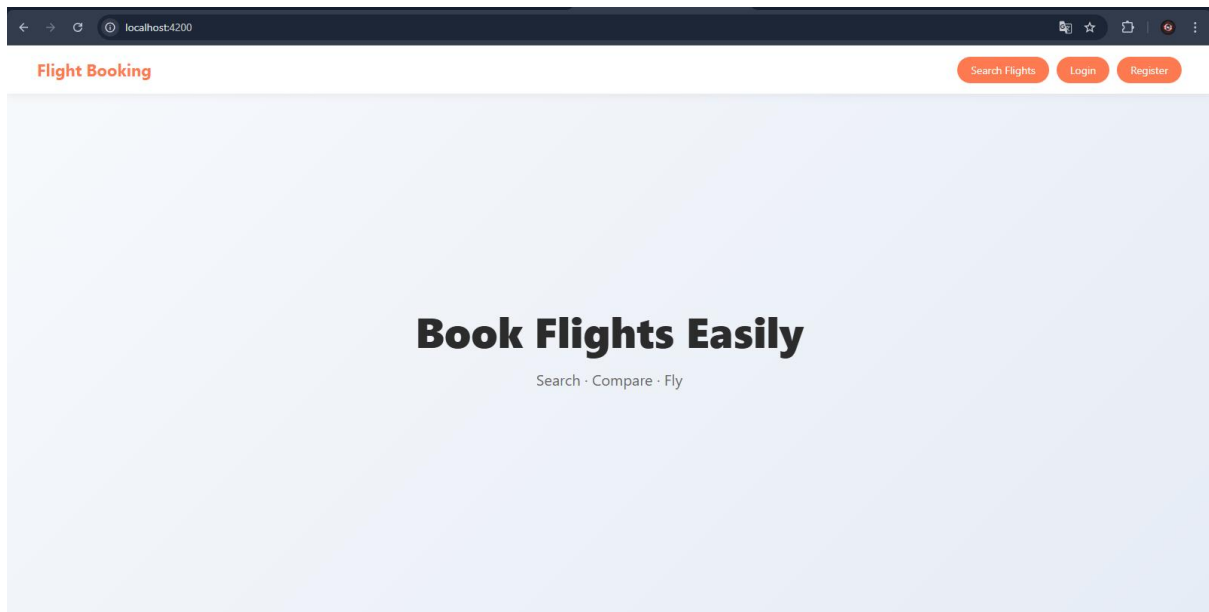


Home page :



Search is public, can search without login/register

ADMIN

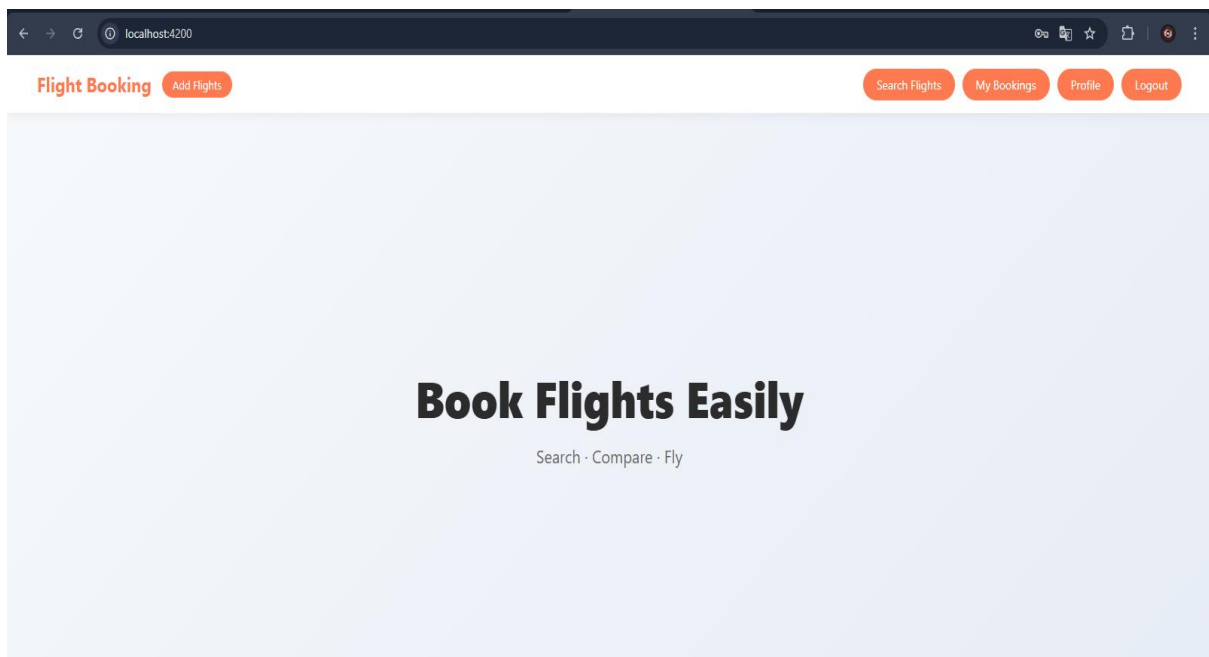
Login :

Trying to Login using invalid details:






A screenshot of a login form within a light gray rounded rectangle. At the top, the word 'Login' is written in a large, bold, orange font. Below it, there are two input fields. The first is labeled 'Email' and contains the text 'admin06@gmail.com'. The second is labeled 'Password' and contains a series of dots. Below these fields is a large orange button with the text 'Login' in white. At the bottom of the form, the text 'Invalid email or password' is displayed in a red font.

After successful login :

Add Flight is available only for admin:






Add Flight

Airline Name	Flight Number
<input type="text" value="Air India"/>	<input type="text" value="6E145"/>
From	To
<input type="text" value="Delhi"/>	<input type="text" value="Hyderabad"/>
Departure Time	Arrival Time
<input type="text" value="30-12-2025 03:29"/> 	<input type="text" value="30-12-2025 04:29"/> 
Price (One Way)	Total Seats
<input type="text" value="2000"/>	<input type="text" value="100"/>  
Trip Type	
<input type="text" value="ONE WAY"/> 	

Add Flight

Flight added successfully

Add Flight

Airline Name	Flight Number
<input type="text" value="Air India"/>	<input type="text" value="6E145"/>
From	To
<input type="text" value="Delhi"/>	<input type="text" value="Hyderabad"/>
Departure Time	Arrival Time
<input type="text" value="30-12-2025 03:29"/> 	<input type="text" value="30-12-2025 04:29"/> 
Price (One Way)	Total Seats
<input type="text" value="2000"/>	<input type="text" value="100"/>
Trip Type	
<input type="text" value="ONE WAY"/> 	

Add Flight

Flight added successfully

Flight details in db

```

_id: ObjectId('69486de9f46d93051ef1429a')
fromPlace: "Delhi"
toPlace: "Hyderabad"
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

[Change Password](#)

USER:

add fights is not available

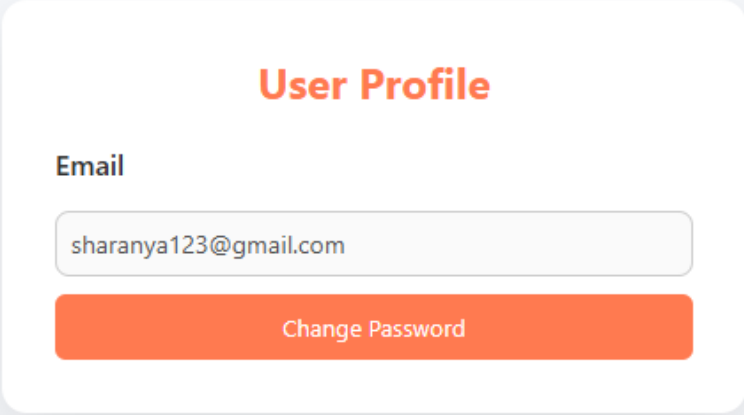
[←](#) [→](#) [↻](#) [🔍](#) localhost:4200 [🔗](#) [🔖](#) [🏠](#) [🔧](#) [⋮](#)

Flight Booking [Search Flights](#) [My Bookings](#) [Profile](#) [Logout](#)

Book Flights Easily

Search · Compare · Fly

Profile:



A white rounded rectangular form titled "User Profile" in orange text. Below the title, the label "Email" is in bold. A text input field contains the email address "sharanya123@gmail.com". Below the input field is an orange button with the text "Change Password".

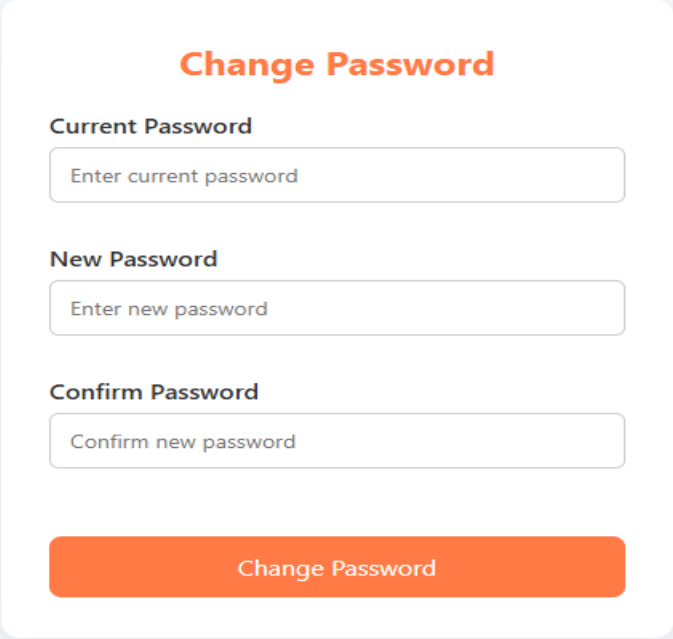
User Profile

Email

sharanya123@gmail.com

Change Password

Change password:



A white rounded rectangular form titled "Change Password" in orange text. It contains three sections: "Current Password" with a text input field containing "Enter current password", "New Password" with a text input field containing "Enter new password", and "Confirm Password" with a text input field containing "Confirm new password". At the bottom is an orange button with the text "Change Password".

Change Password

Current Password

Enter current password

New Password

Enter new password

Confirm Password

Confirm new password

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 X

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

Docs Params Authorization Headers (9) Body Scripts Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
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

{ } JSON Preview Visualize

```
1 {
2   "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJyYW1lc2hAZ21haWwuyY29tIiwidXNlcm5hbWUiOiJyYW1lc2giLCJyb2x1cyI6WyJVV0VSIl0sIm1hdCI6MTc2NjM00TM10CwiZlhwIjoxNzY2NDM1NzU4fQ.WBWhwbl8eUmtjX5uxQx6BmYwzfooSxje0r8PR9CIBoU",
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

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

Docs Params Authorization Headers (10) Body Scripts Settings Cookies

Key	Value	Description
Accept	*/*	
Accept-Encoding	gzip, deflate, br	
Connection	keep-alive	
Content-Type	application/json	
Authorization	Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJyYW1lc2hAZ21haWwuyY29tIiwidXNlcm5hbWUiOiJyYW1lc2giLCJyb2x1cyI6WyJVV0VSIl0sIm1hdCI6MTc2NjM00TM10CwiZlhwIjoxNzY2NDM1NzU4fQ.WBWhwbl8eUmtjX5uxQx6BmYwzfooSxje0r8PR9CIBoU	Type

Password changed successfully

flightApp-Microservices-security / change password1:24 AM

SaveShare

POSThttp://localhost:8084/api/auth/change-passwordSend

DocsParamsAuthorizationHeaders (10)BodyScriptsSettingsCookies

noneform-datax-www-form-urlencodedit rawbinaryGraphQLJSONBeautify

```
1 {
2   "oldPassword": "sravya7052",
3   "newPassword": "Changed@7052",
4   "confirmPassword": "Changed@7052"
5 }
```

BodyCookiesHeaders (15)Test Results1:24 AM

200 OK297 ms507 B

{ }JSONPreviewVisualize

```
1 {
2   "message": "Password changed successfully"
3 }
```

Search:

Search Flights

From

To

Journey Date

dd-mm-yyyy

Trip Type

Select

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

Sravya

sharanya123@gmail.com

1

31-12-2025

11

VEG

Passenger Details

sravya

Female

21

Confirm Booking

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

The screenshot shows a web browser at localhost:4200/my-bookings. The page has a header with 'Flight Booking' and navigation buttons: 'Search Flights', 'My Bookings', 'Profile', and 'Logout'. The main content area is titled 'My Bookings' and displays a list of five bookings. The first booking is active, while the others are cancelled.

Airline	Route	PNR	Status
Air India	Hyderabad → Chennai 10:00 AM - 11:00 AM	7H2BID6F Seats: 1 Meal: VEG Seats: 11	ACTIVE
Indigo	Hyderabad → Delhi 9:30 AM - 11:00 AM	003ACRWG Seats: 1 Meal: VEG Seats: 12A	CANCELLED
Indigo	Chennai → Delhi 10:00 AM - 11:00 AM	4P9YGE7X Seats: 1 Meal: VEG Seats: 12A	CANCELLED
Indigo	Chennai → Delhi 10:00 AM - 11:00 AM	B743GP1B Seats: 1 Meal: VEG Seats: 12A	CANCELLED
Indigo	Hyderabad → Delhi 9:30 AM - 11:00 AM	CSQSWGJV Seats: 1 Meal: VEG Seats: 12A	CANCELLED

Cancel:

Able to cancel by clicking on cancel

This is a close-up of the first booking card from the previous screenshot. It shows the Air India flight from Hyderabad to Chennai, PNR 7H2BID6F, with an 'ACTIVE' status and a 'Cancel' button.

Airline	Route	PNR	Status
Air India	Hyderabad → Chennai 10:00 AM - 11:00 AM	7H2BID6F Seats: 1 Meal: VEG Seats: 11	ACTIVE

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

Cancellation 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:

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

Container:

☐ Only show running containers

<input type="checkbox"/>	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	> flightapp-microservices-securi -	-	-	-	2.32%	2 hours ago	▶ ⋮ 🗑

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
v src/test/java
```