

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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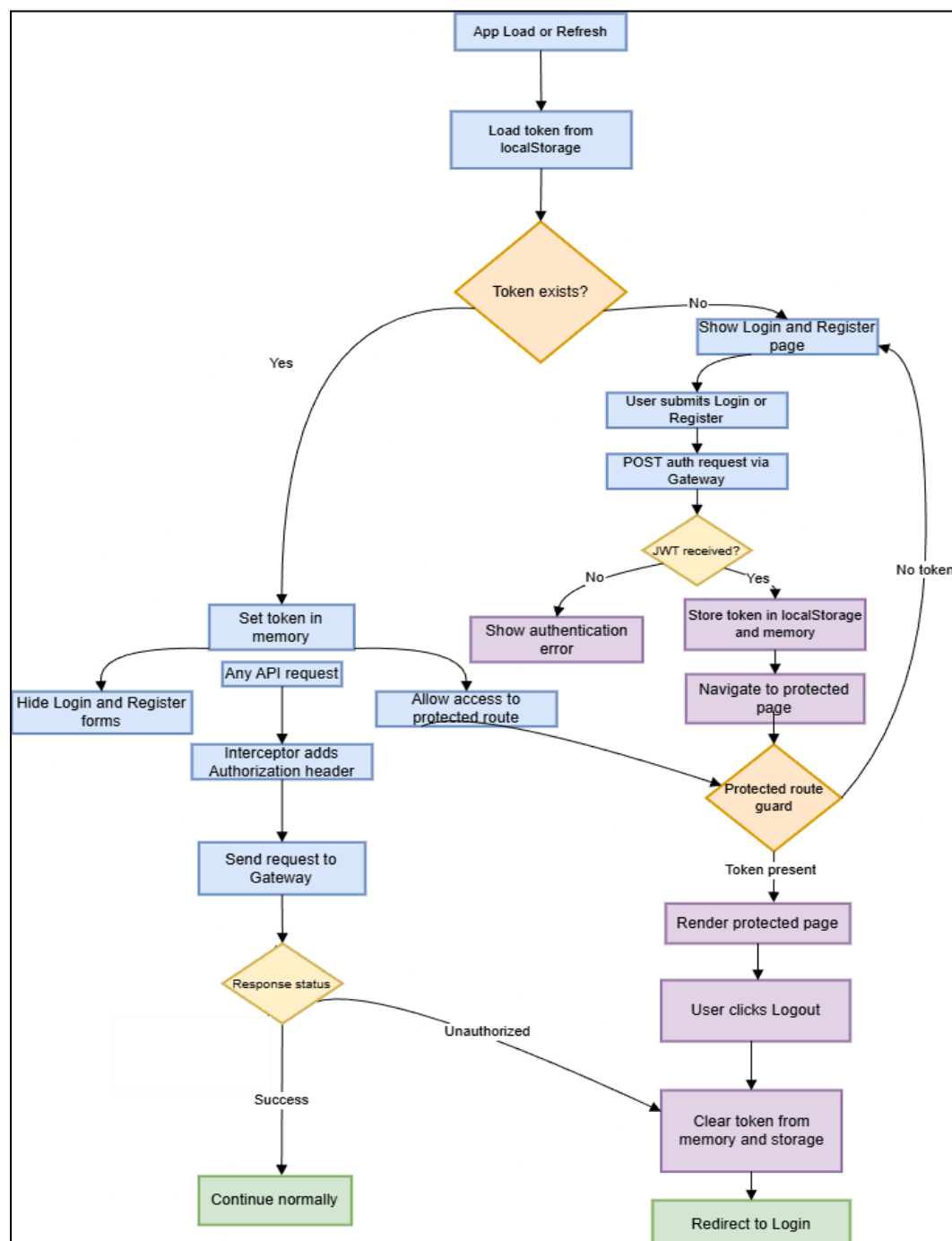
1. Project Overview

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

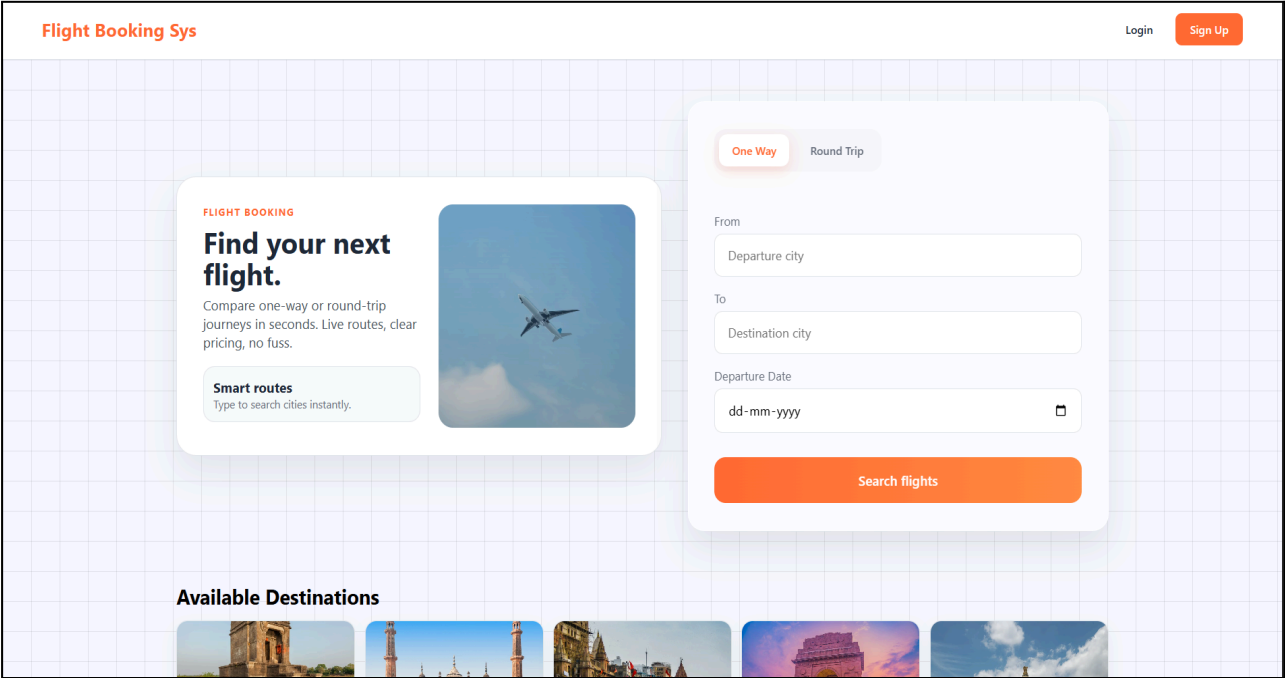
- Search Flights - PUBLIC Endpoint with no authentication required
- User Sign Up - PROTECTED Endpoint
- User Login - PROTECTED Endpoint
- User History - PROTECTED Endpoint

1.1. Frontend Authorization Flow

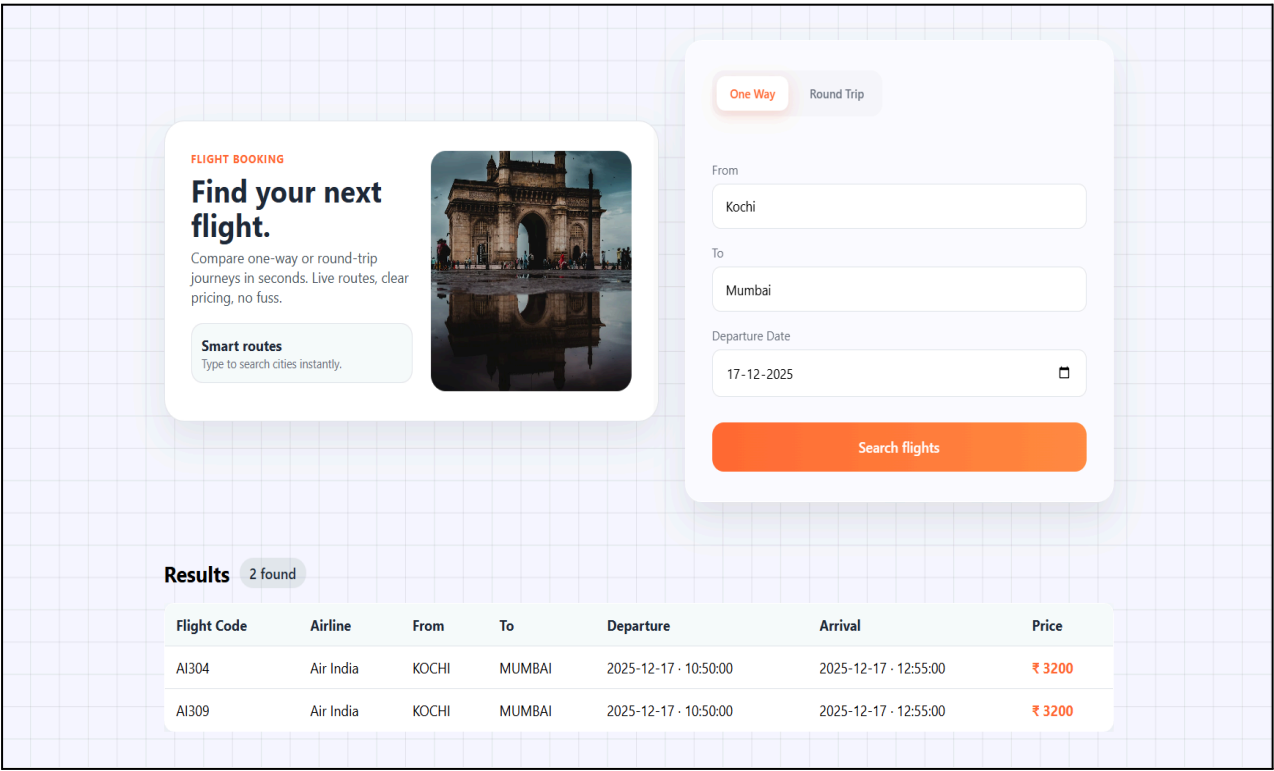


2. Endpoints and Website Flow

2.1 Home Page



2.2 Search Flights



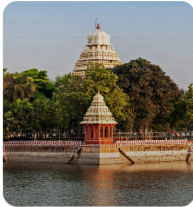
Validations

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 with the 'flightbookingsyswsecurity' service selected. 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 their names, ports, and status. The 'eureka-server' container is highlighted, showing its logs in the right pane. The logs indicate that the 'FlightBookingEurekaServer' is running and has completed an eviction task.

Container Name	Ports	Status	Network
eureka-server	8761:8761	Running	bridge
zookeeper	2181:2181	Running	bridge
mongodb	27018:27018	Running	bridge
kafka	19092:19092	Running	bridge
config-server	8888:8888	Running	bridge
api-gateway	9000:9000	Running	bridge
flight-scheduler	8090:8090	Running	bridge

```
{
  "t": {
    "$date": "2025-12-15T19:31:06.722+00:00"
  },
  "s": "I",
  "c": "WTCHKPT",
  "id": 22430,
  "ctx": "Checkpoint",
  "msg": "WiredTiger message",
  "attr": {
    "message": {
      "ts_sec": 1765827066,
      "ts_usec": 722094,
      "thread": "1:0x700988da56c0",
      "session_name": "WT_SESSION.checkpoint",
      "category": "WT_VERB_CHECKPOINT_PROGRESS",
      "log_id": 1000000,
      "category_id": 7,
      "verbose_level": "INFO",
      "verbose_level_id": 0,
      "msg": "saving checkpoint snapshot min: 85, snapshot max: 85\nsnapshot count: 0, oldest timestamp: (0, 0), meta checkpoint timestamp: (0, 0) base write gen: 1873"
    }
  }
}
```

2025-12-15T19:31:48.336Z INFO 1 ---
[FlightBookingEurekaServer] [a-EvictionTimer]
c.n.e.registry.AbstractInstanceRegistry : Running the
evict task with compensationTime 7ms