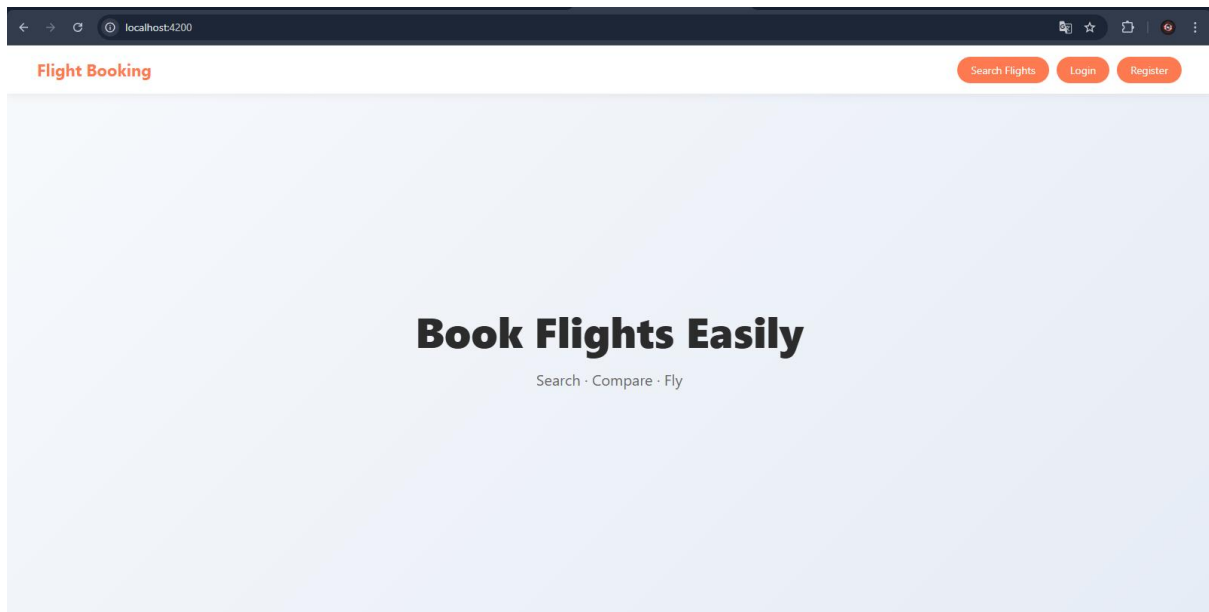


Home page :



Search is public, can search without login/register

ADMIN

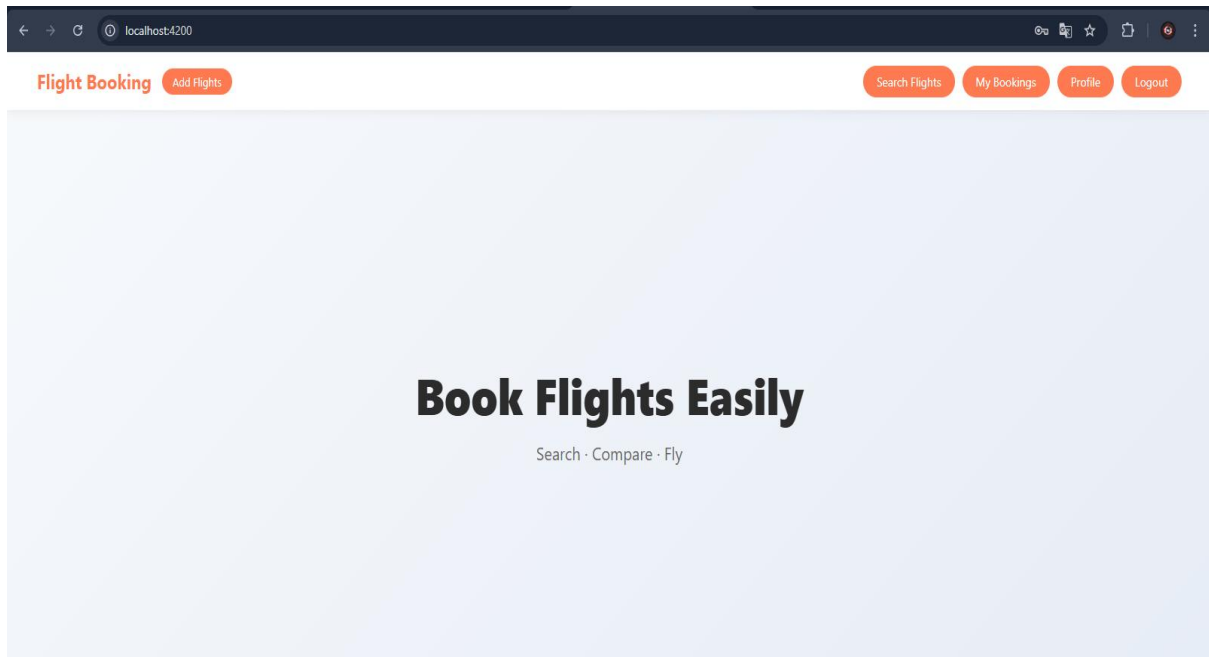
Login :

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:

A screenshot of the 'Add Flight' form within the flight booking application. The form is titled 'Add Flight' in a bold, orange font. It contains several input fields and a dropdown menu, all arranged in a two-column layout. The fields are: 'Airline Name' (with 'Air India' entered), 'Flight Number' (with '6E145' entered), 'From' (with 'Delhi' entered), 'To' (with 'Hyderabad' entered), 'Departure Time' (with '30-12-2025 03:29' and a calendar icon), 'Arrival Time' (with '30-12-2025 04:29' and a calendar icon), 'Price (One Way)' (with '2000' entered), 'Total Seats' (with '100' entered and a spinner icon), and 'Trip Type' (a dropdown menu showing 'ONE WAY'). At the bottom of the form is a large orange button labeled 'Add Flight'.

Flight added successfully

Add Flight

Airline Name

Air India

Flight Number

6E145

From

Delhi

To

Hyderabad

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: "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

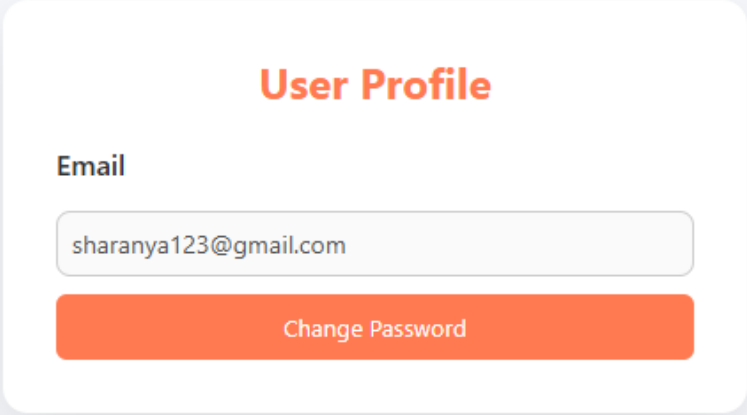
[←](#) [→](#) [↻](#) [🔍](#) localhost:4200 [🔗](#) [🔖](#) [🏠](#) [🔧](#) [⋮](#)

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

Book Flights Easily

Search · Compare · Fly

Profile:



The 'User Profile' form is a white rounded rectangle centered on a light blue background. It features a title 'User Profile' in bold orange text. Below the title is a label 'Email' in bold black text, followed by a text input field containing 'sharanya123@gmail.com'. At the bottom is an orange button with the text 'Change Password' in white.

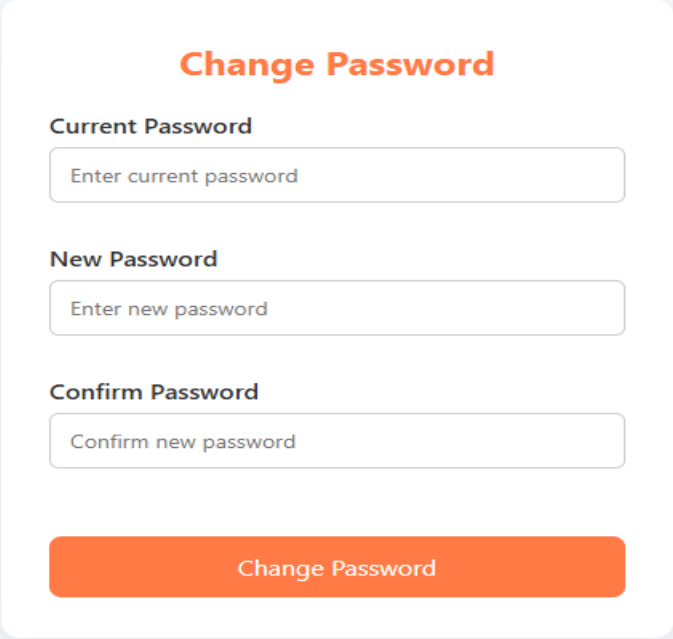
User Profile

Email

sharanya123@gmail.com

Change Password

Change password:



The 'Change Password' form is a white rounded rectangle centered on a light blue background. It features a title 'Change Password' in bold orange text. Below the title are three labels: 'Current Password', 'New Password', and 'Confirm Password', each in bold black text. Each label is followed by a text input field with placeholder text: 'Enter current password', 'Enter new password', and 'Confirm new password'. At the bottom is an orange button with the text 'Change Password' in white.

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

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 | <div>Book</div> |

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 application interface for flight bookings. At the top, there's a navigation bar with the title "Flight Booking" and four buttons: "Search Flights", "My Bookings", "Profile", and "Logout". The "My Bookings" button is highlighted. Below the navigation bar, the section "My Bookings" displays a list of five bookings. Each booking card shows the airline, route, PNR, seats, meal preference, and status. The first booking is active, while the others are cancelled.

| Airline | Route | PNR | Seats | Meal | Status |
|-----------|---------------------|----------|-------|------|-----------|
| Air India | Hyderabad → Chennai | 7H2BID6F | 1 | VEG | ACTIVE |
| Indigo | Hyderabad → Delhi | 003ACRWG | 1 | VEG | CANCELLED |
| Indigo | Chennai → Delhi | 4P9YGE7X | 1 | VEG | CANCELLED |
| Indigo | Chennai → Delhi | B743GP1B | 1 | VEG | CANCELLED |
| Indigo | Hyderabad → Delhi | CSQSWGJV | 1 | VEG | CANCELLED |

Cancel:

Able to cancel by clicking on cancel

My Bookings

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

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-e | latest | 667cac9fbd8a | 7 days ago | 513.48 MB | | | |
| <input type="checkbox"/> | flightapp-microservices-security-docker-e | latest | 4ff821c748d0 | 7 days ago | 514.53 MB | | | |
| <input type="checkbox"/> | flightapp-microservices-security-docker-e | latest | 541e25a34e1e | 7 days ago | 504.41 MB | | | |
| <input type="checkbox"/> | flightapp-microservices-security-docker-f | 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:

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
```