

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 \(github.com\)](https://github.com/Nandy-M/PHASE1_Flyaway_Ticket_Booking_Portal/tree/main)

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

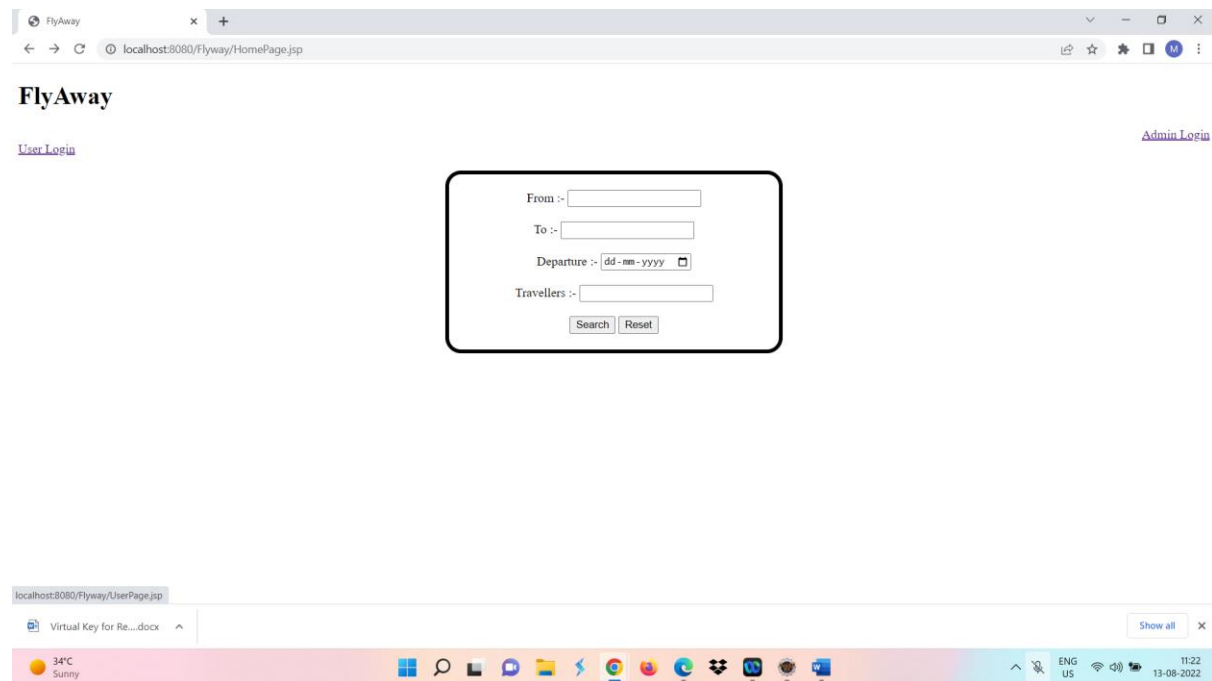
- ❖ Servlet
- ❖ JDBC Connectivity
- ❖ MySQL
- ❖ JSP
- ❖ Html

SPECIFICATION DOCUMENT

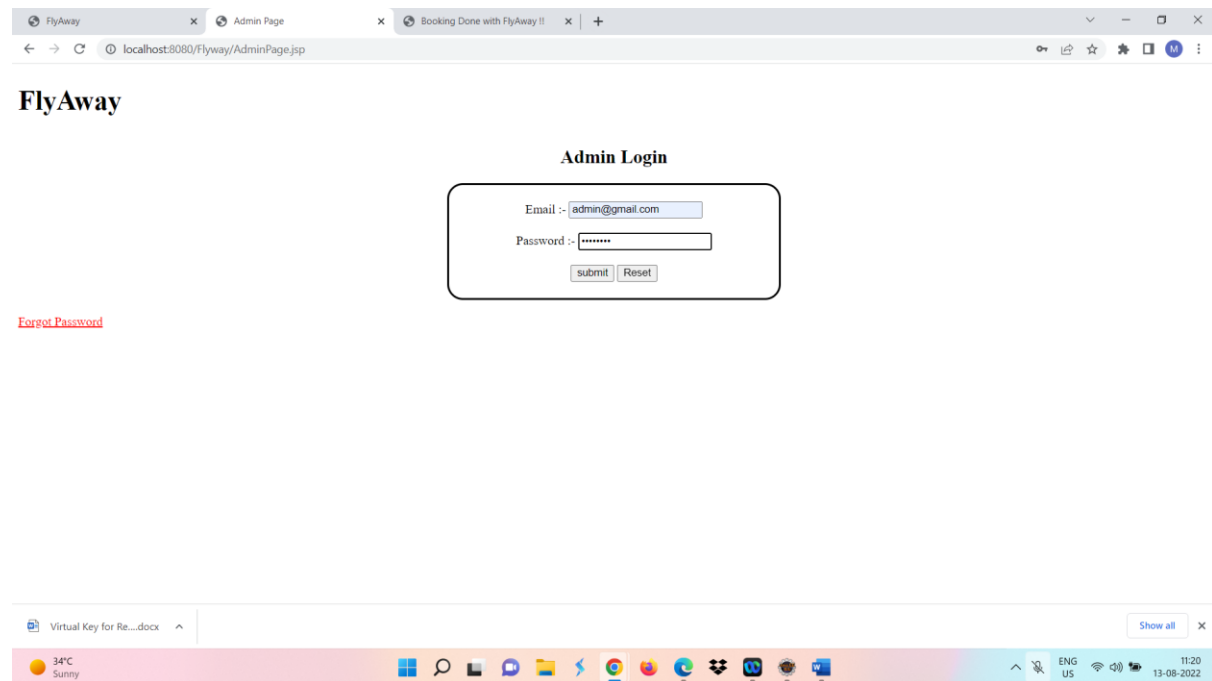
Below are the sub-sections set up to highlight project aesthetics and user interactions in order to demonstrate the capabilities of the product:

- **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*

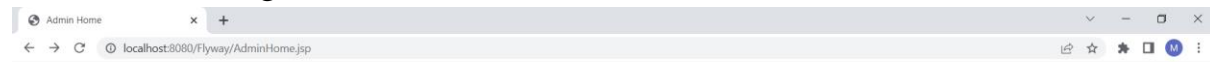
STEP 1: Home page



STEP 2: Admin Login Page



STEP 3: New flight insertion



FlyAway

Insert New Flight Details

Name :-

From :-

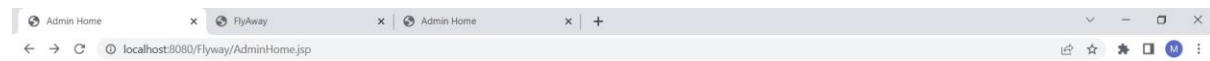
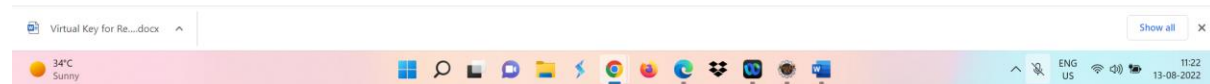
To :-

Departure :-

Time :-

Price :-

Flight Added Successfully



FlyAway

Insert New Flight Details

Name :-

From :-

To :-

Departure :-

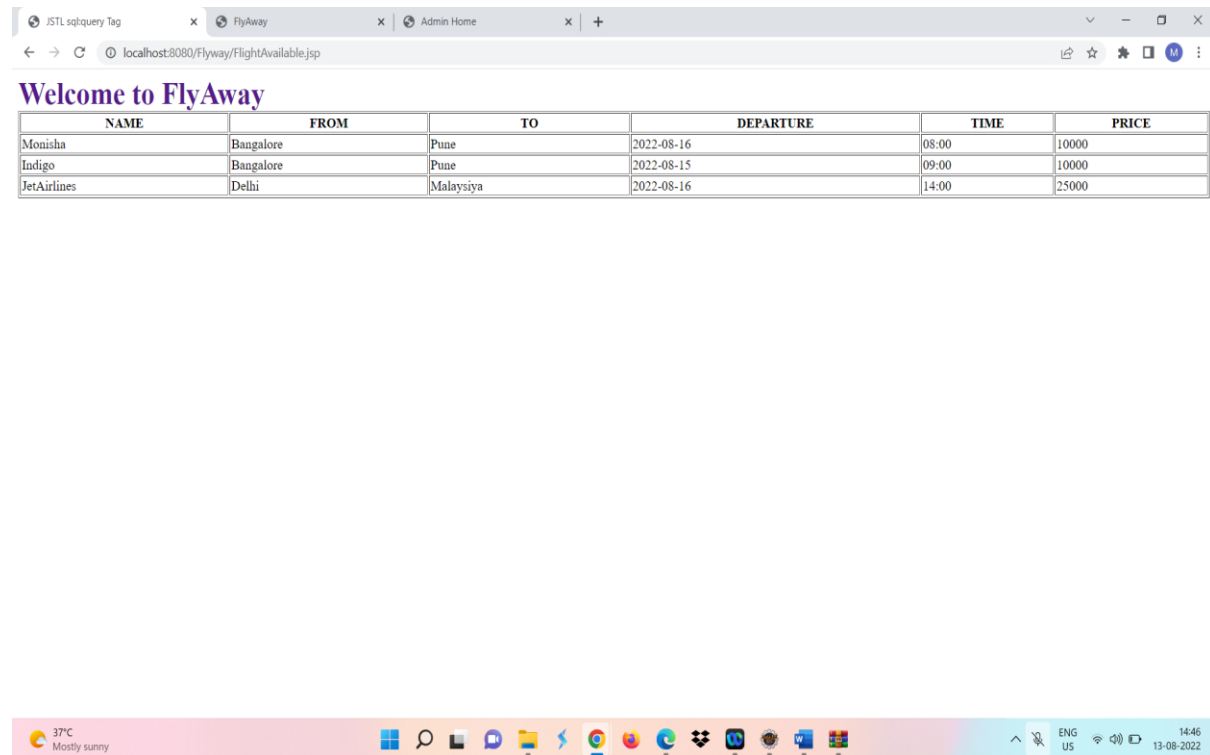
Time :-

Price :-

[FlightList](#)



STEP 4: Flight List



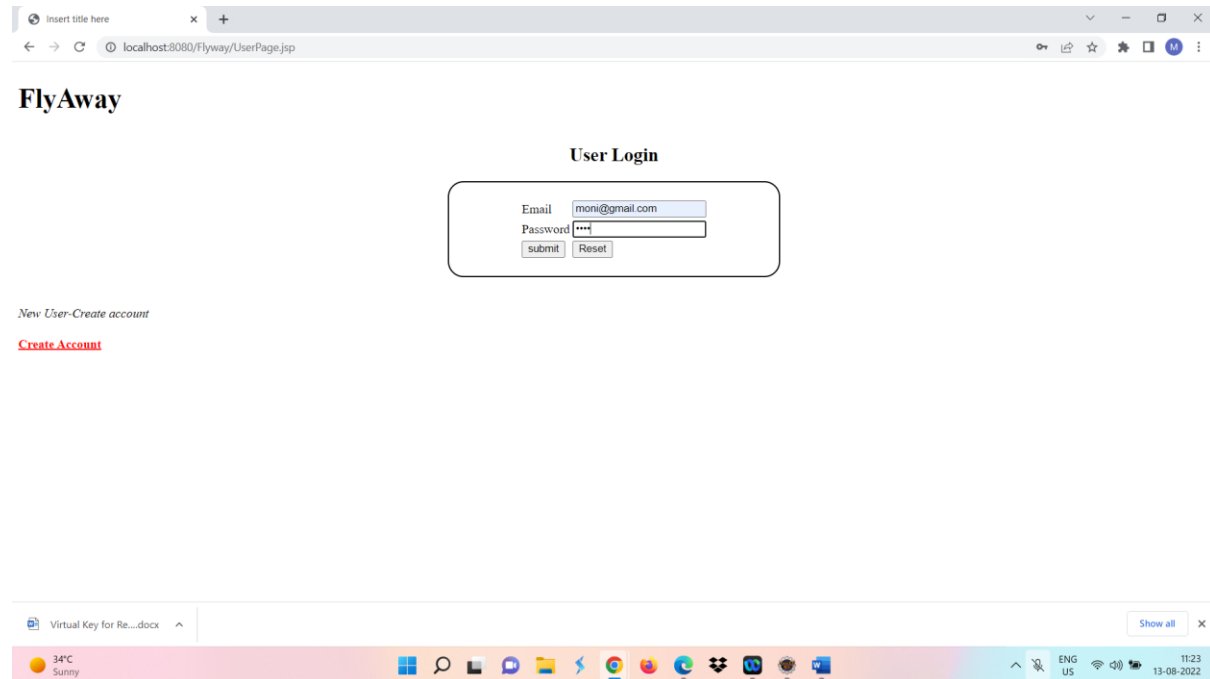
Welcome to FlyAway

NAME	FROM	TO	DEPARTURE	TIME	PRICE
Monisha	Bangalore	Pune	2022-08-16	08:00	10000
Indigo	Bangalore	Pune	2022-08-15	09:00	10000
JetAirlines	Delhi	Malaysiya	2022-08-16	14:00	25000

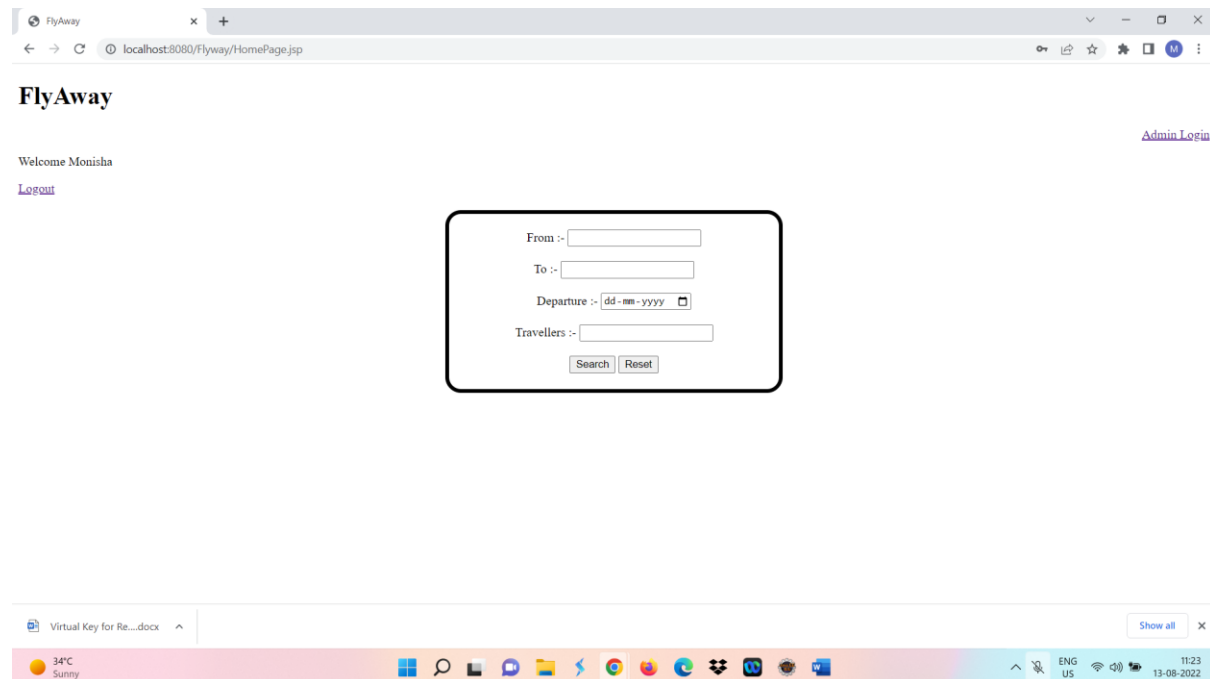
37°C Mostly sunny

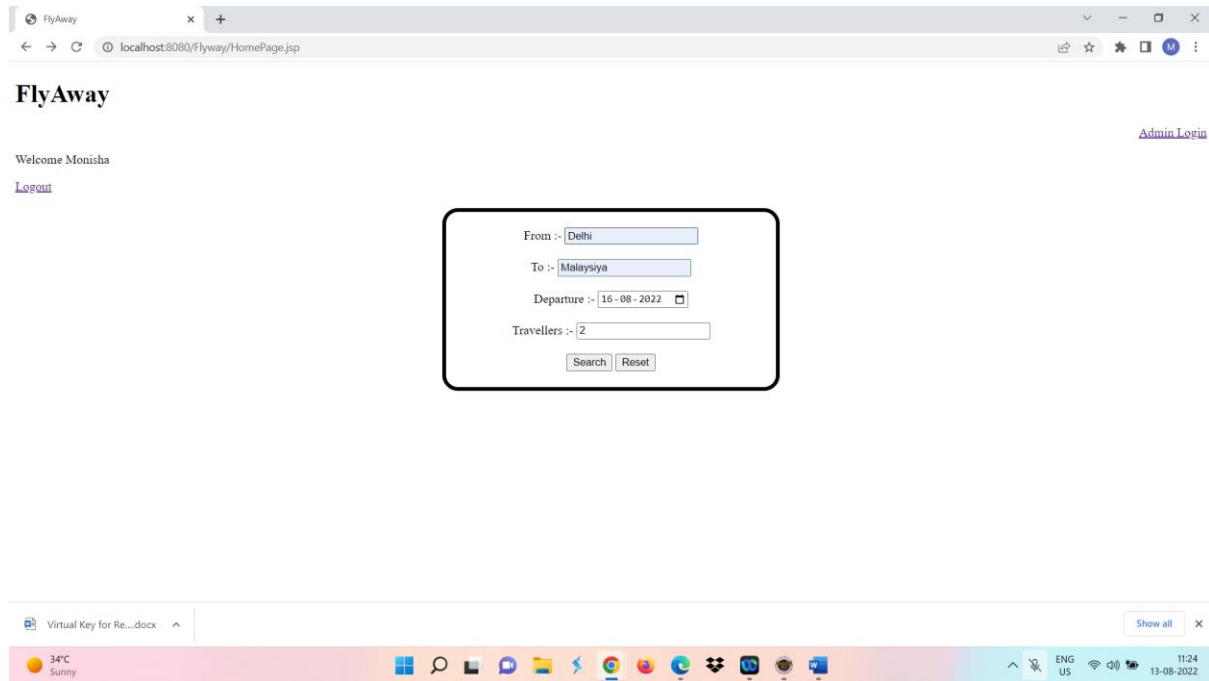
ENG US 14:46 13-08-2022

STEP 5: User Login page

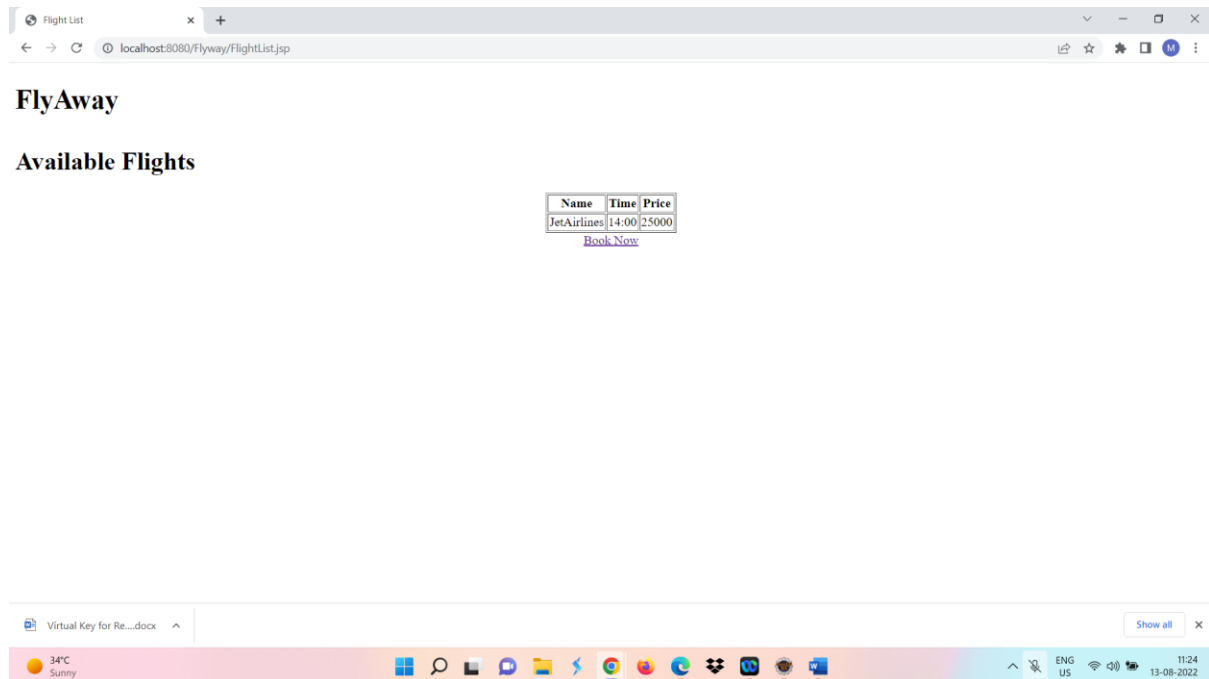


STEP 6: Checking for Flights

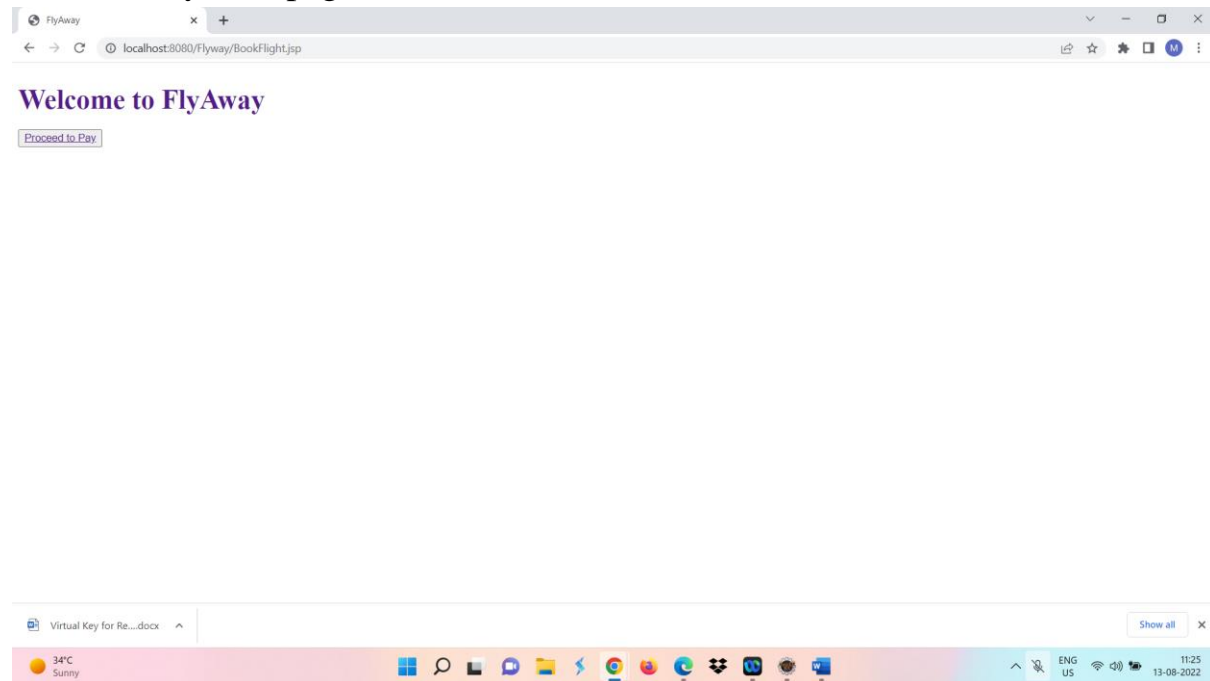




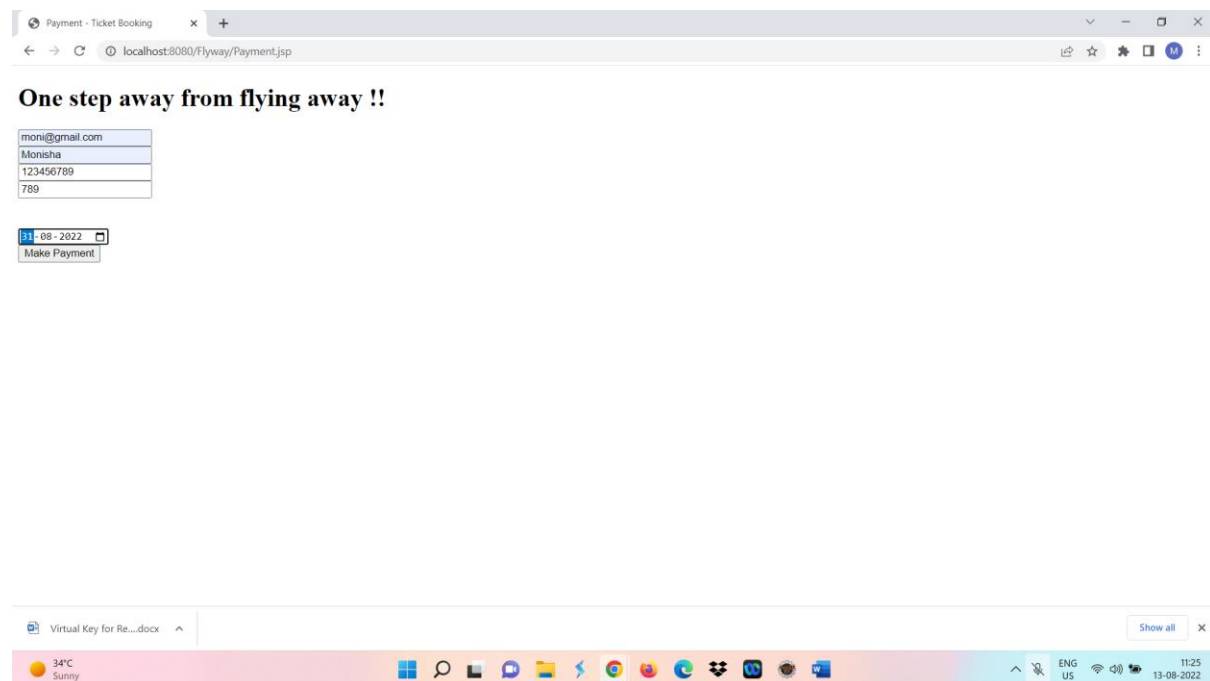
STEP 7: Available Flights



STEP 8: Payment page



STEP 9: Payment details



STEP 10: Confirmation Page



Booking Done with FlyAway !!

localhost:8080/Flyway/FinalTicket.jsp

Welcome to FlyAway

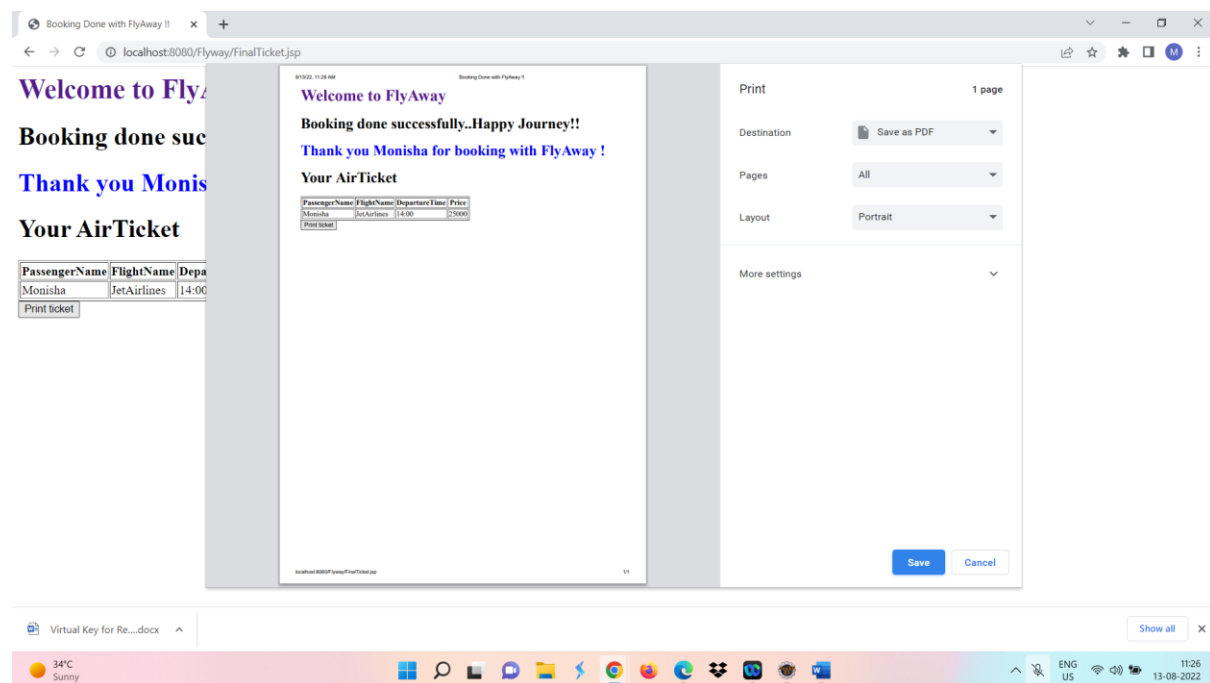
Booking done successfully..Happy Journey!!

Thank you Monisha for booking with FlyAway !

Your AirTicket

PassengerName	FlightName	DepartureTime	Price
Monisha	JetAirlines	14:00	25000

Print ticket



Booking Done with FlyAway !!

localhost:8080/Flyway/FinalTicket.jsp

Welcome to FlyAway

Booking done successfully..Happy Journey!!

Thank you Monisha for booking with FlyAway !

Your AirTicket

PassengerName	FlightName	DepartureTime	Price
Monisha	JetAirlines	14:00	25000

Print ticket

Print 1 page

Destination Save as PDF

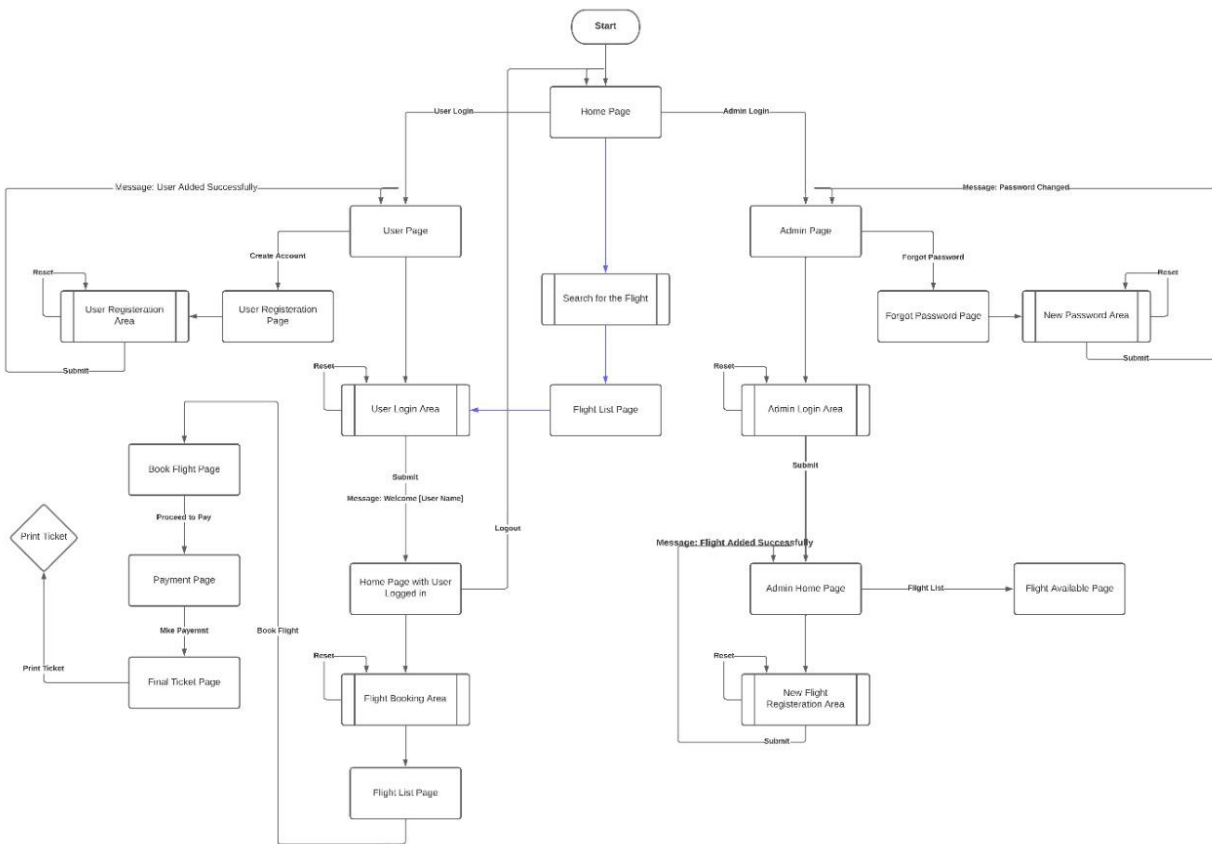
Pages All

Layout Portrait

More settings

Save Cancel

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.