

FLYAWAY.COM PROJECT

DEVELOPER DETAILS:

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PROJECT DETAILS:

Company Name: FlyAway .

Aim: To design and develop an airline booking portal named as FlyAway

First Project Name: FlyAway.com

Goal of the company: To deliver a high-end quality product as early as possible.

The website needs to have the following 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.

For the above features to work, there will be an admin backend with the following features:

- 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

SPRINTS PLANNED AND TASKS ACHEIVED IN THEM:

We have planned 3 sprints for developing this application prototype in 3 weeks:

Sprint –1

Sprint – 2

Sprint - 3

Sprint 1:(Week 1)

Concept Clarification

- Setting up Git and GitHub account to store and track your enhancements of the portal
- Java concepts will be used in the project

Document Specification

Here we are developing an airline booking portal which does

- i. A search form in the homepage to allow entry of travel details, like the date of travel, source, destination, and the number of persons.
- ii. Based on the travel details entered, it will show the available flights with their ticket prices.
- iii. 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.
- iv. Login page to authenticate a user to FlyAway Portal

Sprint 2:(Week 2) DEVELOPING:

Task 1:

- ✓ Code to build registration page to enter user in system

Task 2:

- ✓ Code to build Login page to authenticate Admin.

Task 3:

- ✓ I want admin have access of master list of places for source and destination, list of airlines, list of flights where each flight has a source, destination, airline, and ticket price

Task 4:

- ✓ I want admin should have master list of places for source and destination.

Task 5:

- ✓ I want admin should have master list of airlines

Task 6:

- ✓ I want admin should have A list of flights where each flight has a source, destination, airline, and ticket price.

Task 7:

- ✓ Code to create session logouts for both User and Admin.

Sprint 3:(Week 3)

Exception Handling

All exceptions are handled in a way that application do not close, exit, or throw an exception if the user specifies an invalid input.

Testing

Errors are handled by testing the application manually with different input and conditions.

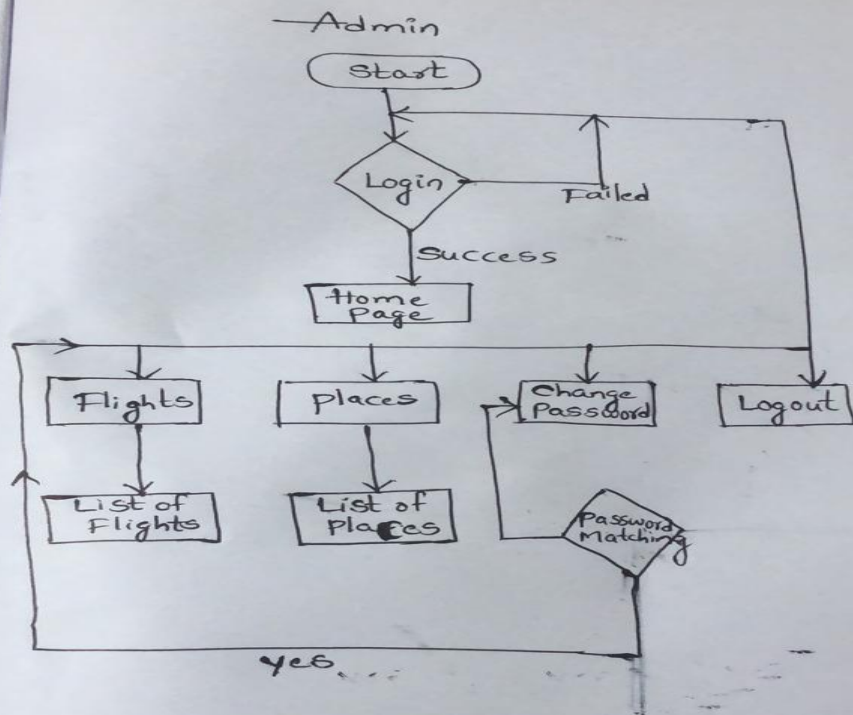
Product Release

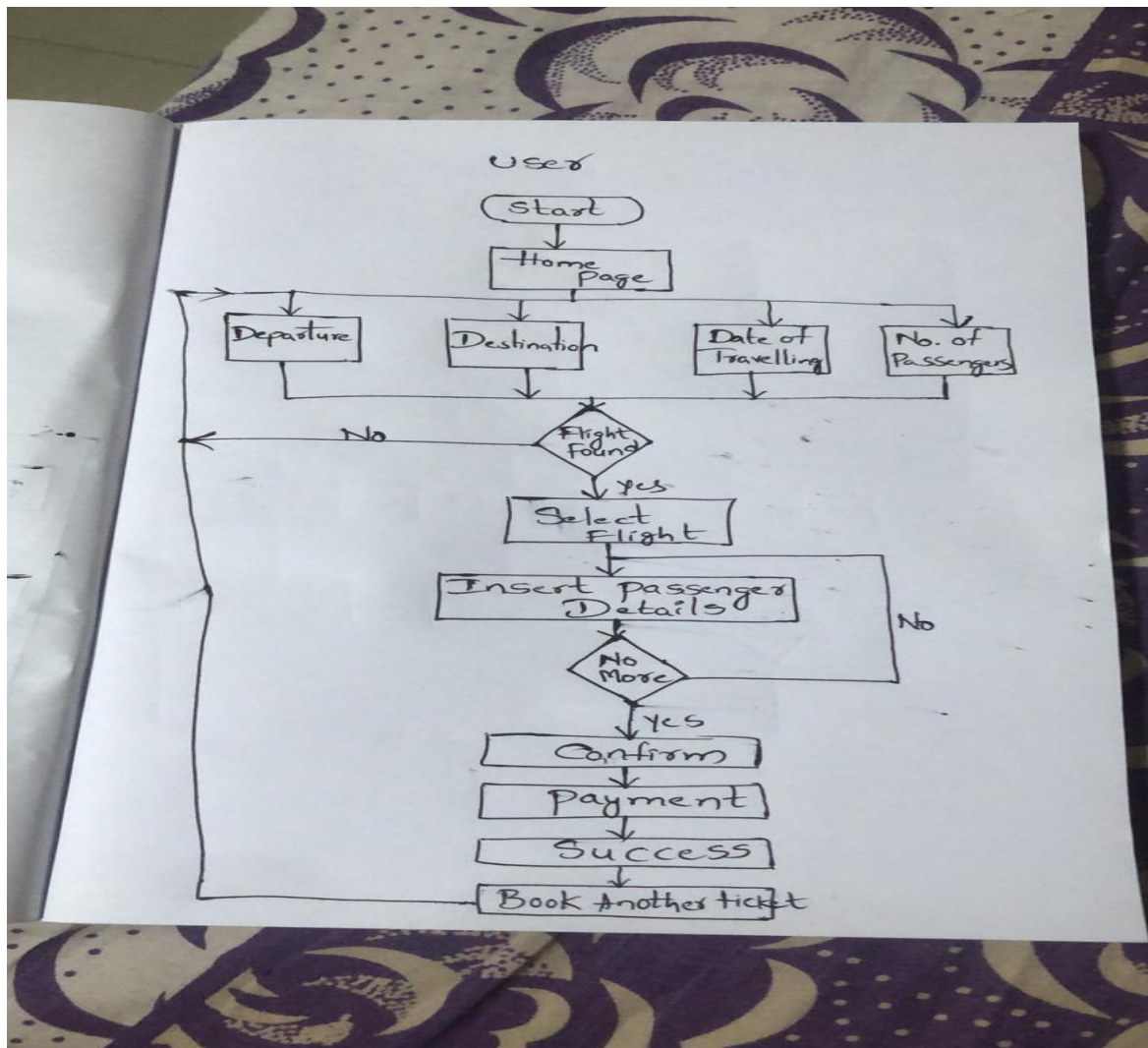
Finally, product was released by pushing code to GitHub.

LIST OF CORE CONCEPTS USED:

- Java
- Data Structures
- Servlets
- JSP
- HTML/CSS
- Hibernate (ORM framework)
- MySQL

FLOWCHARTS:

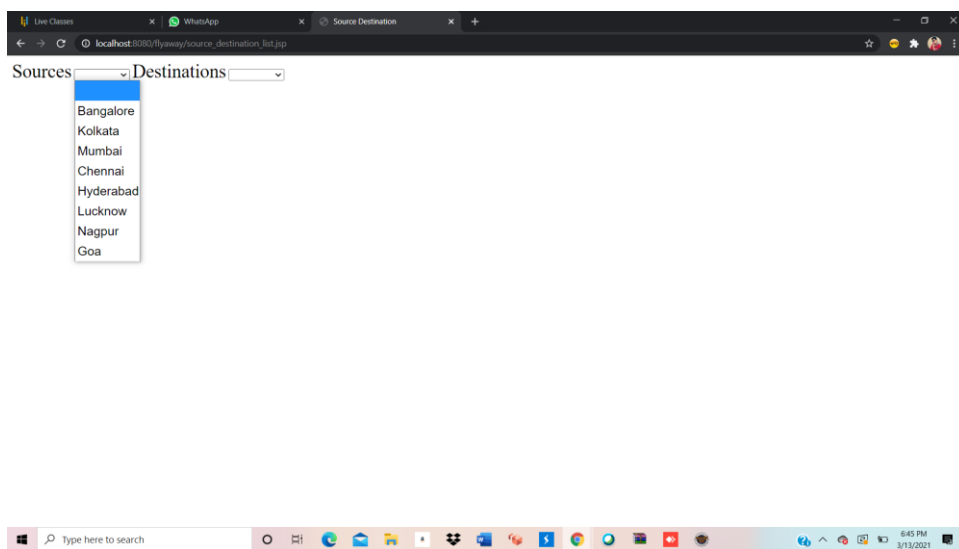
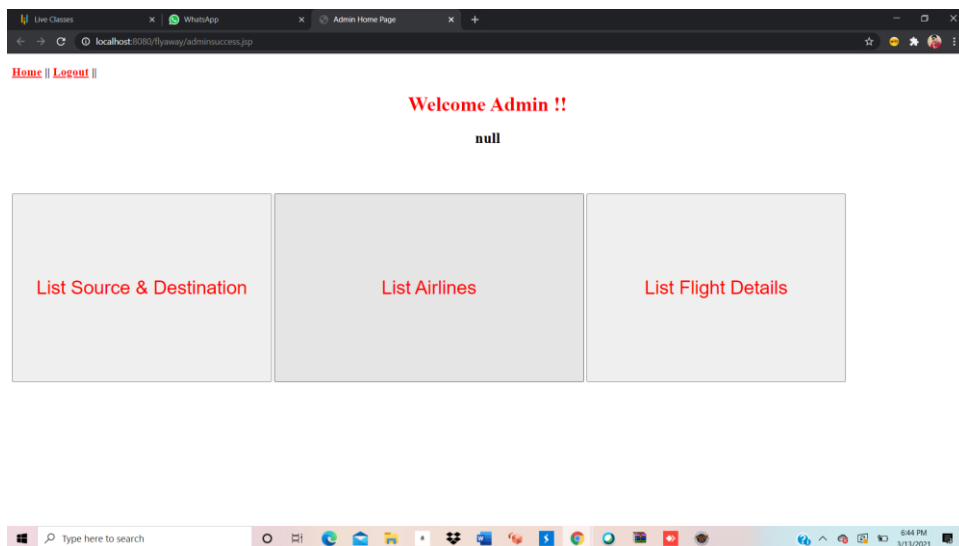
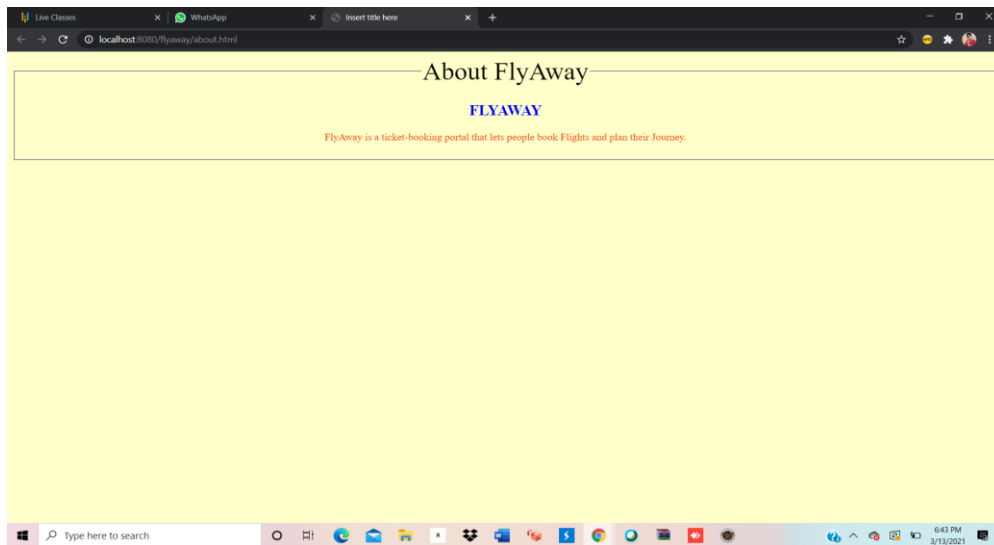


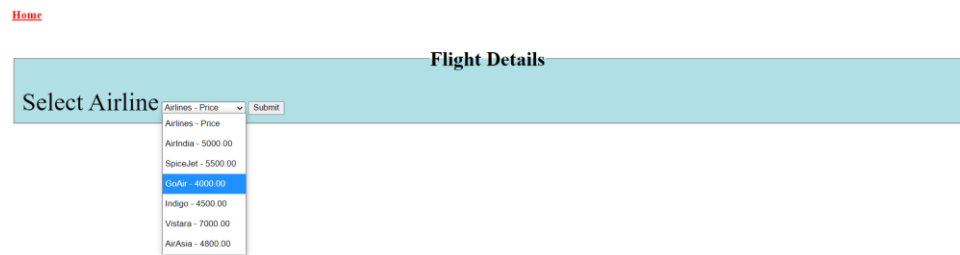
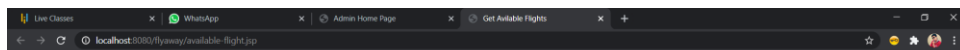
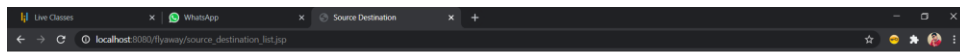


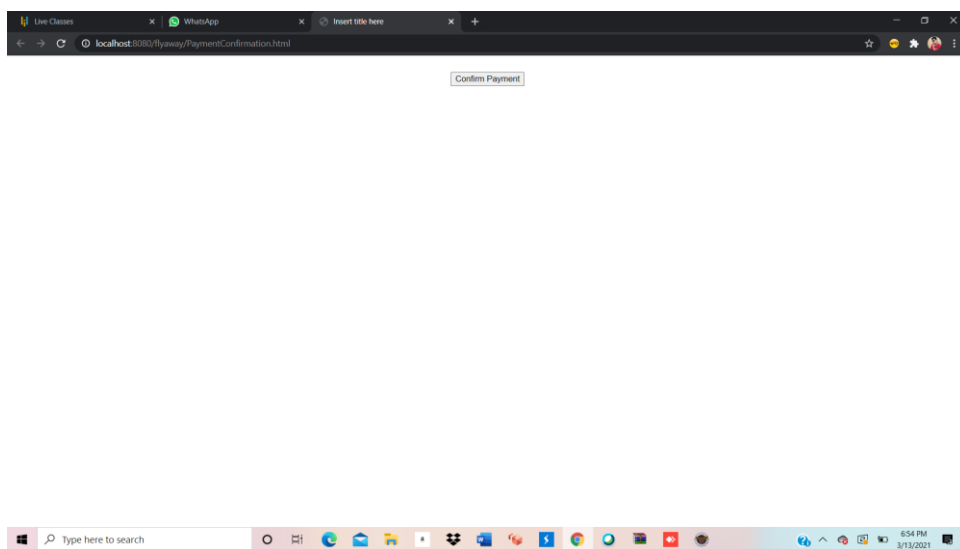
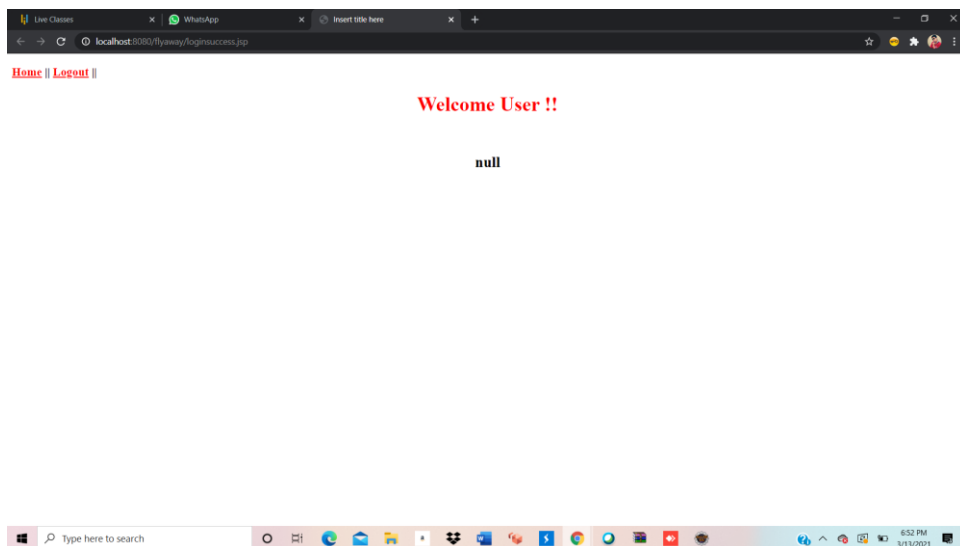
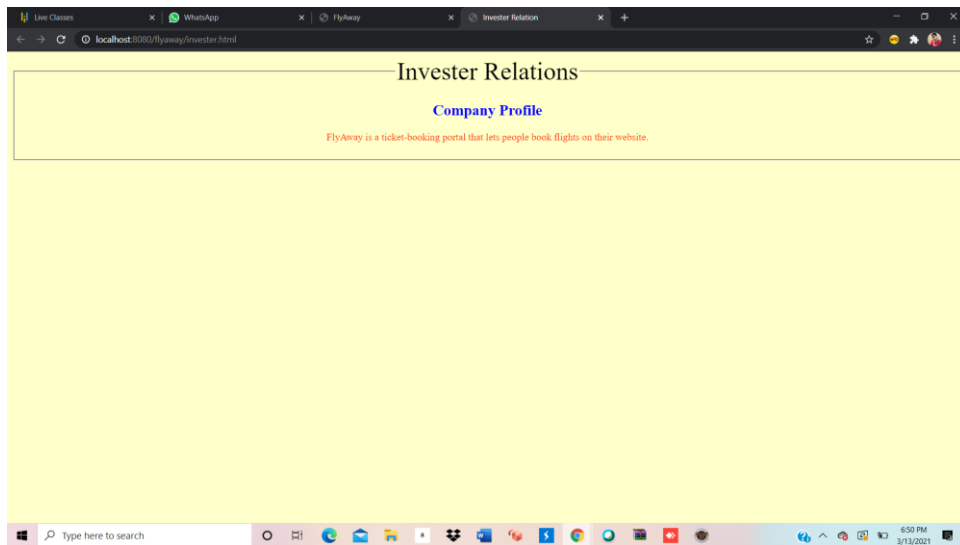
GITHUB REPOSITORY LINK:

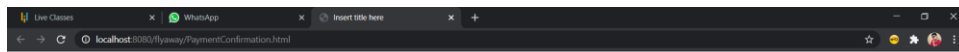
<https://github.com/VYSHNAVI1993/flyaway.git>

CONCLUSION WITH RESULTS









Confirm Payment

Payment Successful !



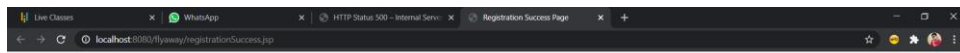
Register Here

Username:

Password:

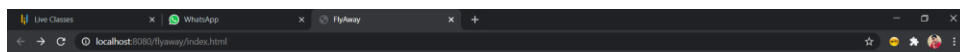
Email:





You are successfully Registered !

[Click Here To Login](#)



FlyAway

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Search Flights

Source Destination Travellers Journey Date

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