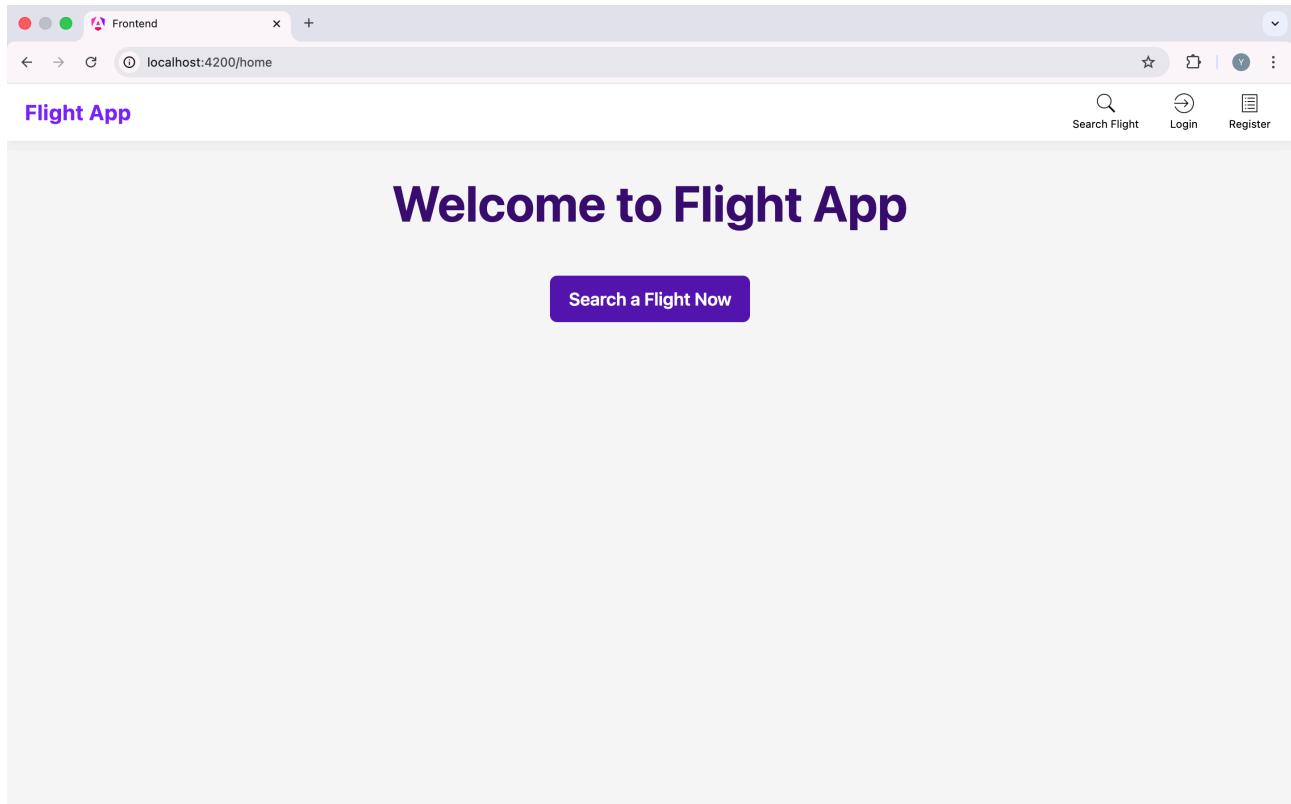


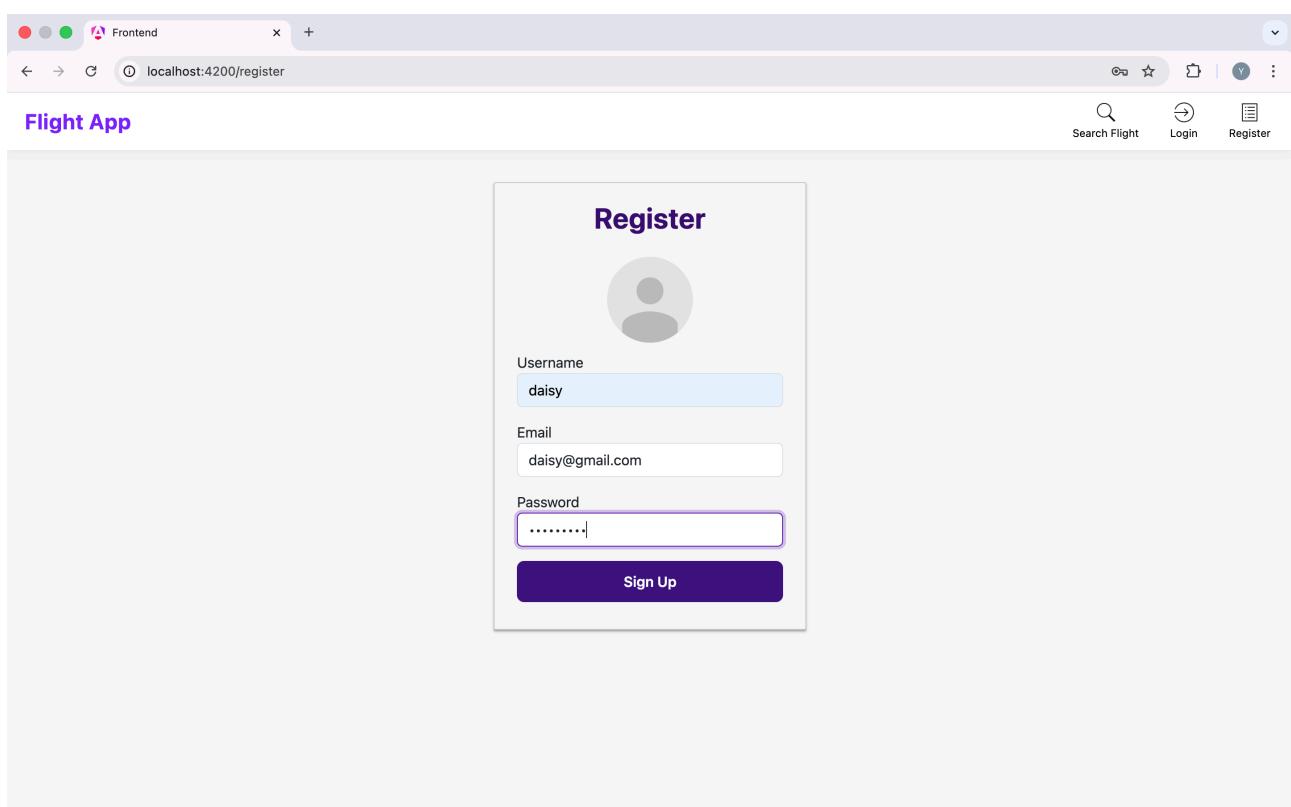
Angular Flight Booking System

For Search Flight, Login and Register

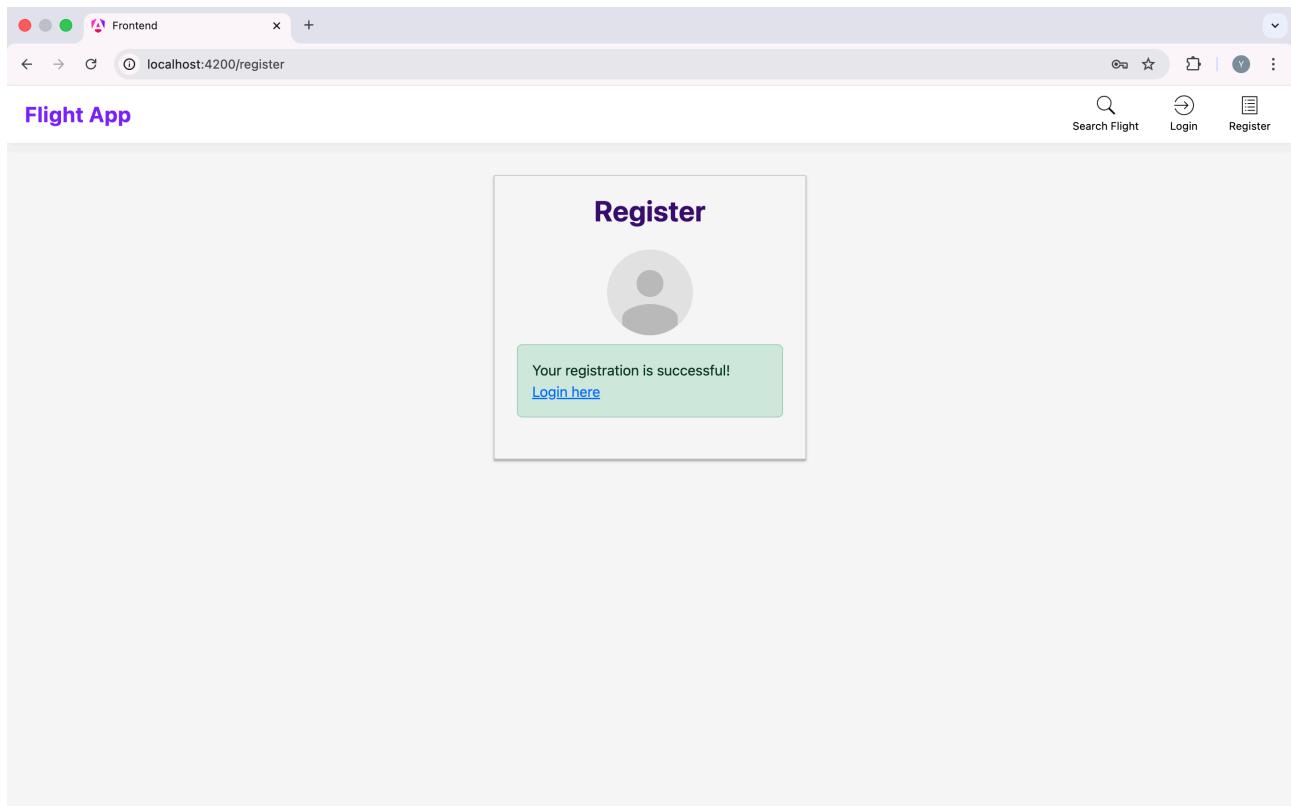
At <http://localhost:4200/home> : HOME PAGE



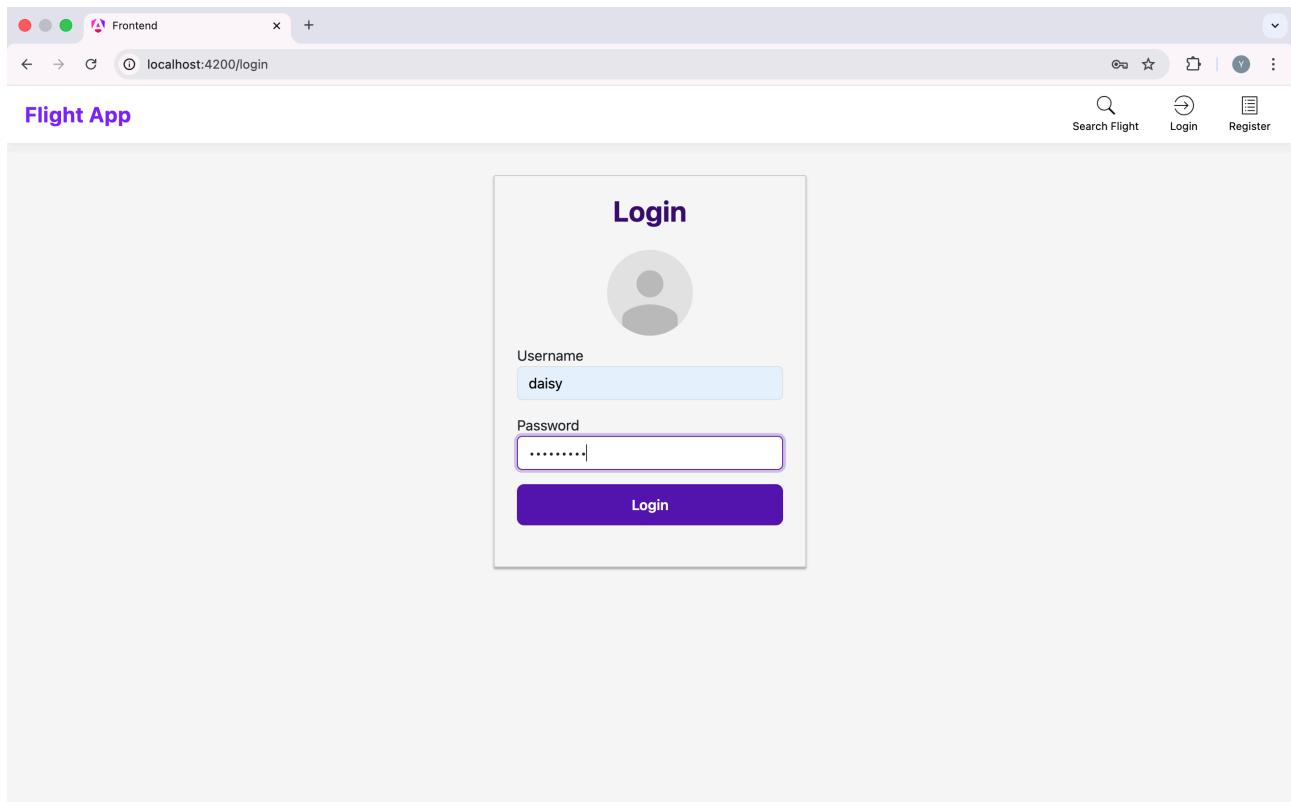
At <http://localhost:4200/register> : USER IS TRYING TO REGISTER



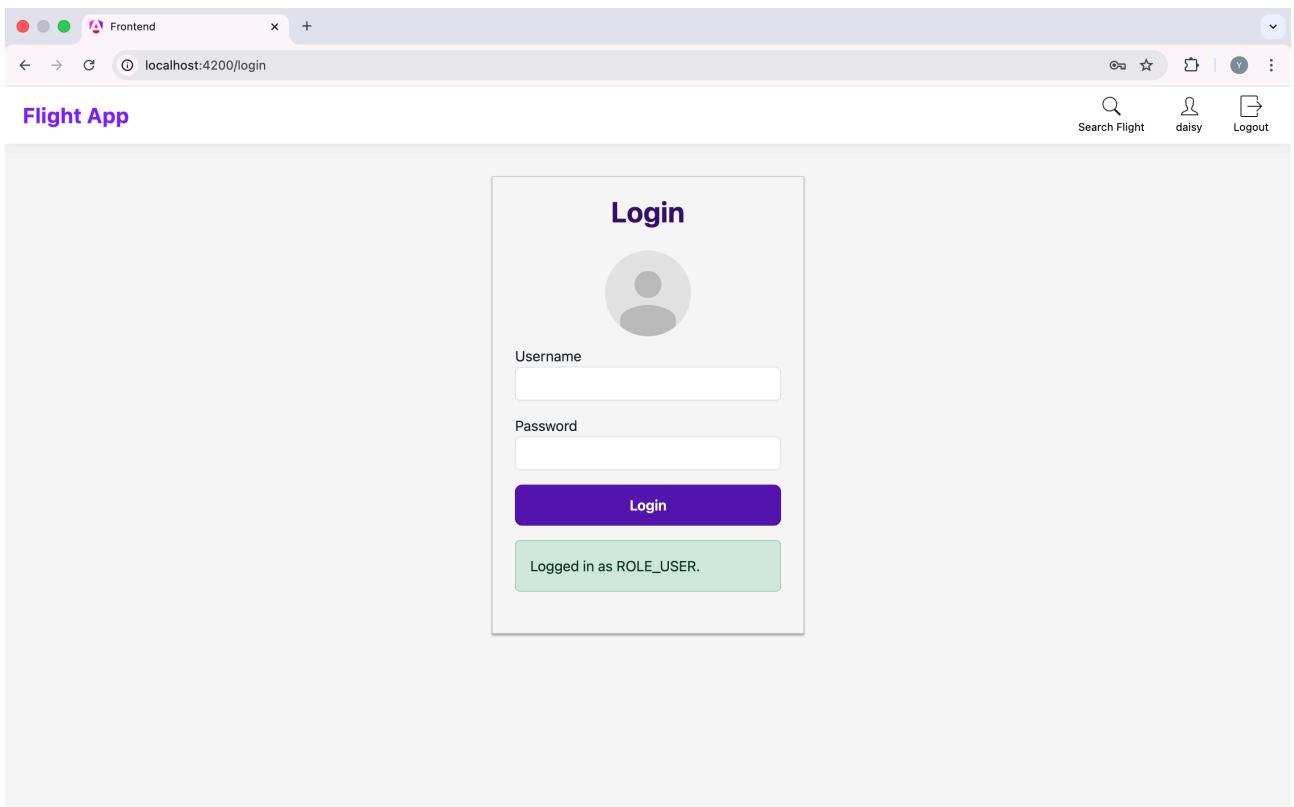
At <http://localhost:4200/register> : USER REGISTRATION SUCCESSFUL



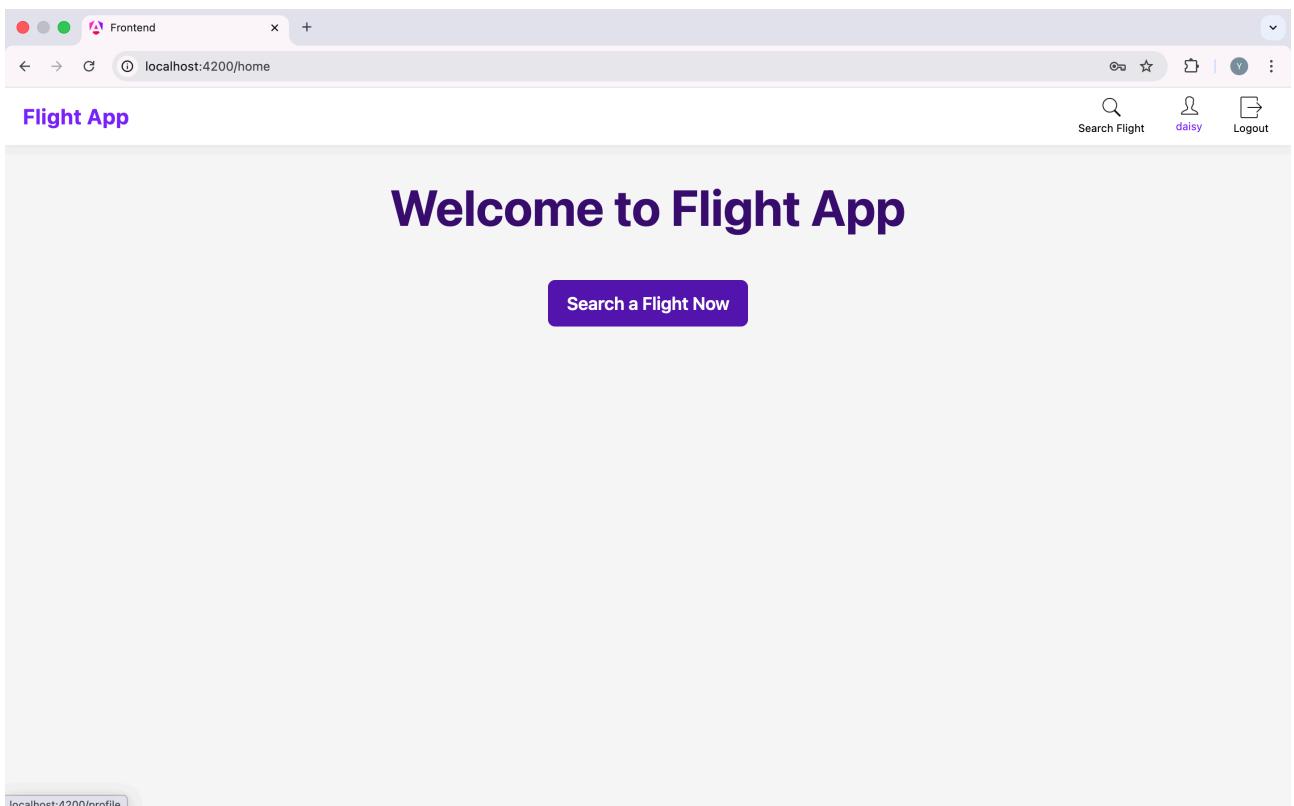
At <http://localhost:4200/login> : USER IS TRYING TO LOGIN



At <http://localhost:4200/login> : USER LOGIN SUCCESSFUL



At <http://localhost:4200/home> : UPDATED USERNAME



At <http://localhost:4200/search> : SEARCH FLIGHTS PAGE

A screenshot of a web browser window titled "Frontend". The address bar shows "localhost:4200/search". The page itself is titled "Flight App" and contains a heading "Search Flights". Below the heading are two input fields: "From (e.g. VJA)" and "To (e.g. BLR)". To the right of these fields is a purple "Search" button. The rest of the page is blank.

At <http://localhost:4200/search> : SEARCH FLIGHTS FROM VJA -> BLR

A screenshot of a web browser window titled "Frontend". The address bar shows "localhost:4200/search". The page itself is titled "Flight App" and contains a heading "Search Flights". Below the heading are two input fields: the first contains "VJA" and the second contains "BLR". To the right of these fields is a purple "Search" button. The rest of the page is blank.

At <http://localhost:4200/search> : FLIGHTS FROM VJA -> BLR

Flight No	From	To	Departure	Price (One Way)	Action
SH-201	VJA	BLR	12/25/25, 10:00 AM	₹6000	<button>Book</button>
SH-202	VJA	BLR	12/25/25, 10:00 AM	₹6000	<button>Book</button>
SH-203	VJA	BLR	12/25/25, 10:00 AM	₹6000	<button>Book</button>

IN POSTMAN : POST <http://localhost:9090/api/flight/flights/search>

```
POST /api/flight/flights/search
{
  "from": "VJA",
  "to": "BLR"
}
```

ID	From Place	To Place	Arrival Time	Departure Time	Available Seats	Price (One Way)	Round Trip Price
693f22eaa9bcbb12f769dc7e	VJA	BLR	2025-12-25T14:00:00	2025-12-25T10:00:00	100	6000.0	10000.0
693ecd71603e9d43eb3b6aa0	VJA	BLR	2025-12-25T14:00:00	2025-12-25T10:00:00	100	6000.0	10000.0

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar lists collections like 'devops-demo-api', 'flight-microservices', 'microservices-quiz-app', 'New Collection', and 'security-flight-microservices'. The 'security-flight-microservices' collection is expanded, showing various endpoints such as 'check health', 'signup as admin', 'signup as user', 'sign in', 'verify token', 'add airline', 'get all airlines', 'get airline by ID', 'add flight', 'add flight using file', 'get all flights', 'get flight by ID', 'update flights', 'search flights by src, dest', 'get seats', 'add seats', 'update seats', 'book flight', 'get all bookings', 'get booking by PNR', and 'del booking'. A 'webflux-demo' entry is also present.

The main workspace displays a POST request to `http://localhost:9090/api/flight/flights/search`. The request body is:

```
1 {
2   "from": "VJA",
3   "to": "BLR"
4 }
```

The response is a 200 OK status with a response time of 789 ms and a size of 1.16 KB. The JSON response contains three flight records:

```
15 {
16   "id": "693f22f049bcb12f769dc7f",
17   "fromPlace": "VJA",
18   "toPlace": "BLR",
19   "arrivalTime": "2025-12-25T14:00:00",
20   "departureTime": "2025-12-25T10:00:00",
21   "availableSeats": 100,
22   "price": {
23     "oneWay": 6000.0,
24     "roundTrip": 10000.0
25   },
26   "airlineId": "693ecd71603e9d43eb3b6aa0",
27   "flightNumber": "SH-201"
28 },
29 {
30   "id": "693f22f449bcb12f769dc80",
31   "fromPlace": "VJA",
32   "toPlace": "BLR",
33   "arrivalTime": "2025-12-25T14:00:00",
34   "departureTime": "2025-12-25T10:00:00",
35   "availableSeats": 100,
36   "price": {
37     "oneWay": 6000.0,
38     "roundTrip": 10000.0
39   },
40   "airlineId": "693ecd71603e9d43eb3b6aa0",
41   "flightNumber": "SH-202"
42 },
43 {
44   "id": "693f22f449bcb12f769dc80",
45   "fromPlace": "VJA",
46   "toPlace": "BLR",
47   "arrivalTime": "2025-12-25T14:00:00",
48   "departureTime": "2025-12-25T10:00:00",
49   "availableSeats": 100,
50   "price": {
51     "oneWay": 6000.0,
52     "roundTrip": 10000.0
53   },
54   "airlineId": "693ecd71603e9d43eb3b6aa0",
55   "flightNumber": "SH-203"
56 }
```

This screenshot is nearly identical to the one above, showing the same Postman interface and API call details. The main difference is in the JSON response, which now includes an additional flight record (SH-203) compared to the previous screenshot.

The JSON response now contains four flight records:

```
15 {
16   "id": "693f22f049bcb12f769dc7f",
17   "fromPlace": "VJA",
18   "toPlace": "BLR",
19   "arrivalTime": "2025-12-25T14:00:00",
20   "departureTime": "2025-12-25T10:00:00",
21   "availableSeats": 100,
22   "price": {
23     "oneWay": 6000.0,
24     "roundTrip": 10000.0
25   },
26   "airlineId": "693ecd71603e9d43eb3b6aa0",
27   "flightNumber": "SH-201"
28 },
29 {
30   "id": "693f22f449bcb12f769dc80",
31   "fromPlace": "VJA",
32   "toPlace": "BLR",
33   "arrivalTime": "2025-12-25T14:00:00",
34   "departureTime": "2025-12-25T10:00:00",
35   "availableSeats": 100,
36   "price": {
37     "oneWay": 6000.0,
38     "roundTrip": 10000.0
39   },
40   "airlineId": "693ecd71603e9d43eb3b6aa0",
41   "flightNumber": "SH-202"
42 },
43 {
44   "id": "693f22f449bcb12f769dc80",
45   "fromPlace": "VJA",
46   "toPlace": "BLR",
47   "arrivalTime": "2025-12-25T14:00:00",
48   "departureTime": "2025-12-25T10:00:00",
49   "availableSeats": 100,
50   "price": {
51     "oneWay": 6000.0,
52     "roundTrip": 10000.0
53   },
54   "airlineId": "693ecd71603e9d43eb3b6aa0",
55   "flightNumber": "SH-203"
56 }
```

RESULT: Same 3 flights SH-201, SH-202, SH-203 are returned

At <http://localhost:4200/search> : FLIGHTS FROM VJA -> DEL (Unavailable route)

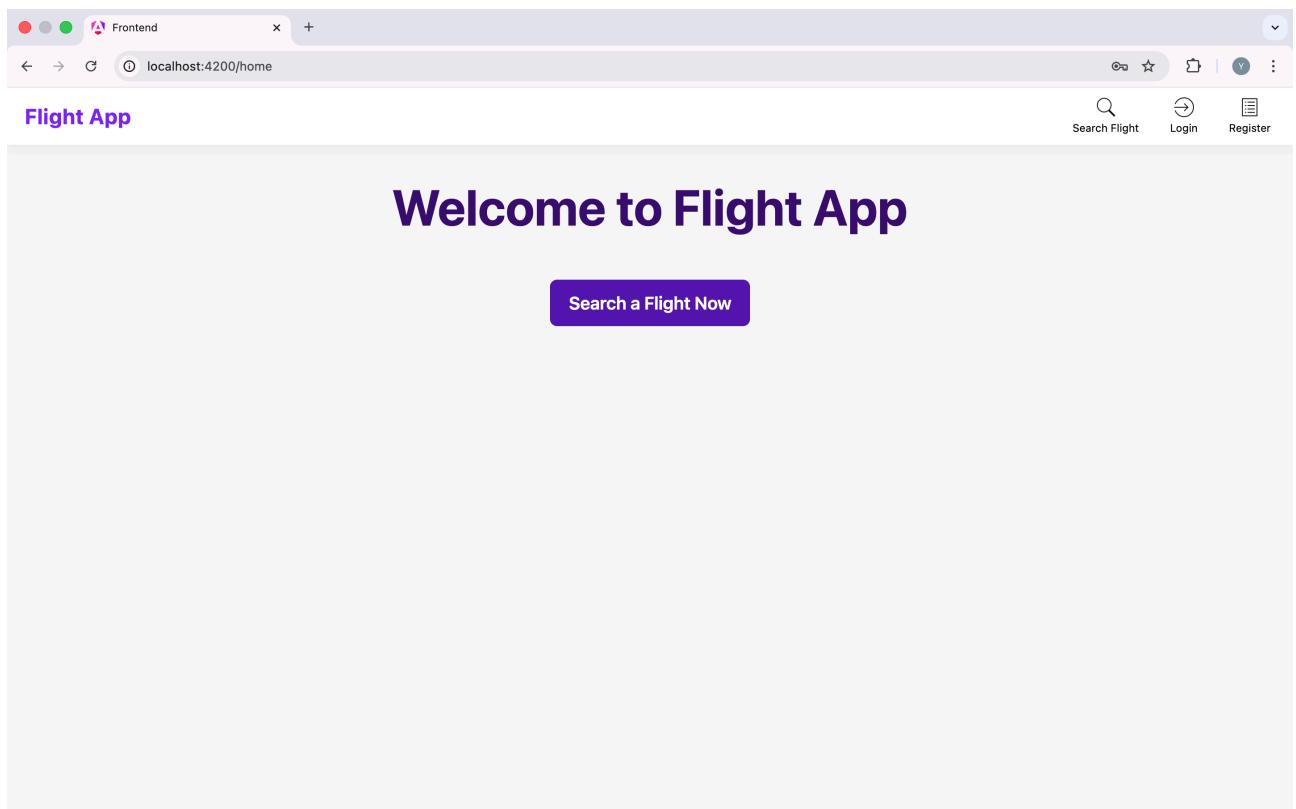
The screenshot shows a web browser window titled "Frontend" with the URL "localhost:4200/search". The page is titled "Flight App" and has a "Search Flights" section. Two input fields are present: "From" (VJA) and "To" (DEL). A purple "Search" button is to the right. Below the inputs, a pink rectangular box displays the message "No flights found for this route." The rest of the page is blank.

At <http://localhost:4200/search> : TRYING TO LOGOUT AFTER SEARCHING FLIGHTS

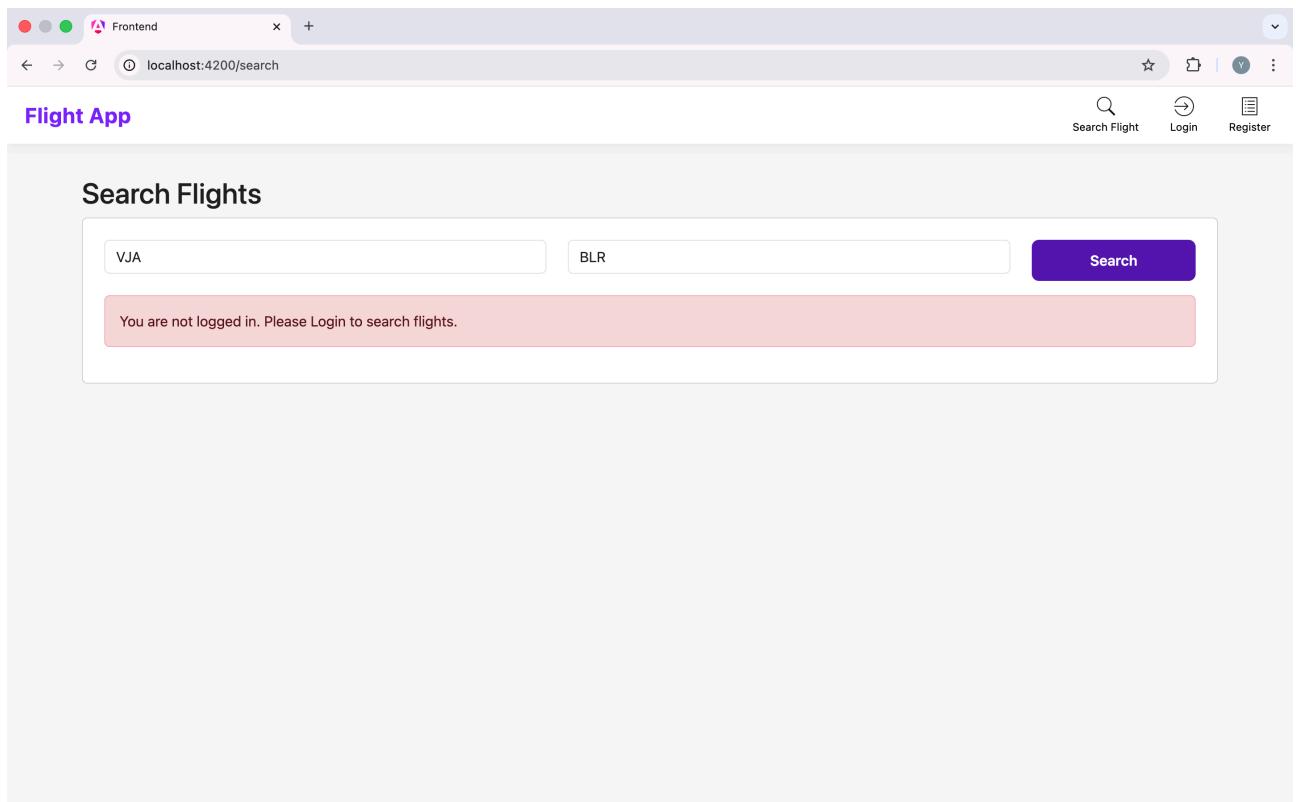
The screenshot shows a web browser window titled "Frontend" with the URL "localhost:4200/search". The page is titled "Flight App" and has a "Search Flights" section. Two input fields are present: "From" (VJA) and "To" (BLR). A purple "Search" button is to the right. Below the inputs, a pink rectangular box displays the message "Available Flights". A table lists three flight options:

Flight No	From	To	Departure	Price (One Way)	Action
SH-201	VJA	BLR	12/25/25, 10:00 AM	₹6000	<button>Book</button>
SH-202	VJA	BLR	12/25/25, 10:00 AM	₹6000	<button>Book</button>
SH-203	VJA	BLR	12/25/25, 10:00 AM	₹6000	<button>Book</button>

At <http://localhost:4200/home> : LOGGED OUT



At <http://localhost:4200/search> : TRYING TO SEARCH FLIGHT WITHOUT LOGGING IN



At <http://localhost:4200/login> : LOGGING IN WITH WRONG PASSWORD

