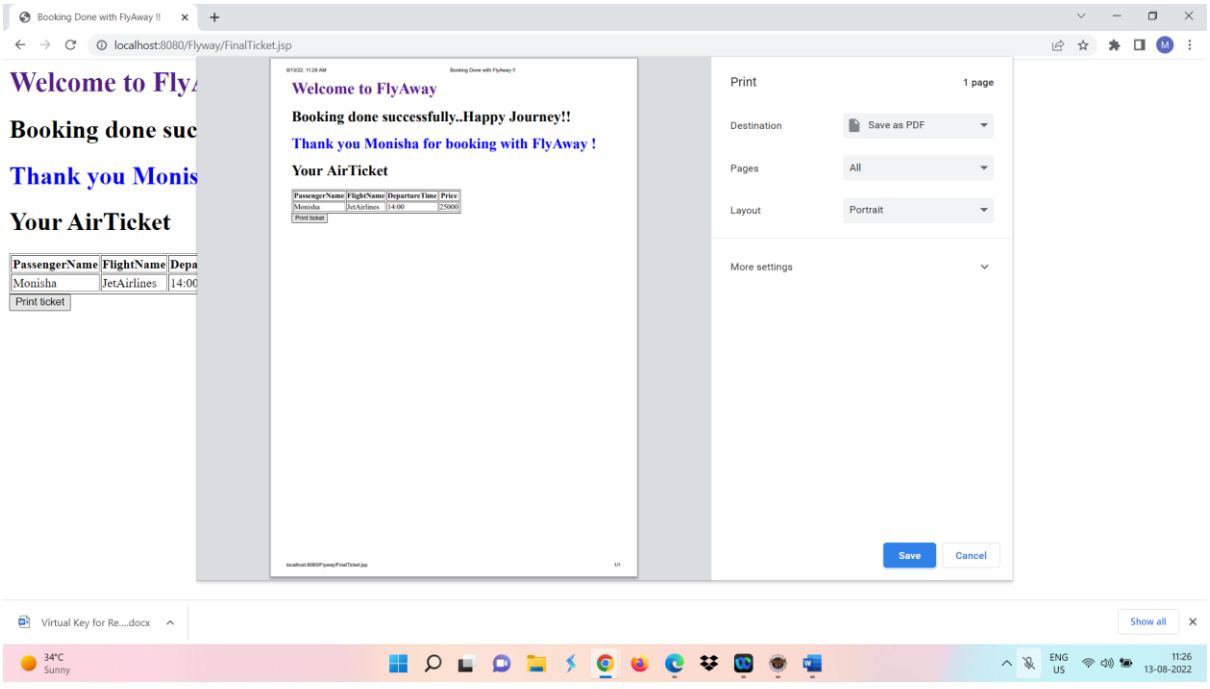


STEP 9: Payment details

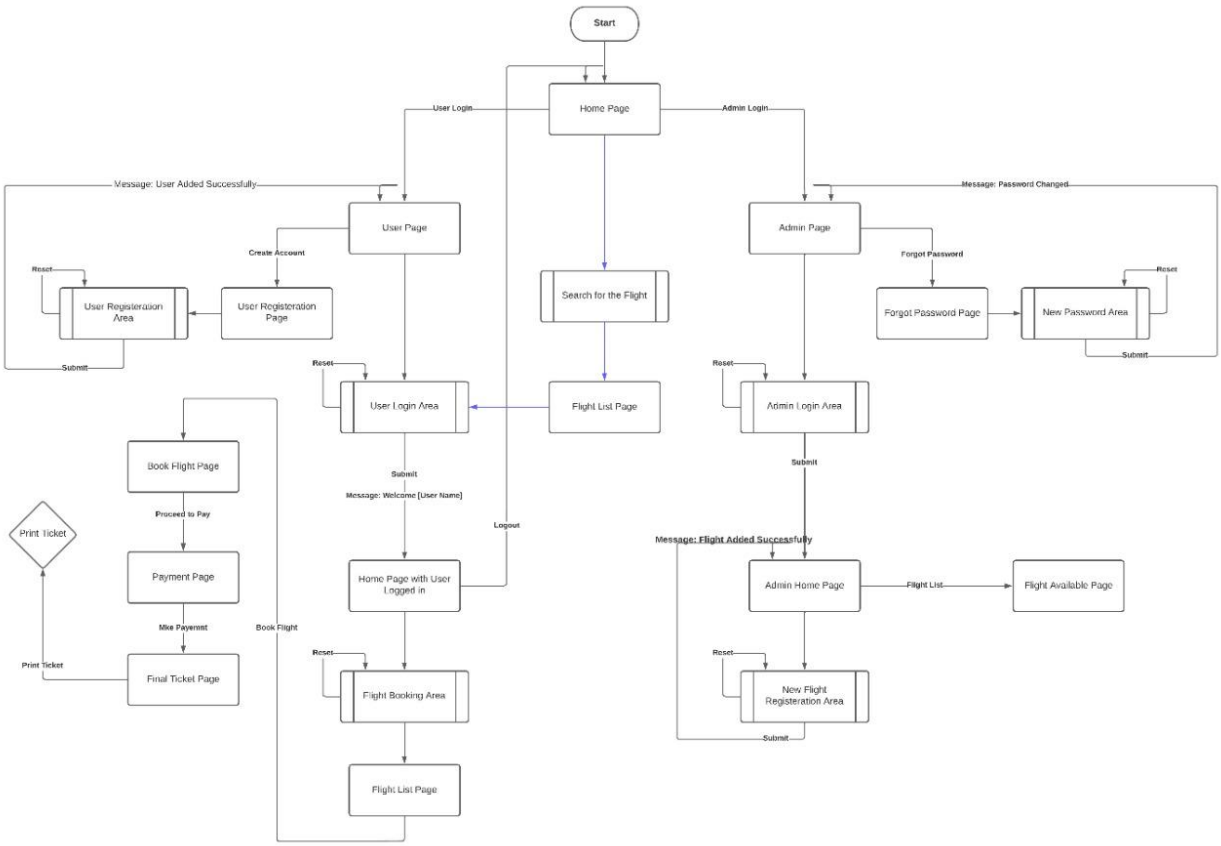


STEP 10: Confirmation Page





FLOW CHART:



FEATURES:

- A search form in the homepage to allow entry of travel details, like the date of travel, source, destination, and the number of persons.
- Based on the travel details entered, it will show the available flights with their ticket prices.
- Once a person selects a flight to book, they will be taken to a register page where they must fill in their personal details.
- In the next page, they are shown the flight details of the flight that they are booking, and the payment is done via a dummy payment gateway.
- On completion of the payment, they are shown a confirmation page with the details of the booking.

- An admin login page where the admin can change the password after login, if he wishes
- A master list of places for source and destination
  A master list of airlines
  A list of flights where each flight has a source, destination, airline, and ticket price.