

## **Week 8 - Project Report**

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### **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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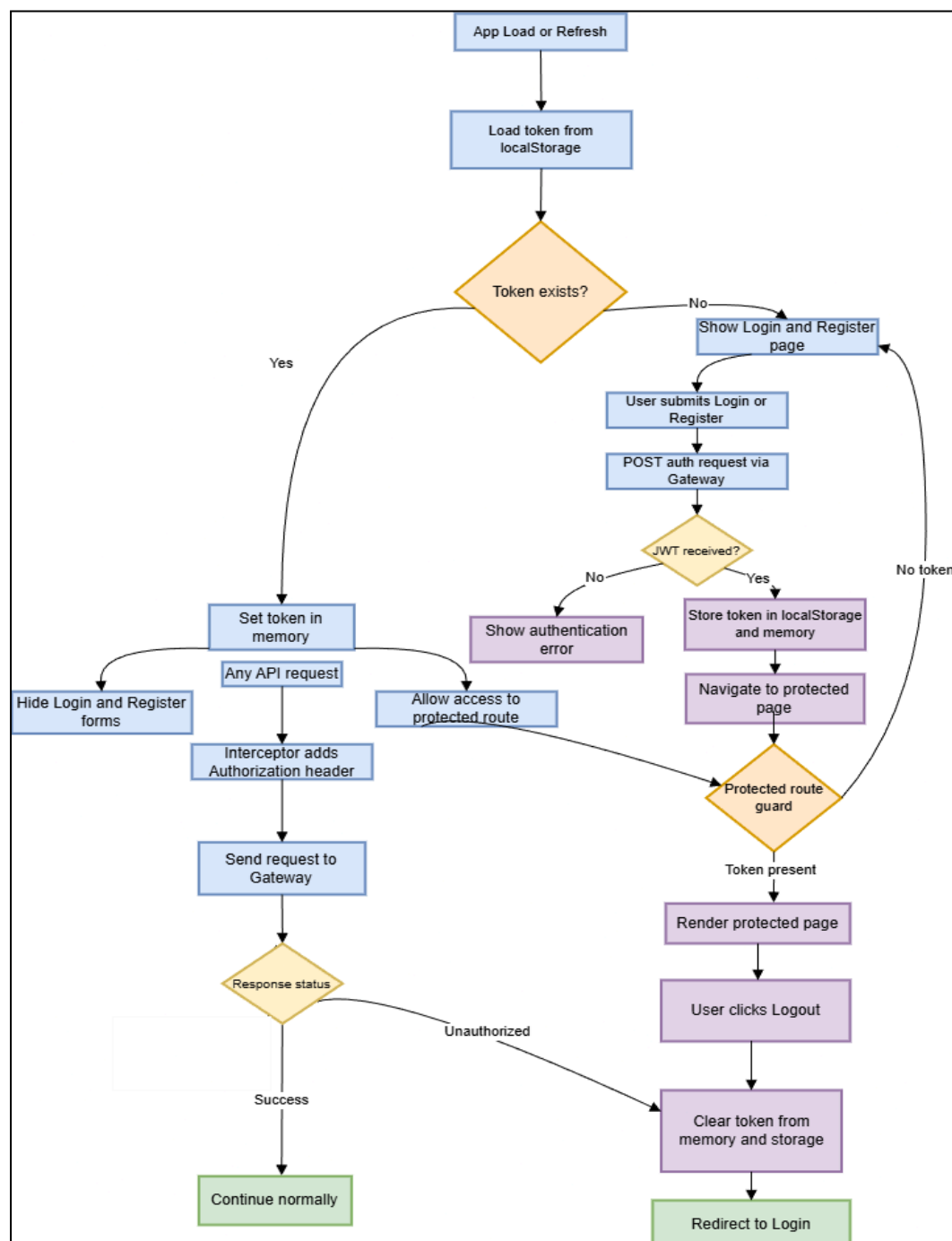
# 1. Project Overview

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

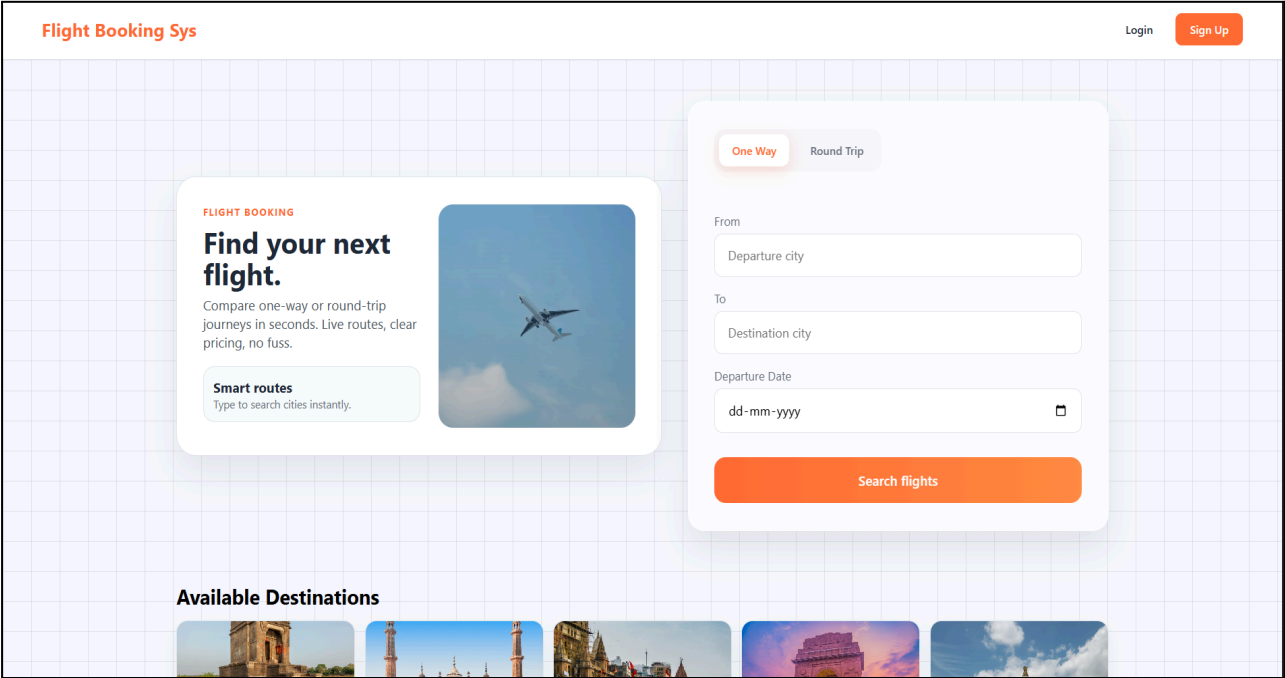


## Proxy Server Flow

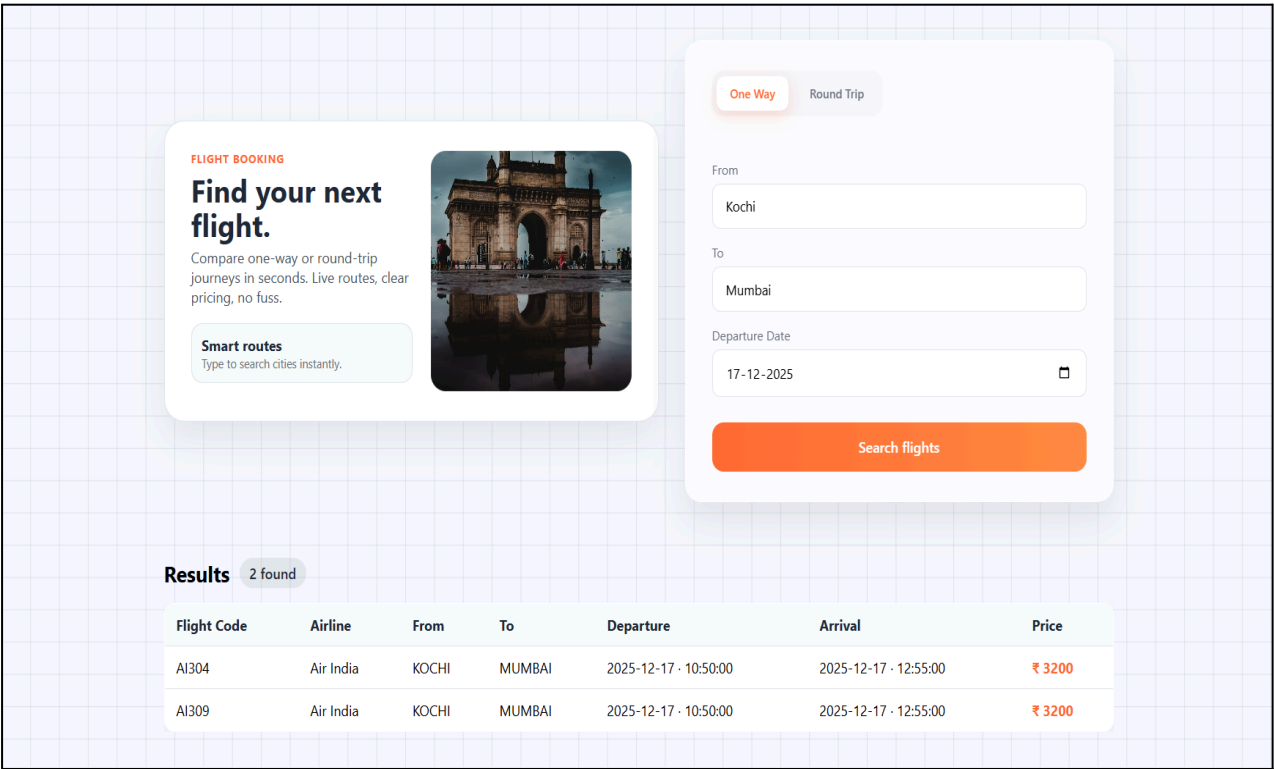


## 2. Endpoints and Website Flow

### 2.1 Home Page



### 2.2 Search Flights



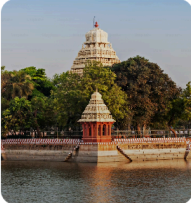
# Validations

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.



One WayRound Trip

From  
Kochi


To  
Kochi


Departure Date  
17-12-2025


Search flights


Source and destination cannot be the same.


Available Destinations













Available Destinations




Kanchi

Set as SourceSet as Destination




Lucknow

Set as SourceSet as Destination




Varanasi

Set as SourceSet as Destination




Delhi

Set as SourceSet as Destination




Bangalore

Set as SourceSet as Destination




Mumbai

Set as SourceSet as Destination




Chennai

Set as SourceSet as Destination




Hyderabad

Set as SourceSet as Destination




Pune

Set as SourceSet as Destination




Guwahati

Set as SourceSet as Destination




Coimbatore

Set as SourceSet as Destination




Mysore

Set as SourceSet as Destination



Kochi

Set as SourceSet as Destination



Srinagar

Set as SourceSet as Destination

## 2.3 Login SignUp

Flight Booking Sys

Login

Sign Up

FLIGHT BOOKING

Plan your next journey

Search, book, and manage your tickets with a quick sign-in.

SIGN IN

Welcome back

Access your bookings and search flights faster.

Username

kanchan

Email

kanchanrai2307@gmail.com

Password

.....

Login

Don't have an account? [Sign Up](#)

Flight Booking Sys

Logout

User History

Bookings (12)

PNR

CD9B13

Status

CANCELLED

Source

LUCKNOW

Destination

KOCHI

Hide Details

Booking Details

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

Contact

Kanchan (kanchanrai2307@gmail.com)

Print Ticket

PNR

8EC7F6

Status

CONFIRMED

## Docker containers running in the bg

The screenshot shows the Docker Desktop interface for a container named 'flightbookingsyswsecurity'. The left sidebar contains navigation options: Ask Gordon (BETA), Containers, Images, Volumes, Kubernetes, Builds, Models, MCP Toolkit (BETA), Docker Hub, Docker Scout, and Extensions. The main panel displays a list of containers with columns for container name, image, status, and actions. The containers listed are:

- eureka-... (flightbookingsyswsecurity/8761:8761)
- zookee... (confluentinc/confluentinc)
- mongodb (mongo:latest/27018:2701)
- kafka (confluentinc/19092:1909/Show all ports)
- config-s... (flightbookingsyswsecurity/8888:8888)
- api-gate... (flightbookingsyswsecurity/9000:9000)
- flight-s... (flightbookingsyswsecurity/8090:8090)

The right panel shows the logs for the selected container, displaying JSON messages from the Eureka server. The status bar at the bottom indicates the engine is running, with RAM usage at 3.48 GB, CPU at 0.58%, and disk usage at 8.70 GB (limit 1006.85 GB). An update is available for the Docker Desktop application.