# Home page :

Search is public, can search without login/register

# ADMIN
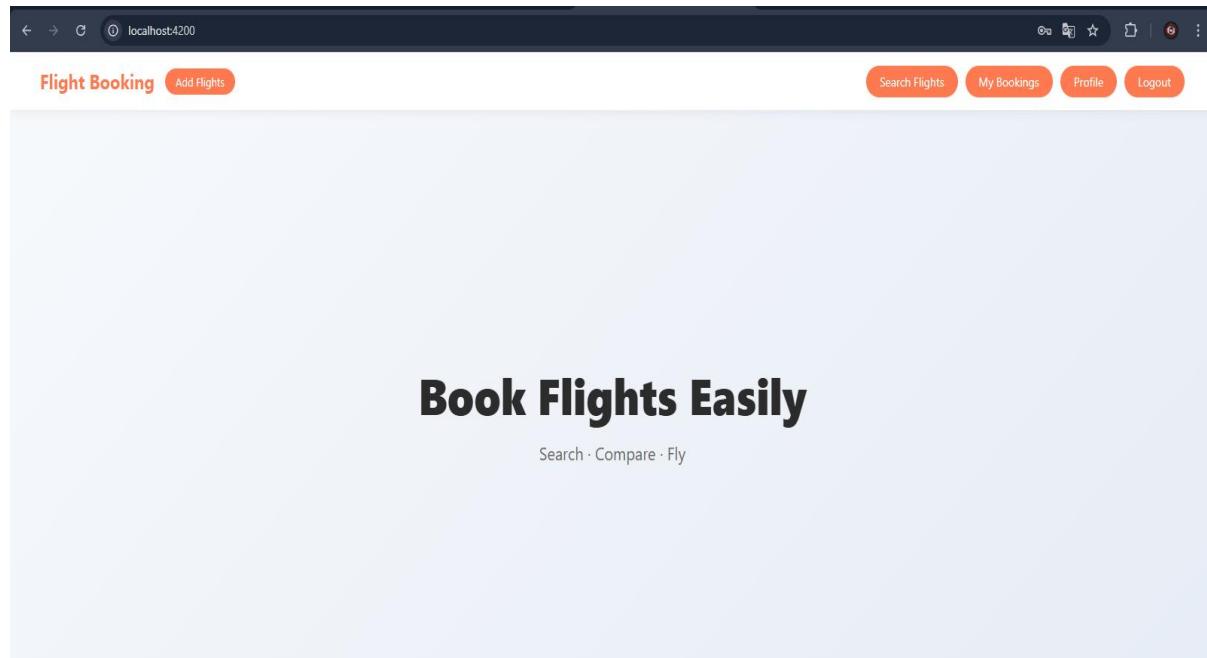
Login :

Trying to Login using invalid details:

After successful login :

Add Flight is available only for admin:

Flight added successfully

Add Flight

Airline Name

Air India

Flight Number

6E145

From

Delhi

To

Hyderbad

Departure Time

30-12-2025 03:29

Arrival Time

30-12-2025 04:29

Price (One Way)

2000

Total Seats

100

Trip Type

ONE WAY

Add Flight

Flight added successfully

Flight details in db

_id: ObjectId('69486de9f46d93051ef1429a')
fromPlace : "Delhi"
toPlace : "Hyderbad"
departureTime : 2025-12-29T21:59:00.000+00:00
arrivalTime : 2025-12-29T22:59:00.000+00:00
tripType : "ONE_WAY"
priceOneWay : 2000
totalSeats : 100
availableSeats : 100
airlineId : "69479cdf6ba82d5061b8c5cf"
airlineName : "Air India"
version : 0
_class : "com.flightapp.flight.entity.Flight"

Profile of admin:
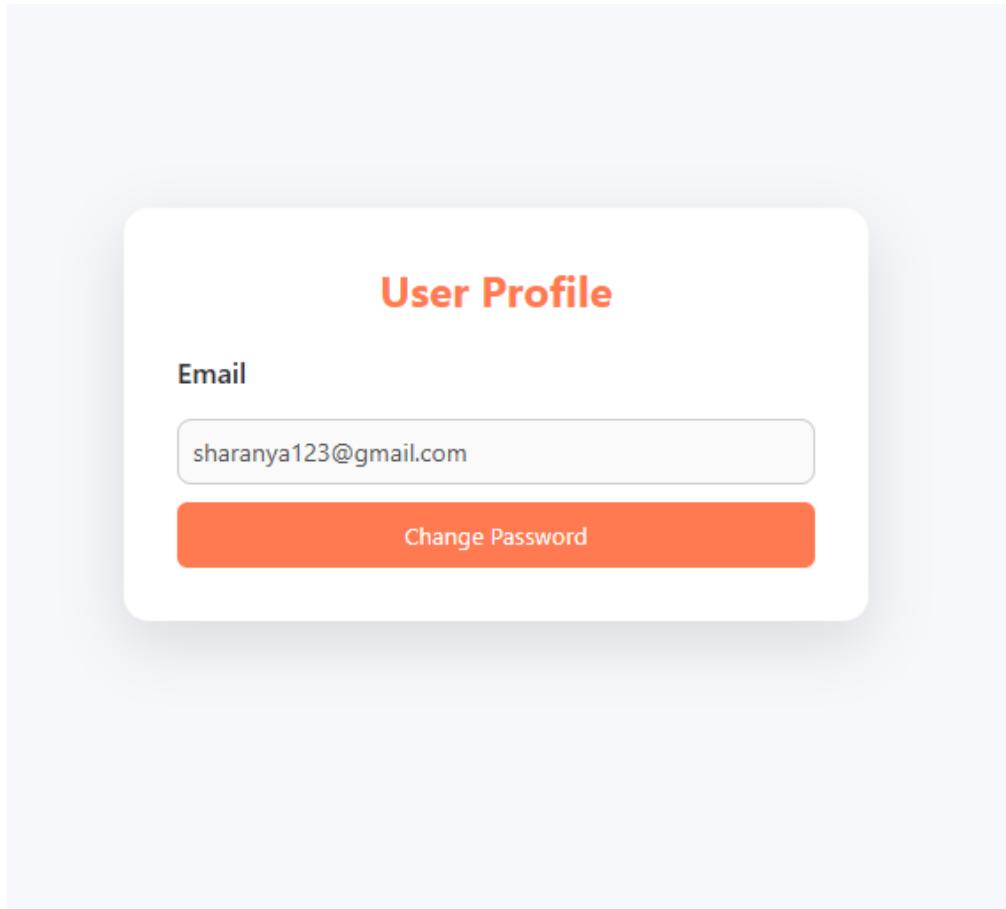
Flight Booking Add Flights

Search Flights My Bookings Profile Logout

User Profile

Email

admin06@gmail.com

Change Password

USER:
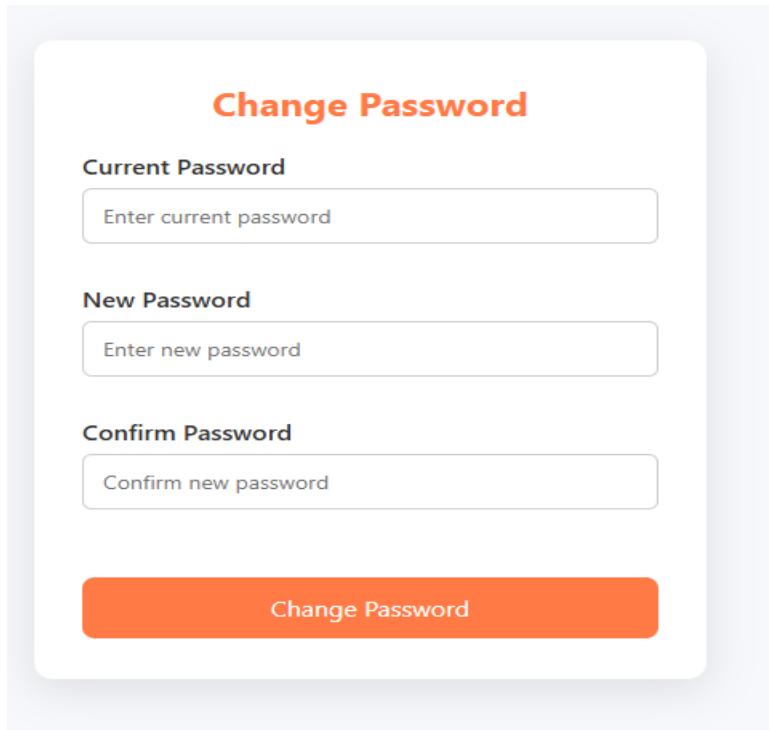
add fights is not available

localhost:4200

Flight Booking

Search Flights My Bookings Profile Logout

Book Flights Easily

Search · Compare · Fly

Profile:

Change password:

Validations:

Change Password

Current Password

Enter current password

Current password is required

New Password

Enter new password

Password must be strong (uppercase, lowercase, number, special char)

Confirm Password

Confirm new password

Change Password

Change Password

Current Password

••••••••••

New Password

Enter new password

Password must be strong (uppercase, lowercase, number, special char)

Confirm Password

Confirm new password

Please fill all fields correctly.

Change Password

Change Password

Current Password

••••••••••••

New Password

•••••••••••

Confirm Password

•••••••••

New password and confirm password do not match.

Change Password

After successfully changing the password:

Change Password

Current Password

Enter current password

New Password

Enter new password

Confirm Password

Confirm new password

Password changed successfully!

Change Password

Change password -postman:

User login :

flightApp-Microservices-security / login-user   2:05 AM ✕   Save ∨   Share 🔗

POST ∨   http://localhost:8084/api/auth/login   Send ∨

≡ Docs   Params   Authorization   Headers (9)   Body ●   Scripts   Settings   Cookies

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL   JSON ∨   Beautify

1 {
2   "email": "ramesh@gmail.com",
3   "password": "Changed@7052"
4 }

Body   Cookies   Headers (15)   Test Results │ 2:05 AM ∨   200 OK · 545 ms · 735 B ᵒᵒᵒ

{} JSON ∨   ▷ Preview   ⊞ Visualize ∨   ≡ ≡ Q ⧉ 🔗

1 {
2   "token": "eyJhbGciOiJIUzI1NiJ9.
         eyJzdWIiOiJyYW1lc2hAZ21haWwuY29tIiwidXNlcm5hbWUiOiJyYW1lc2giLCJyb2xlcyI6WyJVU0VSIl0sImlhdCI6MTc2NjM0O
         TM1OCwiZXhwIjoxNzY2NDM1NzU4fQ.WBWhwbl8eUmtjX5uxQx6BmYwzfooSxjeOr8PR9CIBoU",
3   "username": "ramesh",
4   "email": "ramesh@gmail.com",
5   "roles": [
6   "USER"
7   ]
8 }

Token generated here is used as autherization for change password

Api-gateway-8084

http://localhost:8084/api/auth/change-password

flightApp-Microservices-security / change password   Save ∨   Share 🔗

POST ∨   http://localhost:8084/api/auth/change-password   Send ∨

≡ Docs   Params   Authorization   Headers (10)   Body ●   Scripts   Settings   Cookies

☑ Accept   ⓘ */*
☑ Accept-Encoding   ⓘ gzip, deflate, br
☑ Connection   ⓘ keep-alive
☑ Content-Type   application/json
⠿☑ Authorization   Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJyYW1lc2...   ⚙ Type 🗑
   Key   Value   Description

Password changed successfully

Search:

Search Flights

From

Hyderabad

To

Chennai

Journey Date

31-12-2025

Trip Type

Select

Search

Available flights

Airline	From	To	Departure	Arrival	Price	Seats	Booking
Air India	Hyderabad	Chennai	12/31/25, 10:00 AM	12/31/25, 11:00 AM	₹ 5500	180	Book
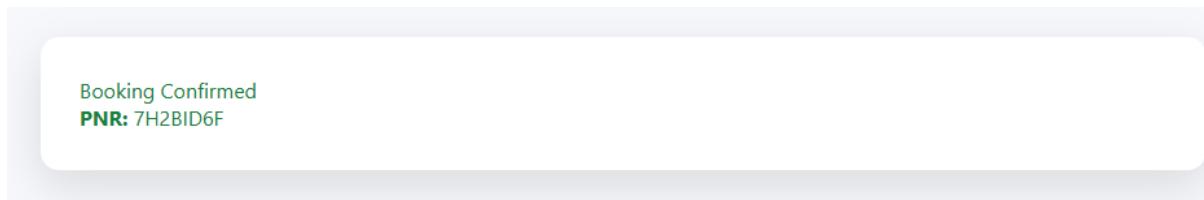
Booking confirm message:

Booking Confirmed
PNR: 7H2BID6F

Booking details in DataBase:

```
_id: ObjectId('694879e098cc7248bf8fdbca')
pnr : "7H2BID6F"
customerName : "Sravya"
email : "sharanya123@gmail.com"
numberOfSeats : 1
seatNumbers : "11"
mealPreference : "VEG"
cancelled : false
journeyDate : 2025-12-30T18:30:00.000+00:00
bookingTime : 2025-12-21T22:51:12.276+00:00
flightId : "69487467f46d93051ef1429d"
passengers : Array (1)
_class : "com.flightapp.booking.entity.Booking"
```

Booking History :

In my bookings

Cancel:

Able to cancel by clicking on cancel

After successful cancellation the status changes:

My Bookings

Air India Hyderabad → Chennai 10:00 AM - 11:00 AM	PNR: **7H2BID6F** Seats: 1 Meal: VEG Seats: 11	CANCELLED

Cancelation details in Database:

Cancelled: true


```
_id: ObjectId('694879e098cc7248bf8fdbca')
pnr : "7H2BID6F"
customerName : "Sravya"
email : "sharanya123@gmail.com"
numberOfSeats : 1
seatNumbers : "11"
mealPreference : "VEG"
cancelled : true
journeyDate : 2025-12-30T18:30:00.000+00:00
bookingTime : 2025-12-21T22:51:12.276+00:00
flightId : "69487467f46d93051ef1429d"
passengers : Array (1)
_class : "com.flightapp.booking.entity.Booking"
```

Docker:


```
C:\flightApp-microservices-security-docker>docker compose up -d
time="2025-12-22T04:38:51+05:30" level=warning msg="C:\\flightApp-microservices-security-docker\\docker-compose.yml: the attribute `version` is obsolete, it
 will be ignored, please remove it to avoid potential confusion"
[+] Running 8/8
 ✓Container eureka          Started                                    0.7s
 ✓Container mongo           Started                                    0.7s
 ✓Container rabbitmq        Started                                    0.7s
 ✓Container config-server   Started                                    0.3s
 ✓Container flight-service  Started                                    0.3s
 ✓Container booking-service Started                                    0.4s
 ✓Container auth-service    Started                                    0.4s
 ✓Container api-gateway     Started                                    0.6s

C:\flightApp-microservices-security-docker>docker ps
```

Images:

		Name	Tag	Image ID	Created	Size	Actions
☐	●	flightapp-microservices-security-docker-ε	latest	667cac9fbd8a	7 days ago	513.48 MB	▷ ⋮ 🗑
☐	●	flightapp-microservices-security-docker-ε	latest	4ff821c748d0	7 days ago	514.53 MB	▷ ⋮ 🗑
☐	●	flightapp-microservices-security-docker-ε	latest	541e25a34e1e	7 days ago	504.41 MB	▷ ⋮ 🗑
☐	●	flightapp-microservices-security-docker-t	latest	b59536c1dca3	13 days ago	526.3 MB	▷ ⋮ 🗑
☐	●	flightapp-microservices-security-docker-f	latest	d254d31f9810	13 days ago	513.1 MB	▷ ⋮ 🗑
☐	●	flightapp-microservices-security-docker-c	latest	d60f519a97c9	13 days ago	509.17 MB	▷ ⋮ 🗑
☐	●	rabbitmq	3-management	e582c0bc7766	20 days ago	388.62 MB	▷ ⋮ 🗑
☐	●	mongo	6	0a83b2f824b2	3 months ago	1.04 GB	▷ ⋮ 🗑

Container:

			Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
☐	›	●	flightapp-microservices-secur|	-		-	-	2.32%	2 hours ago	◼ ⋮ 🗑

🔍 Search   Only show running containers

Eureka server:

localhost:8761

Renews threshold	10
Renews (last min)	20

DS Replicas

localhost

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
API-GATEWAY-FLIGHTBOOKING	n/a (1)	(1)	UP (1) - bbda8b519451:api-gateway-flightbooking:8084
AUTH-SERVICE-FLIGHTBOOKING	n/a (1)	(1)	UP (1) - 56f373a48549:auth-service-flightbooking:8083
BOOKING-SERVICE-FLIGHTBOOKING	n/a (1)	(1)	UP (1) - 4bbf16f20eee:booking-service-flightbooking:8082
CONFIG-SERVER-FLIGHTBOOKING	n/a (1)	(1)	UP (1) - 710035f455b9:config-server-flightbooking:8888
FLIGHT-SERVICE-FLIGHTBOOKING	n/a (1)	(1)	UP (1) - d1fe39d5e191:flight-service-flightbooking:8081

General Info

- Optimised DockerFile :

```
1  FROM eclipse-temurin:21-jre
2
3  WORKDIR /app
4
5  COPY target/auth-service-flightbooking-0.0.1-SNAPSHOT.jar app.jar
6
7  EXPOSE 8084
8
9  ENTRYPOINT ["java","-jar","app.jar"]
10
11
```

- Added two application files for every microservice:

```
> src/main/java
v src/main/resources
    application.properties
    application-docker.properties
> src/test/java
```