



## **Week 8 - Project Report**

**By : Kanchan Rai**

## **Topic :Angular Frontend - Flight Booking System**

The following document contains the description and explanation of the project **Angular Frontend - Flight Booking System**. This project has all the required requirements of the Week 8 project. The project as of now implements JWT Auth - Login / Sign Up, Search Flights and User History.

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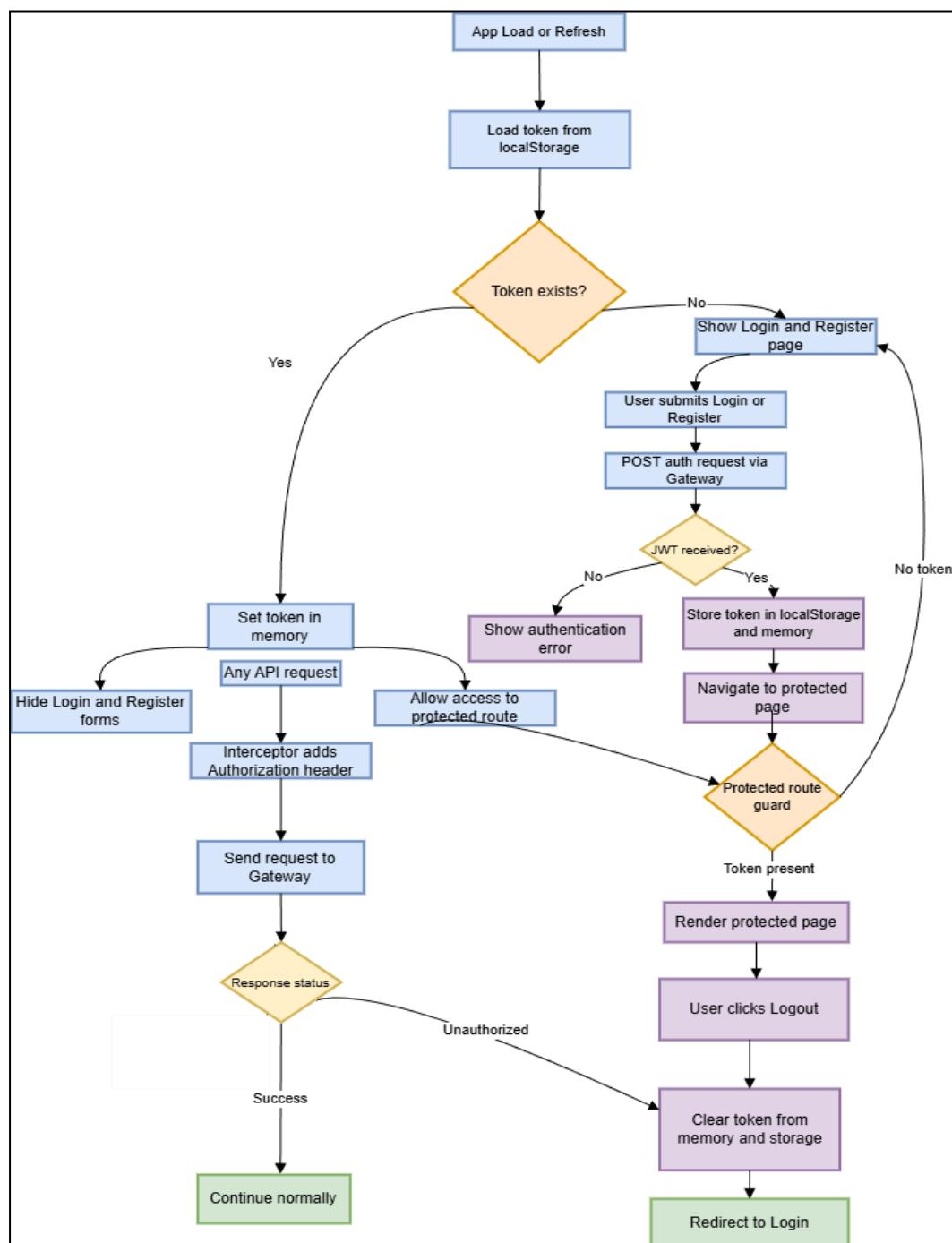
# 1. Project Overview

This project makes use of the “Dokerized Services” of “Flight Booking System” as the backend. It is made in Angular Js, with the JWT Auth and all validations.

Currently the project utilises these functionalities from the backend project

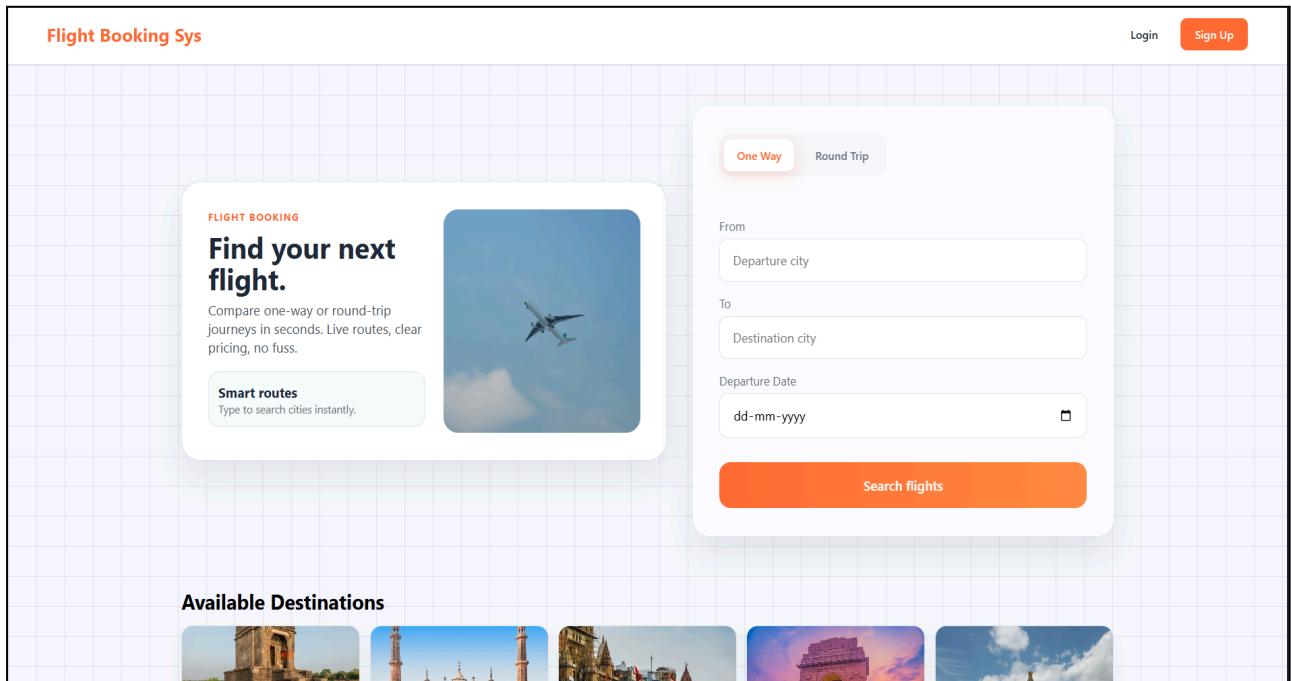
- Search Flights - PUBLIC Endpoint with no authentication required
- User Sign Up - PROTECTED Endpoint
- User Login - PROTECTED Endpoint
- User History - PROTECTED Endpoint

## 1.1. Frontend Authorization Flow

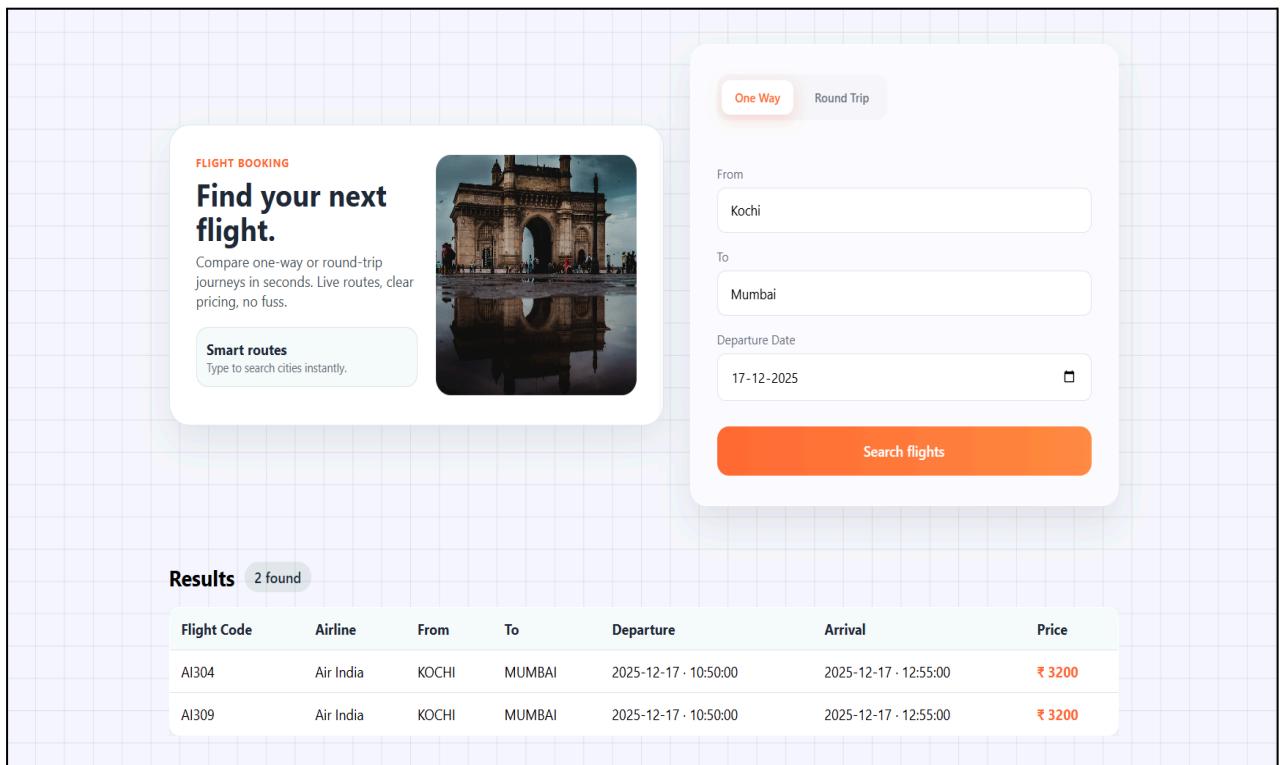


## 2. Endpoints and Website Flow

### 2.1 Home Page



### 2.2 Search Flights



# Validations

Source and destination cannot be the same.

FLIGHT BOOKING

**Find your next flight.**

Compare one-way or round-trip journeys in seconds. Live routes, clear pricing, no fuss.

Smart routes  
Type to search cities instantly.



From: Kochi

To: Kochi

Departure Date: 17-12-2025

Search flights

Available Destinations



Kanpur

Lucknow

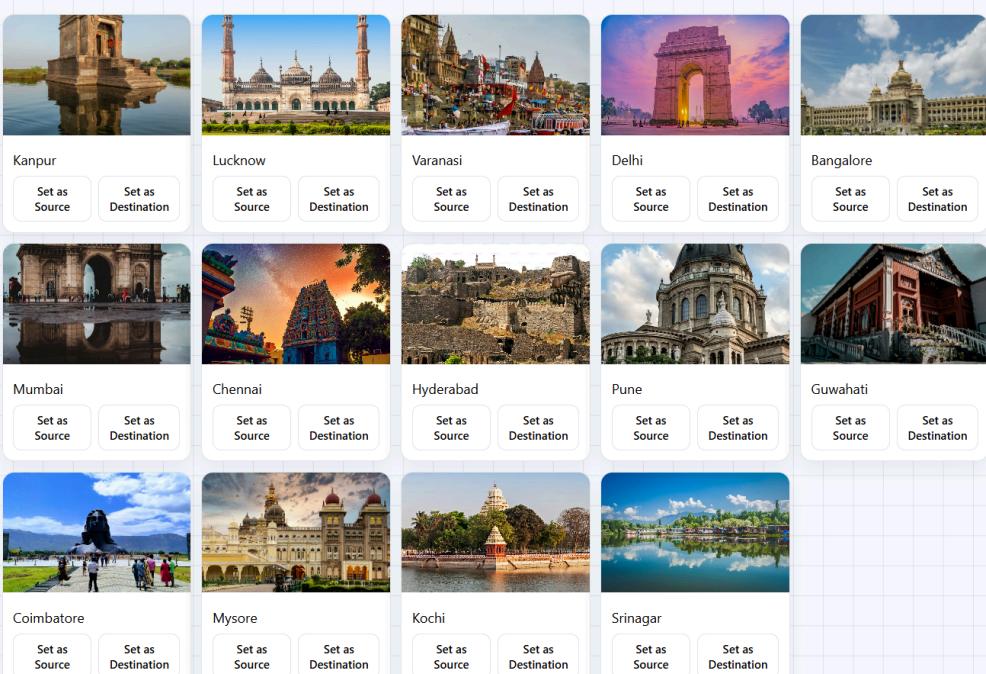
Varanasi

Delhi

Bangalore

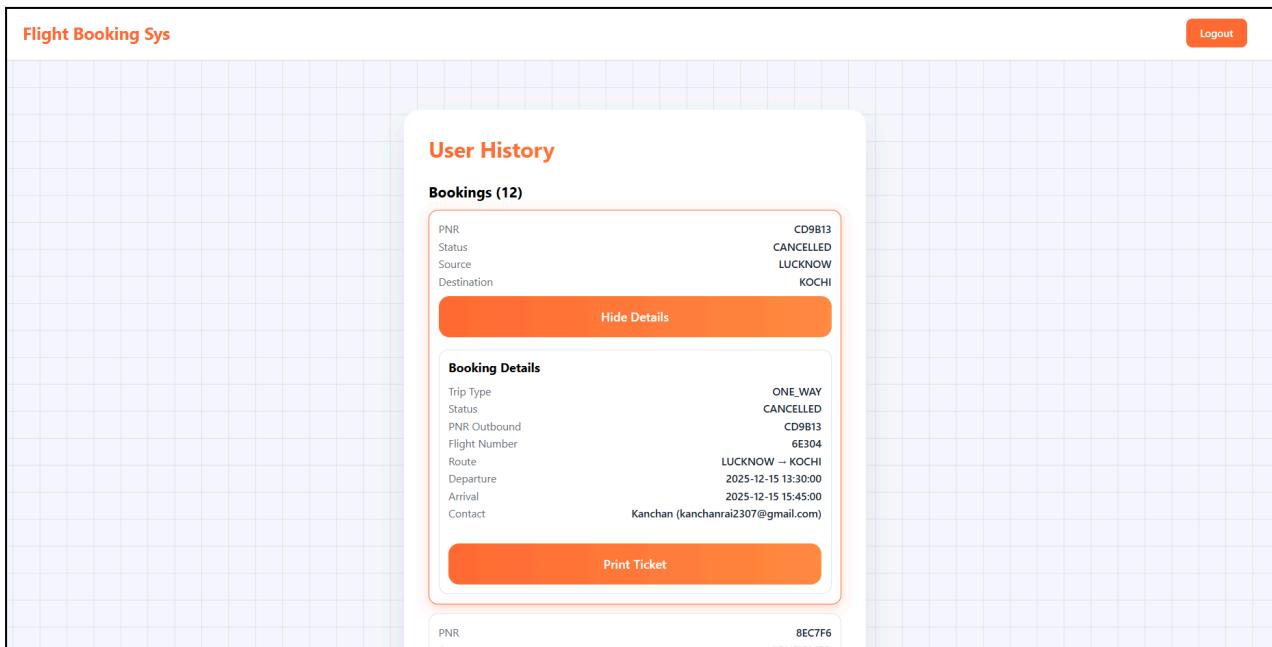
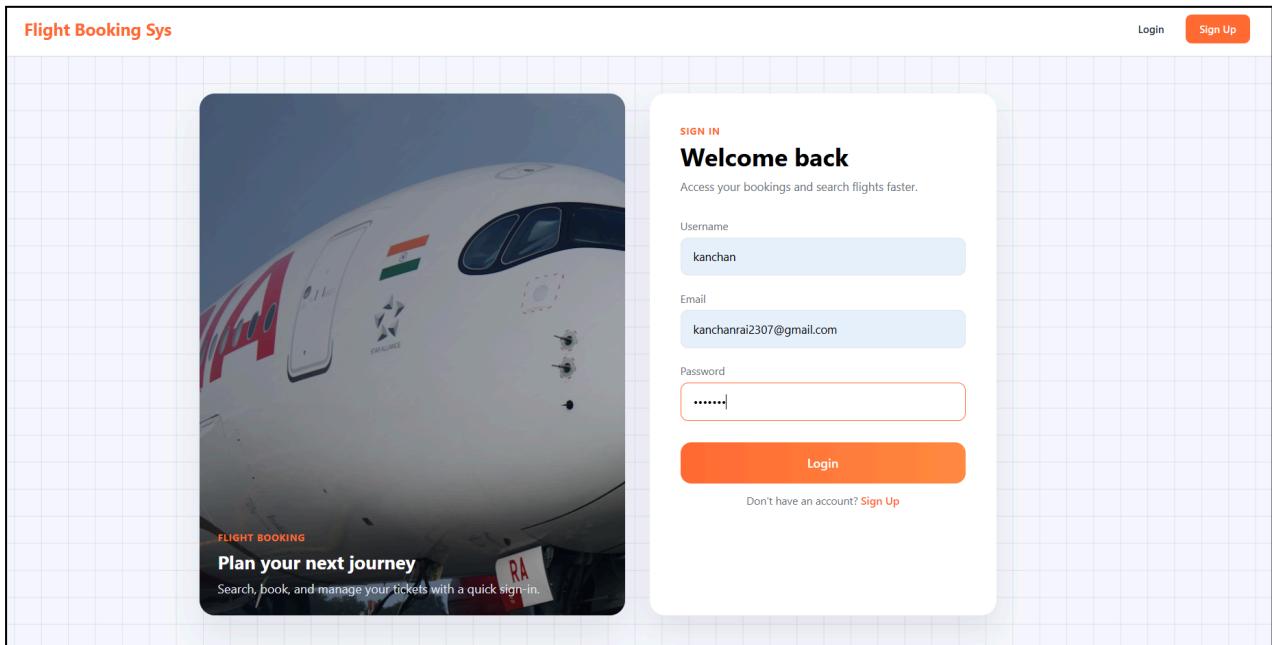
Set as Source Set as Destination

Available Destinations



City	Action	Action
Kanpur	Set as Source	Set as Destination
Lucknow	Set as Source	Set as Destination
Varanasi	Set as Source	Set as Destination
Delhi	Set as Source	Set as Destination
Bangalore	Set as Source	Set as Destination
Mumbai	Set as Source	Set as Destination
Chennai	Set as Source	Set as Destination
Hyderabad	Set as Source	Set as Destination
Pune	Set as Source	Set as Destination
Guwahati	Set as Source	Set as Destination
Coimbatore	Set as Source	Set as Destination
Mysore	Set as Source	Set as Destination
Kochi	Set as Source	Set as Destination
Srinagar	Set as Source	Set as Destination

## 2.3 Login SignUp



The User History page for Flight Booking Sys displays a summary of 12 bookings. The main title is "User History" and the subtitle is "Bookings (12)". Below this, a table shows two flight records. The first record is for flight CD9B13, which was CANCELLED from LUCKNOW to KOCHI. The second record is for flight BEC7F6, which was CONFIRMED. Each record includes a "Print Ticket" button at the bottom. The table columns include PNR, Status, Source, Destination, and Contact information (Kanchan / kanchanrai2307@gmail.com). The contact information is also listed under the "Booking Details" section, which includes Trip Type (ONE WAY), Status (CANCELLED), PNR Outbound (CD9B13), Flight Number (6E304), Route (LUCKNOW -- KOCHI), Departure (2025-12-15 13:30:00), Arrival (2025-12-15 15:45:00), and Contact (Kanchan / kanchanrai2307@gmail.com).

## Docker containers running in the bg

