

Phase 2:Course-end project 2

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Name of the project : FlyAway(An Airline Booking Portal)

id: 10827

# Abstract Document and WriteUp

## **Project Objective:**

To Complete the features of the application by planning the development in terms of sprints and then push the source code to the GitHub repository.

## **Project Overview:**

This Project is a Website Portal where the users can book their flight tickets and Print them. The website is maintained by the admin, where admins can change the password, view available flights.

## **Sprint Planning:**

I have divided the project in four sprints for proper maintenance of the project

Sprint 1: In the first sprint, I have designed the login pages for users and admin and added their credentials in the database and also designed the tables for the same as well as for the flight details.

Sprint 2: In the Second sprint, I have designed the admin operations such as change password, list the available flights and its details.

Sprint 3: In this sprint, I have added the user operation i.e., booking the flights by adding the required conditions.

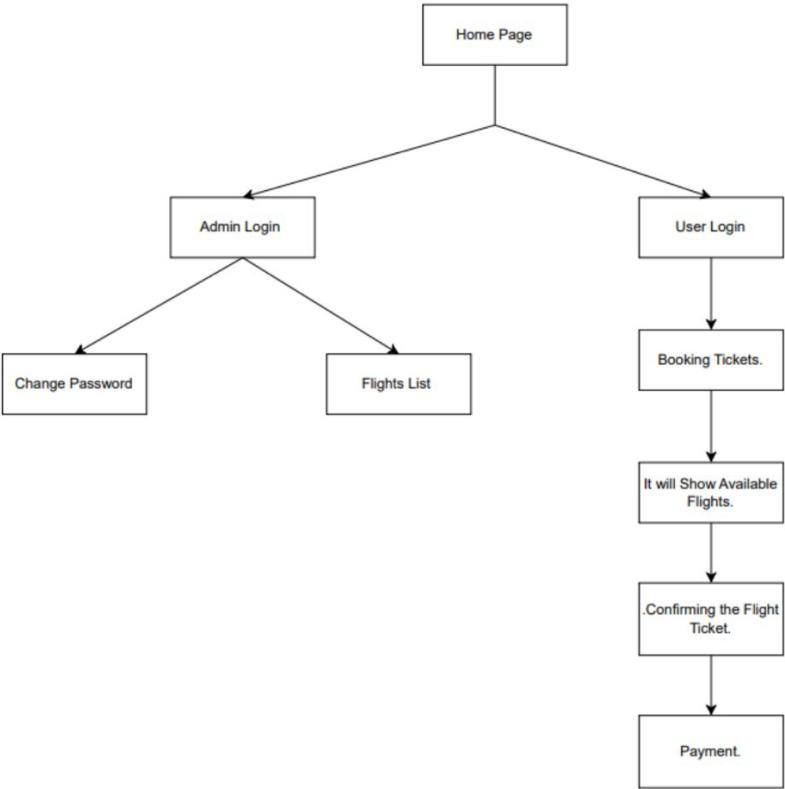
Sprint 4: In the fourth sprint, I have added the booking and printing the ticket operation.

## **Java Concepts used:**

- Servlets
- Jsp
- Html tags
- SQL queries

**GitHub link:** <https://github.com/ManasaJoshi-ops/FlyAway>

FlowChart :



## **Algorithm:**

Step1 : Create a Home Page with links to user and admin login

Step 2: If you are an admin login with admin login option and you will be displayed with options like change password and list the available flight details

Step 1: You can change the password from here

Step 2: You can list the flight details from here such as Flight ID, Name of the flight, Source, destination, day, ticket price.

Step 3: If you are a normal user, then login with the given credentials, you will be displayed with the user operation i.e., book flight

Step 4: You have to search for the required flight, then you will be redirected to book flight portal, you can complete your payment and print your ticket

**Conclusion :** We can enhance this project in future by adding the total number of tickets, tickets sold, type of flights(Business class or economy). We can add front end features such as CSS and JS to make the website user friendly.