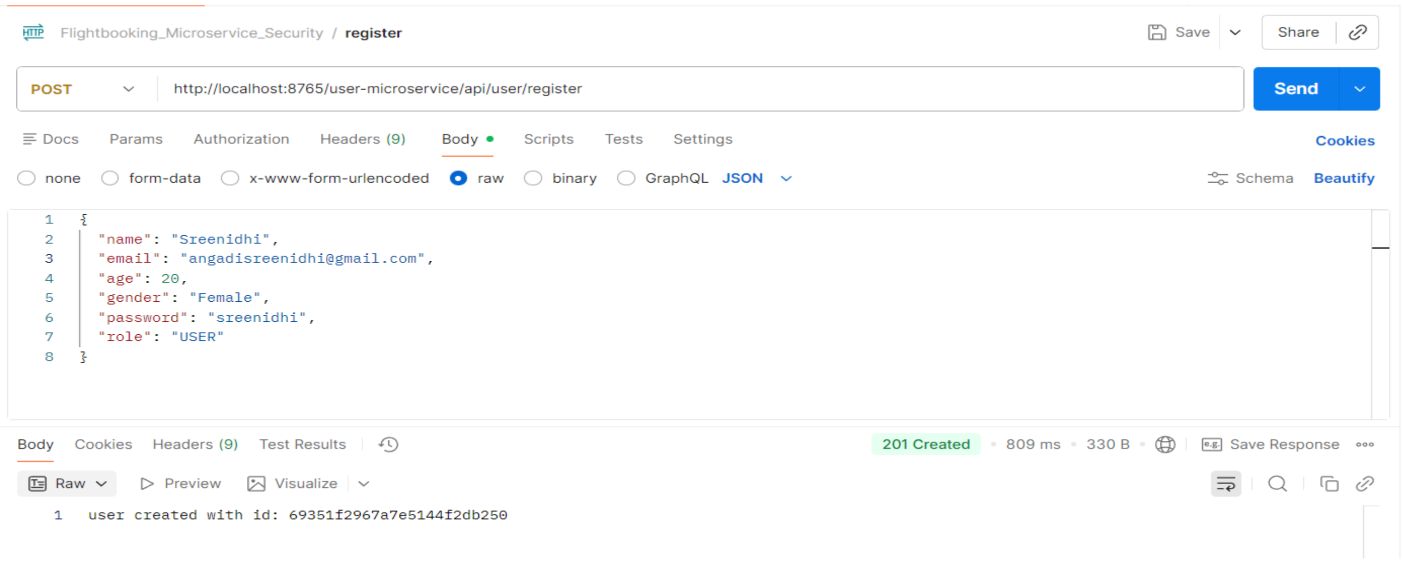
Postman implementation after Api gateway Security and Dockerization

1)user register



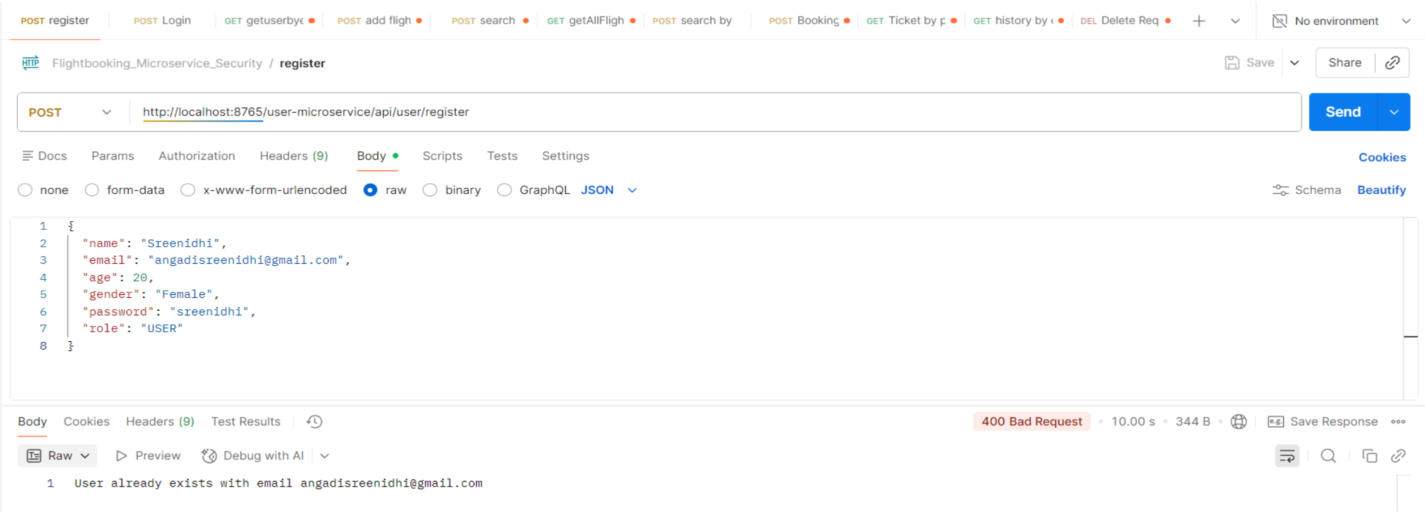
POST http://localhost:8765/user-microservice/api/user/register

```
{
  "name": "Sreenidhi",
  "email": "angadisreenidhi@gmail.com",
  "age": 20,
  "gender": "Female",
  "password": "sreenidhi",
  "role": "USER"
}
```

201 Created • 809 ms • 330 B

```
user created with id: 69351f2967a7e5144f2db250
```

2)user already exists validation



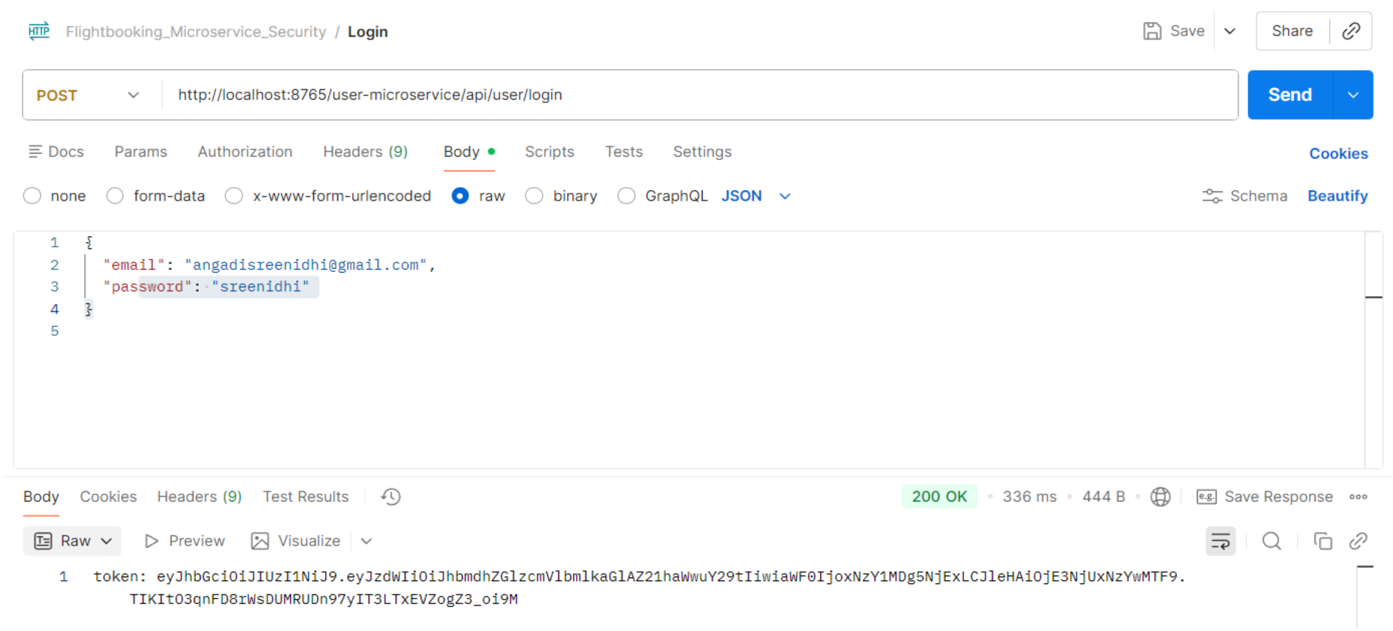
POST http://localhost:8765/user-microservice/api/user/register

```
{
  "name": "Sreenidhi",
  "email": "angadisreenidhi@gmail.com",
  "age": 20,
  "gender": "Female",
  "password": "sreenidhi",
  "role": "USER"
}
```

400 Bad Request • 10.00 s • 344 B

```
User already exists with email angadisreenidhi@gmail.com
```

3)User login



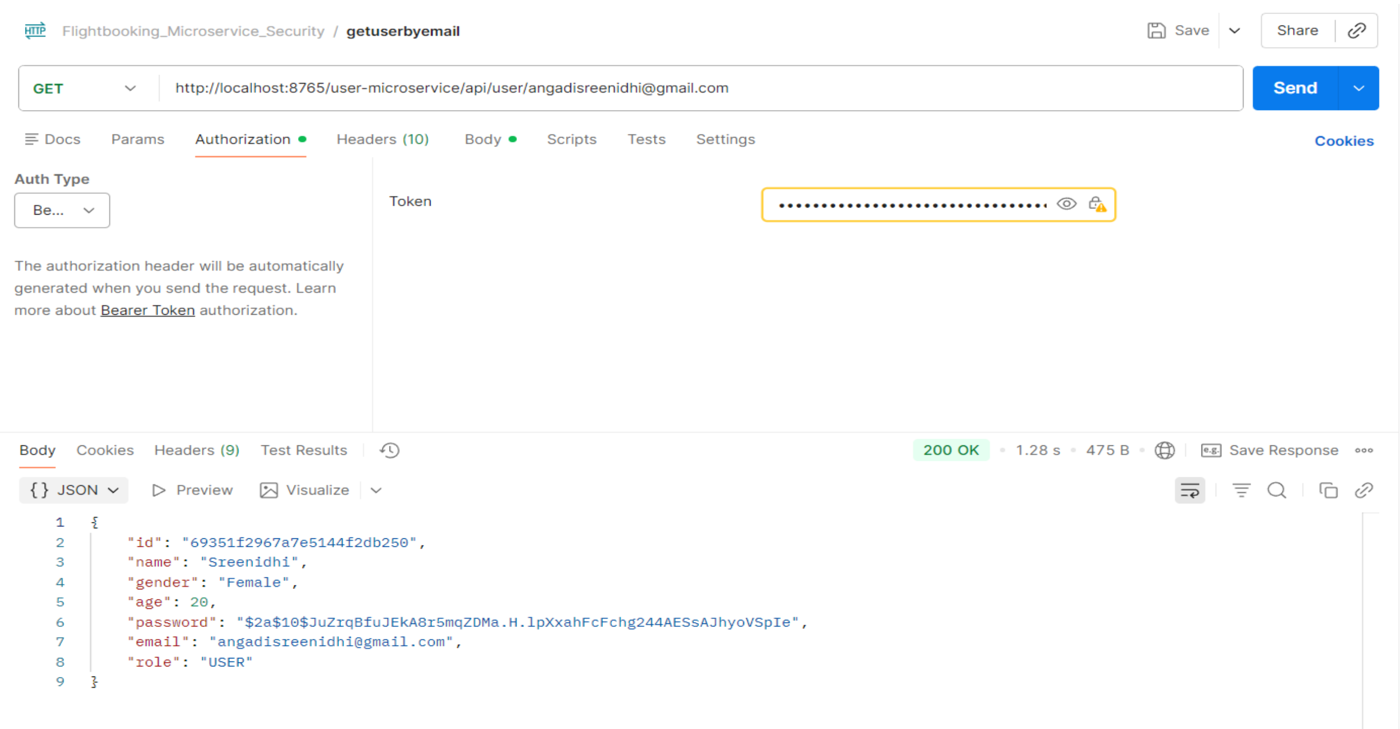
POST http://localhost:8765/user-microservice/api/user/login

```
{
  "email": "angadisreenidhi@gmail.com",
  "password": "sreenidhi"
}

```

200 OK • 336 ms • 444 B

```
token: eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhbmdhZGlzcmVlbmlkaGlAZ21haWwuY29tIiwiaWF0IjoxNzY1MDg5NjExLCJleHAiOjE3NjUxNzYwMTF9.
   TIKItO3qnFD8rWsDUMRUDn97yIT3LTxEVZogZ3_oi9M
```

4)get user by email



GET http://localhost:8765/user-microservice/api/user/angadisreenidhi@gmail.com

Auth Type: Be...

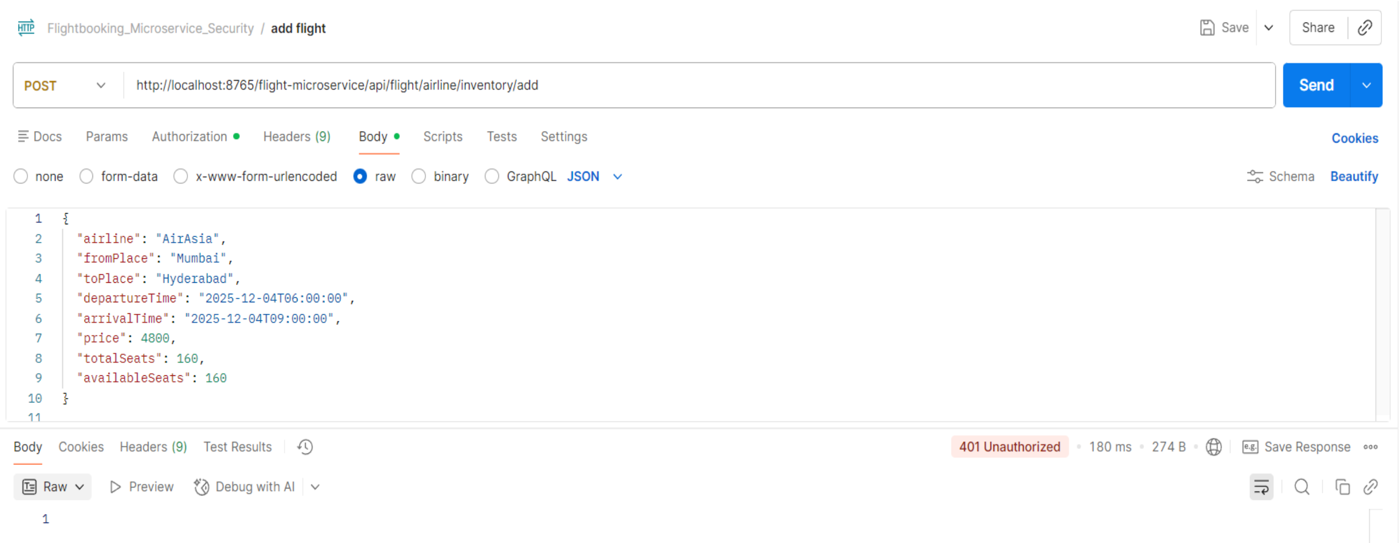
Token: ••••••••••••••••••••••••••••••••

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

200 OK • 1.28 s • 475 B

```
{
    "id": "69351f2967a7e5144f2db250",
    "name": "Sreenidhi",
    "gender": "Female",
    "age": 20,
    "password": "$2a$10$JuZrqBfuJEkA8r5mqZDMa.H.lpXxahFcFchg244AESsAJhyoVSpIe",
    "email": "angadisreenidhi@gmail.com",
    "role": "USER"
}
```

5)Adding inventory without authorization(showing one example)



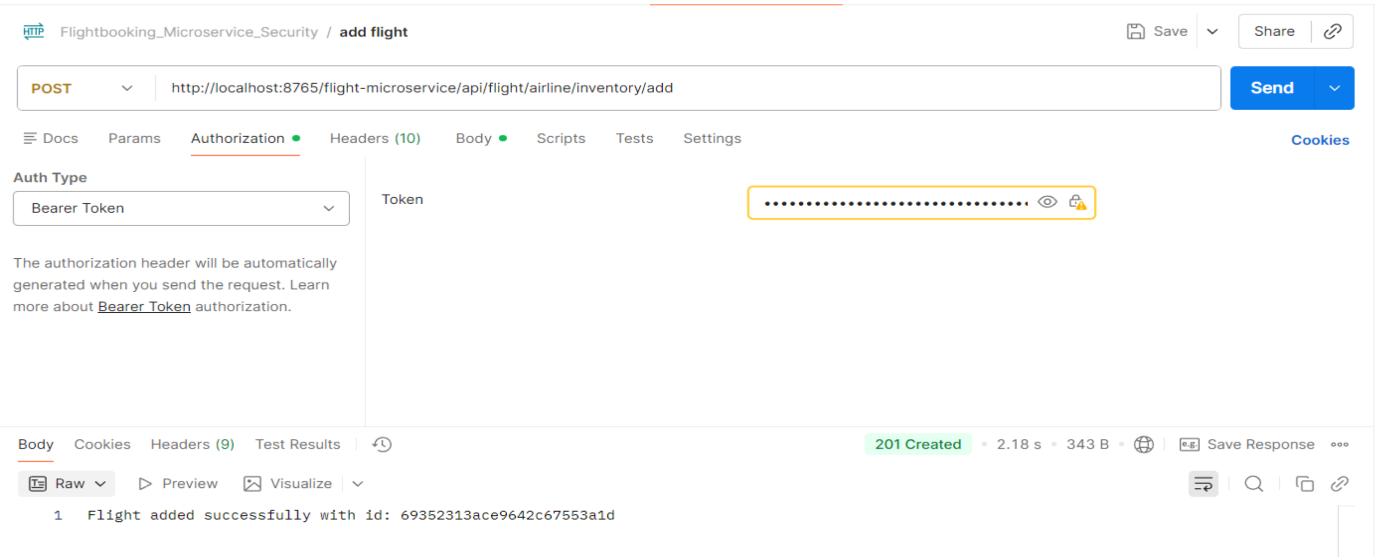
POST http://localhost:8765/flight-microservice/api/flight/airline/inventory/add

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

```
{
  "airline": "AirAsia",
  "fromPlace": "Mumbai",
  "toPlace": "Hyderabad",
  "departureTime": "2025-12-04T06:00:00",
  "arrivalTime": "2025-12-04T09:00:00",
  "price": 4800,
  "totalSeats": 160,
  "availableSeats": 160
}
```

401 Unauthorized • 180 ms • 274 B

6)adding inventory with authorization



POST http://localhost:8765/flight-microservice/api/flight/airline/inventory/add

Auth Type: Bearer Token

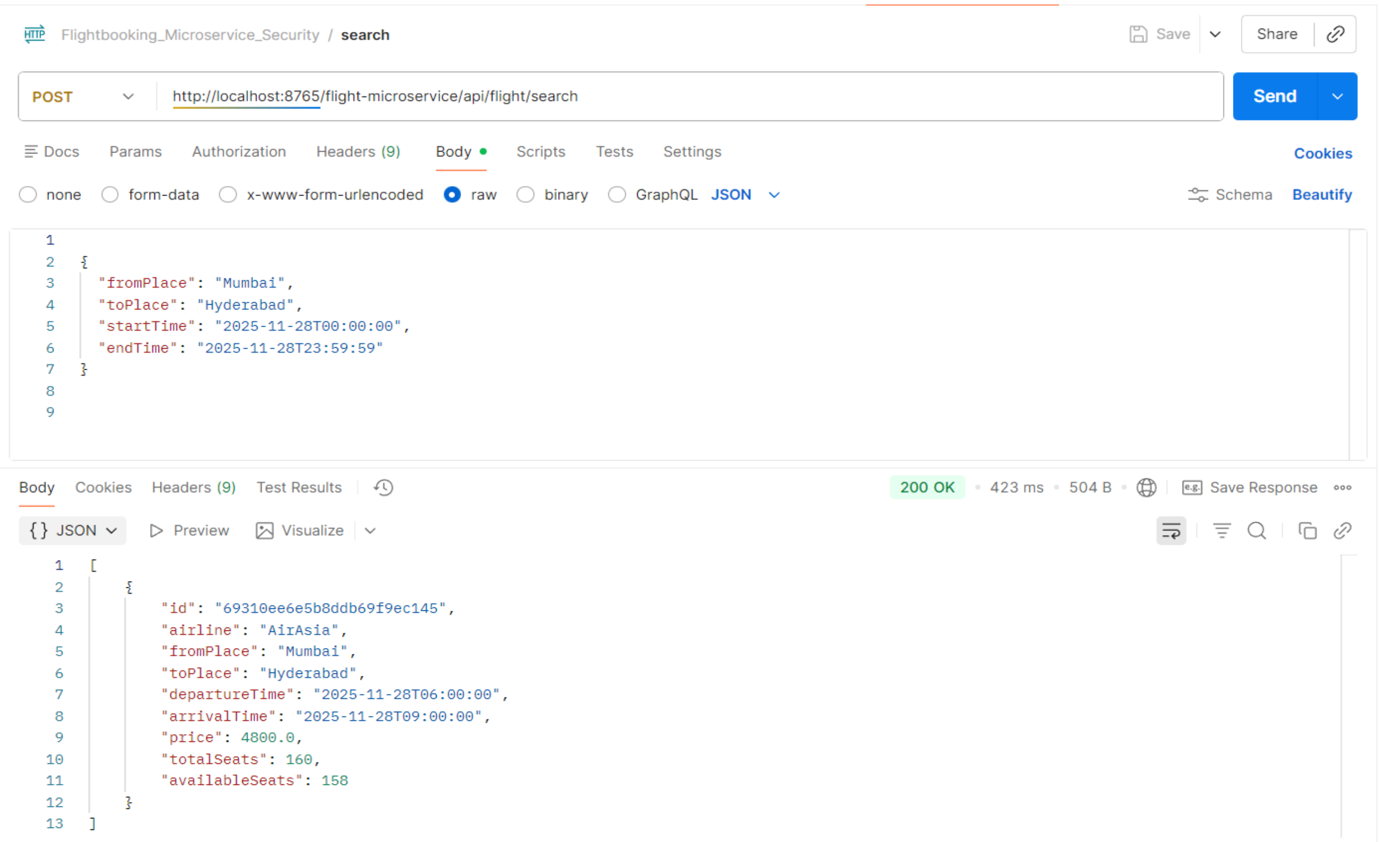
Token: ••••••••••••••••••••••••••••••••

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

201 Created • 2.18 s • 343 B

```
Flight added successfully with id: 69352313ace9642c67553a1d
```

7)Search flight



POST http://localhost:8765/flight-microservice/api/flight/search

Send

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

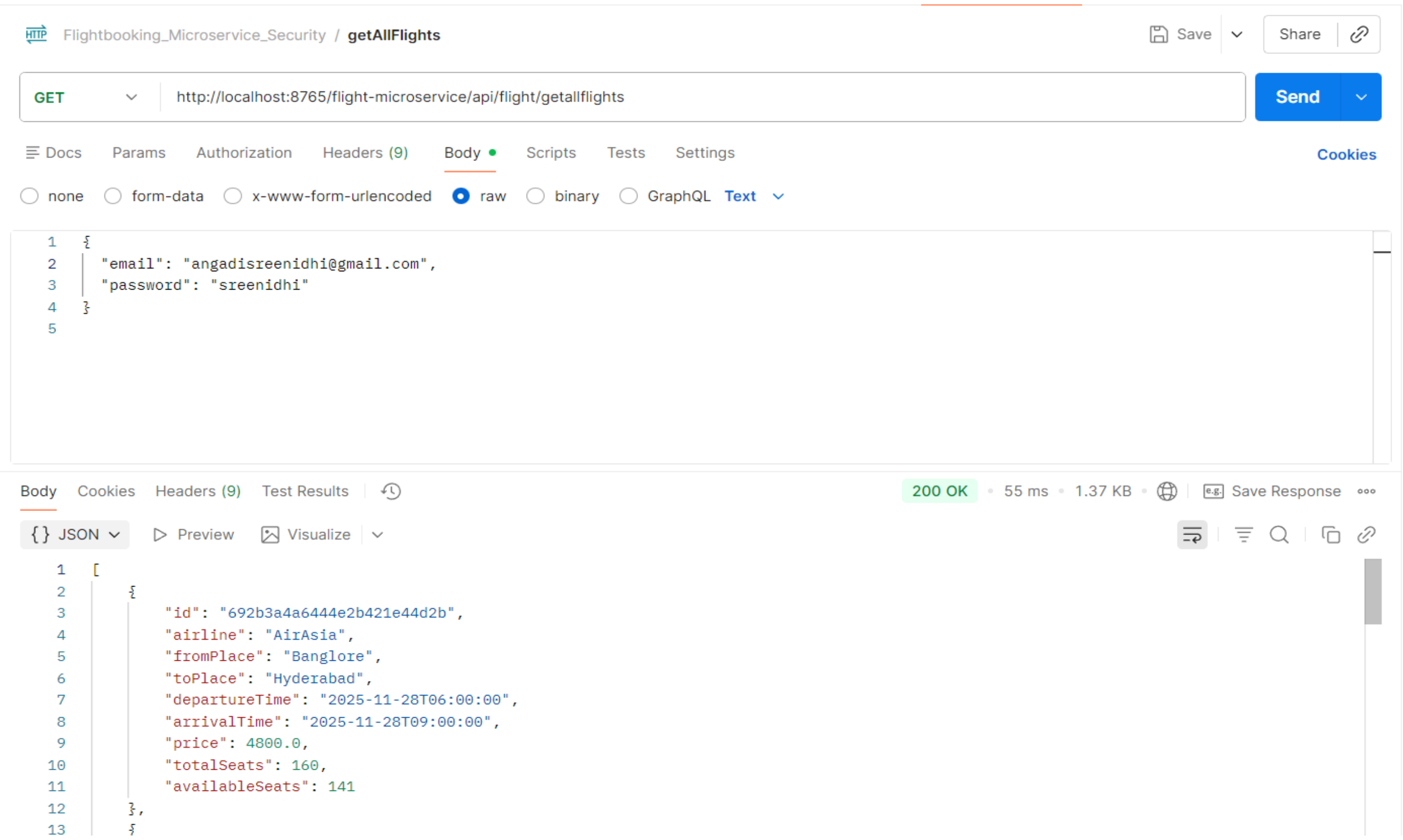
```

{
  "fromPlace": "Mumbai",
  "toPlace": "Hyderabad",
  "startTime": "2025-11-28T00:00:00",
  "endTime": "2025-11-28T23:59:59"
}


```

Body 200 OK • 423 ms • 504 B

{} JSON

```
[
    {
        "id": "69310ee6e5b8ddb69f9ec145",
        "airline": "AirAsia",
        "fromPlace": "Mumbai",
        "toPlace": "Hyderabad",
        "departureTime": "2025-11-28T06:00:00",
        "arrivalTime": "2025-11-28T09:00:00",
        "price": 4800.0,
        "totalSeats": 160,
        "availableSeats": 158
    }
]
```

8)get all flights



GET http://localhost:8765/flight-microservice/api/flight/getallflights

Send

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL Text

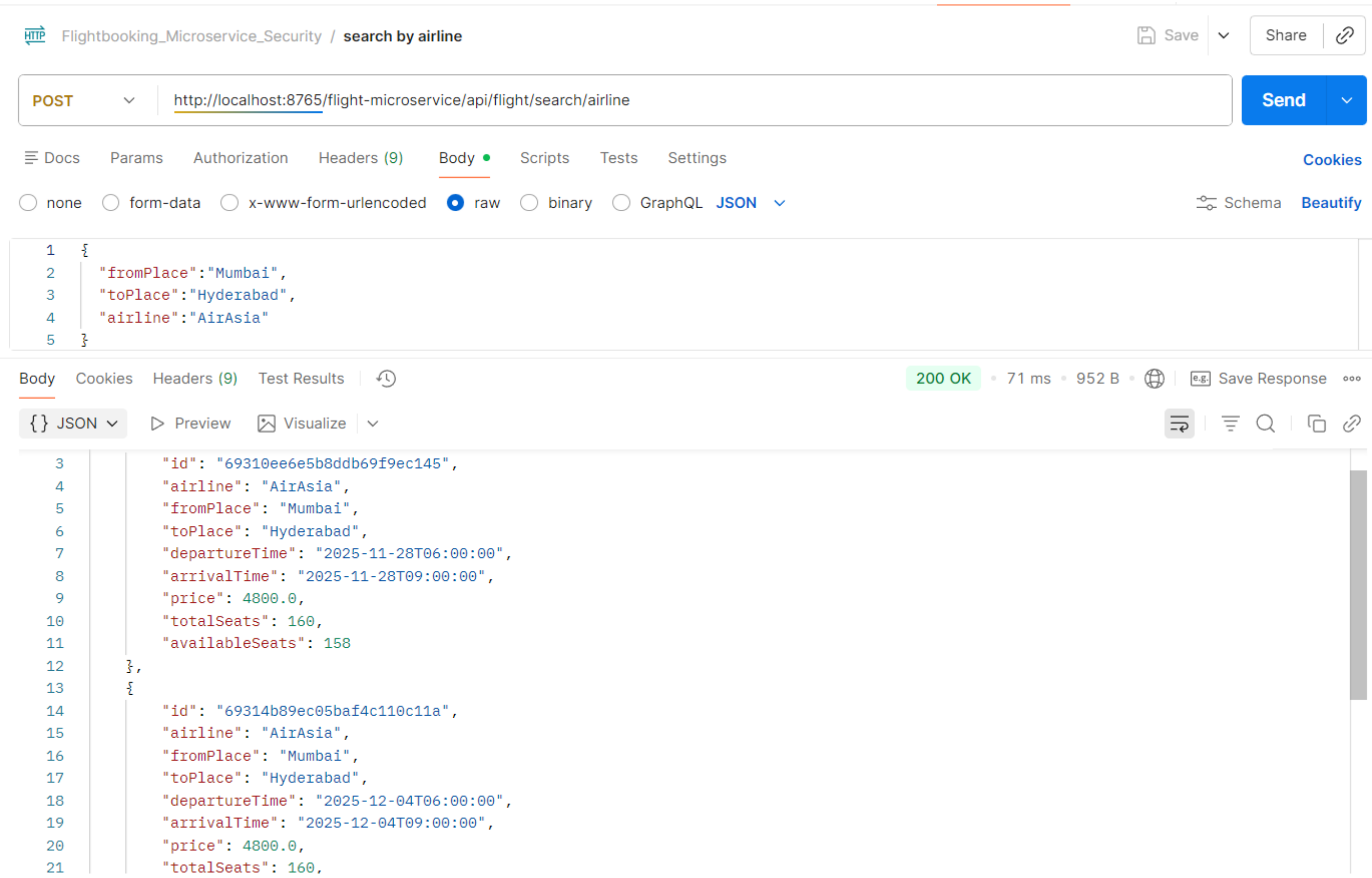
```
{
  "email": "angadisreenidhi@gmail.com",
  "password": "sreenidhi"
}

```

Body 200 OK • 55 ms • 1.37 KB

{} JSON

```
[
    {
        "id": "692b3a4a6444e2b421e44d2b",
        "airline": "AirAsia",
        "fromPlace": "Banglore",
        "toPlace": "Hyderabad",
        "departureTime": "2025-11-28T06:00:00",
        "arrivalTime": "2025-11-28T09:00:00",
        "price": 4800.0,
        "totalSeats": 160,
        "availableSeats": 141
    },
    {
```

9)Search by airline



Flightbooking_Microservice_Security / **search by airline**

POST http://localhost:8765/flight-microservice/api/flight/search/airline

Body: ● raw JSON

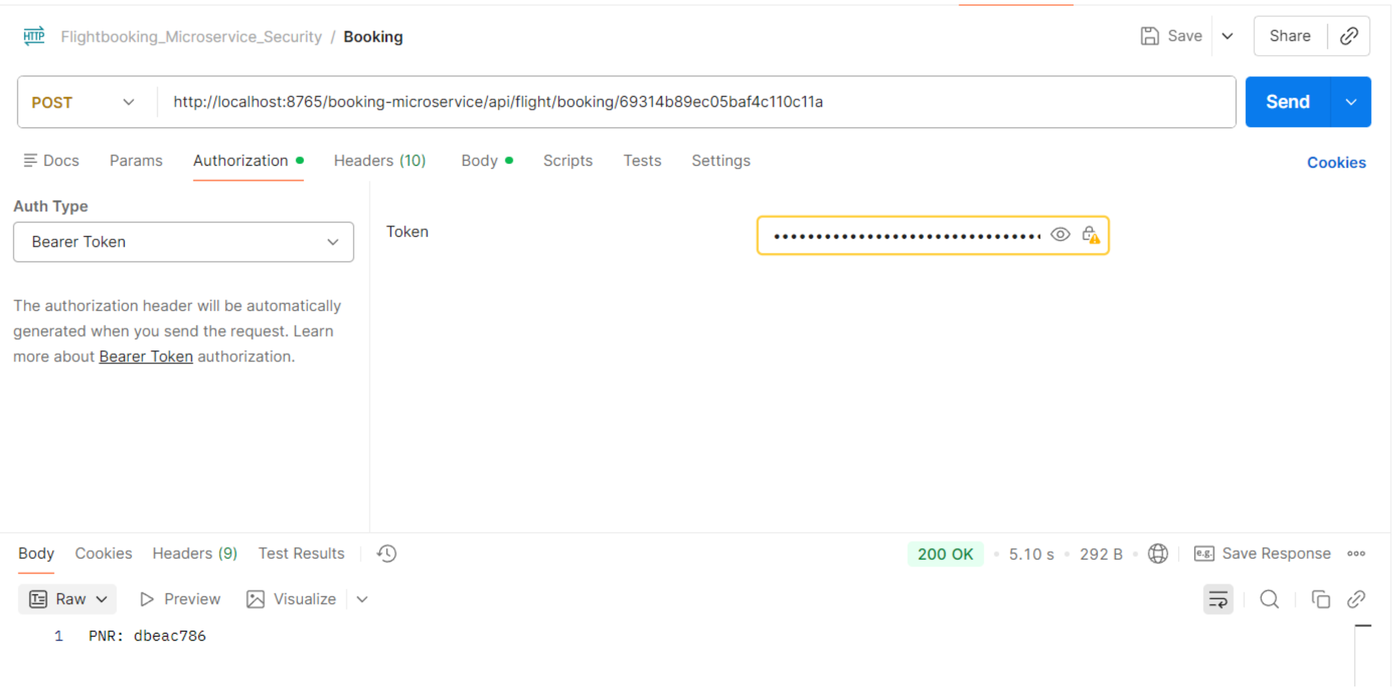
```
{
  "fromPlace":"Mumbai",
  "toPlace":"Hyderabad",
  "airline":"AirAsia"
}
```

200 OK • 71 ms • 952 B

{} JSON

```
        "id": "69310ee6e5b8ddb69f9ec145",
        "airline": "AirAsia",
        "fromPlace": "Mumbai",
        "toPlace": "Hyderabad",
        "departureTime": "2025-11-28T06:00:00",
        "arrivalTime": "2025-11-28T09:00:00",
        "price": 4800.0,
        "totalSeats": 160,
        "availableSeats": 158
    },
    {
        "id": "69314b89ec05baf4c110c11a",
        "airline": "AirAsia",
        "fromPlace": "Mumbai",
        "toPlace": "Hyderabad",
        "departureTime": "2025-12-04T06:00:00",
        "arrivalTime": "2025-12-04T09:00:00",
        "price": 4800.0,
        "totalSeats": 160,
```

10)Booking



Flightbooking_Microservice_Security / **Booking**

POST http://localhost:8765/booking-microservice/api/flight/booking/69314b89ec05baf4c110c11a

Auth Type: Bearer Token

Token: ••••••••••••••••••••••••••••••••••••

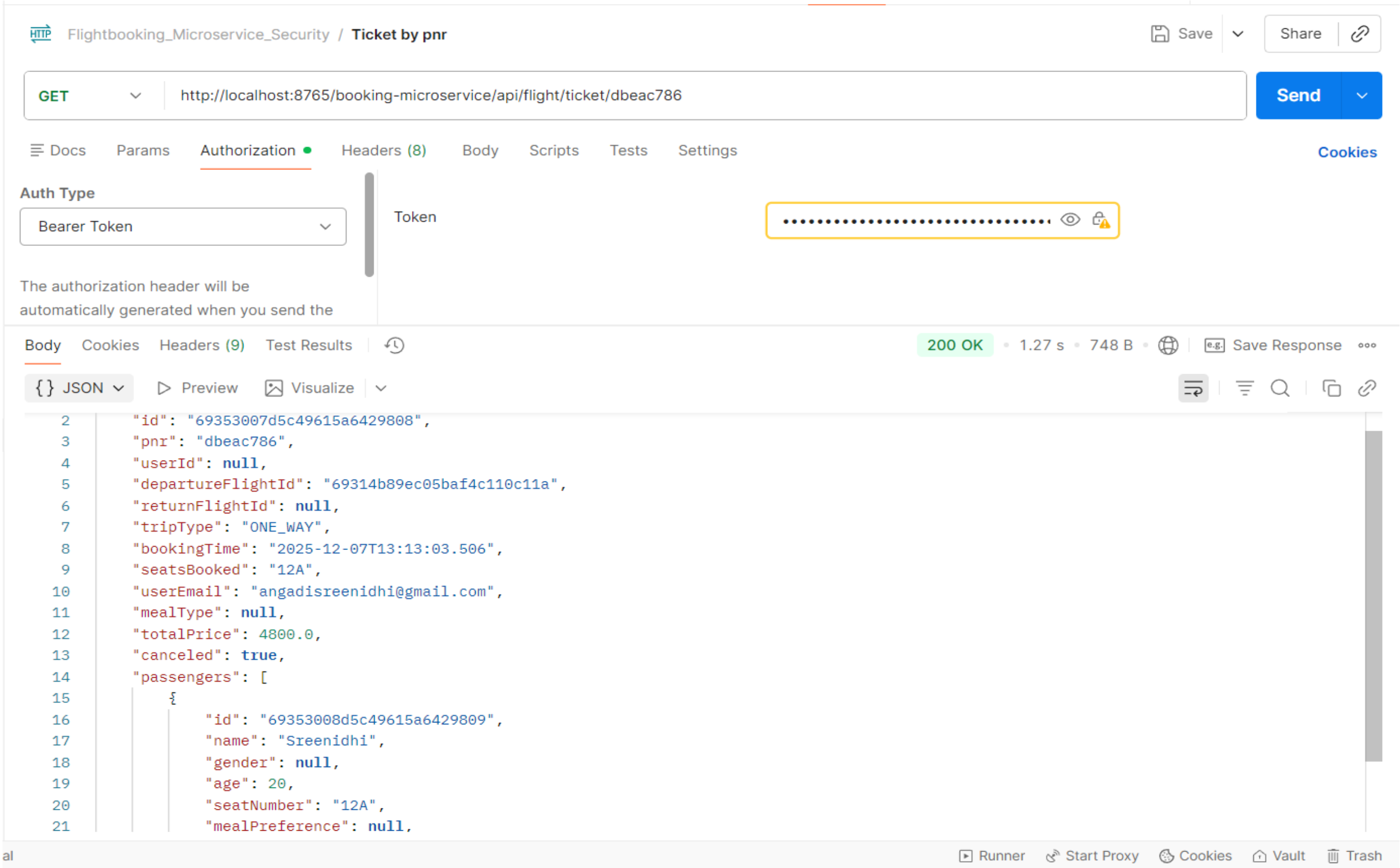
The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

200 OK • 5.10 s • 292 B

Raw

```
PNR: dbeac786
```

11)Ticket by PNR



Flightbooking_Microservice_Security / **Ticket by pnr**

GET http://localhost:8765/booking-microservice/api/flight/ticket/dbeac786

Auth Type: Bearer Token

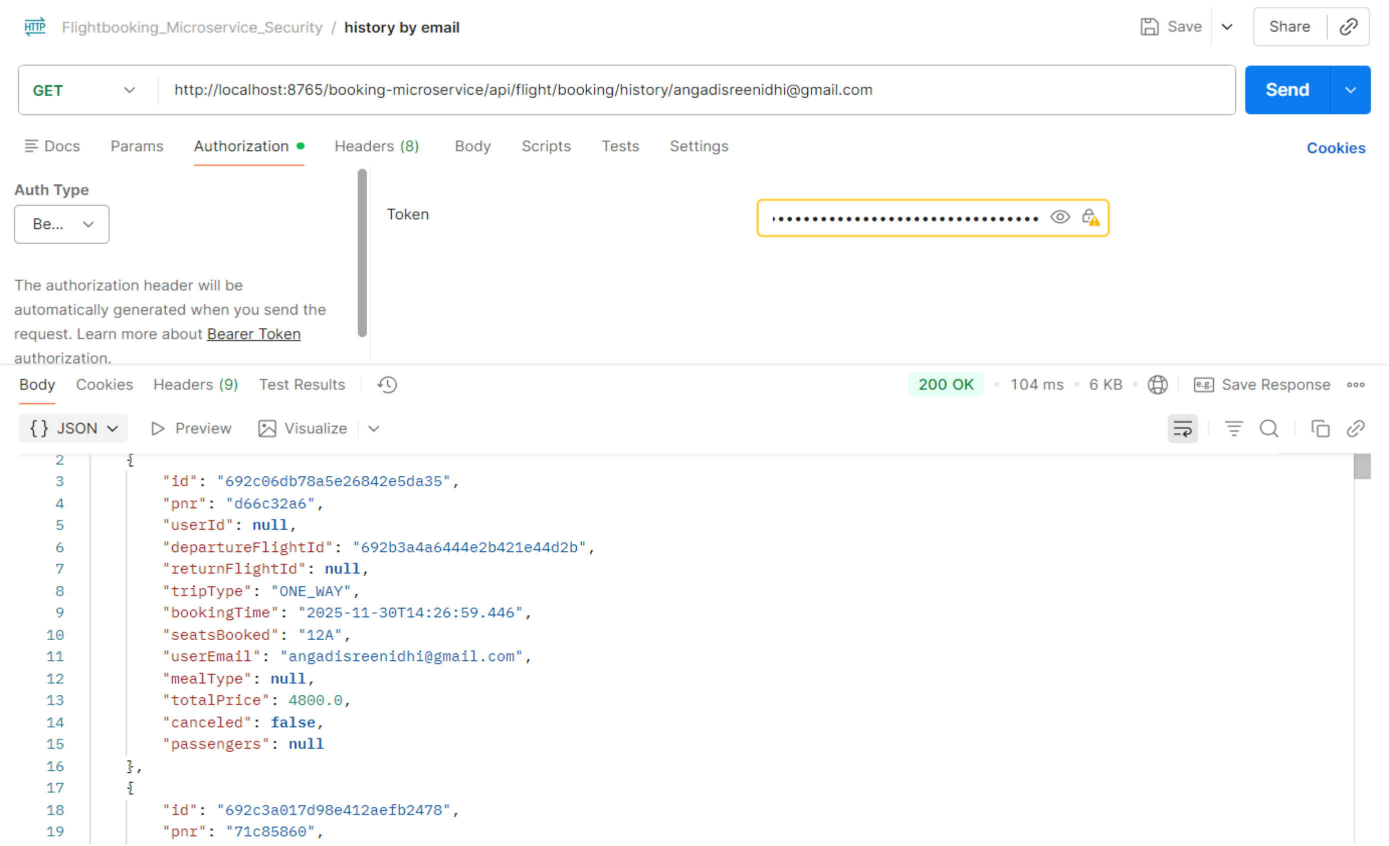
Token: ••••••••••••••••••••••••••••••••

The authorization header will be automatically generated when you send the

200 OK • 1.27 s • 748 B

```
    "id": "69353007d5c49615a6429808",
    "pnr": "dbeac786",
    "userId": null,
    "departureFlightId": "69314b89ec05baf4c110c11a",
    "returnFlightId": null,
    "tripType": "ONE_WAY",
    "bookingTime": "2025-12-07T13:13:03.506",
    "seatsBooked": "12A",
    "userEmail": "angadisreenidhi@gmail.com",
    "mealType": null,
    "totalPrice": 4800.0,
    "canceled": true,
    "passengers": [
        {
            "id": "69353008d5c49615a6429809",
            "name": "Sreenidhi",
            "gender": null,
            "age": 20,
            "seatNumber": "12A",
            "mealPreference": null,
```

12)get booking history



Flightbooking_Microservice_Security / **history by email**

GET http://localhost:8765/booking-microservice/api/flight/booking/history/angadisreenidhi@gmail.com

Auth Type: Be...

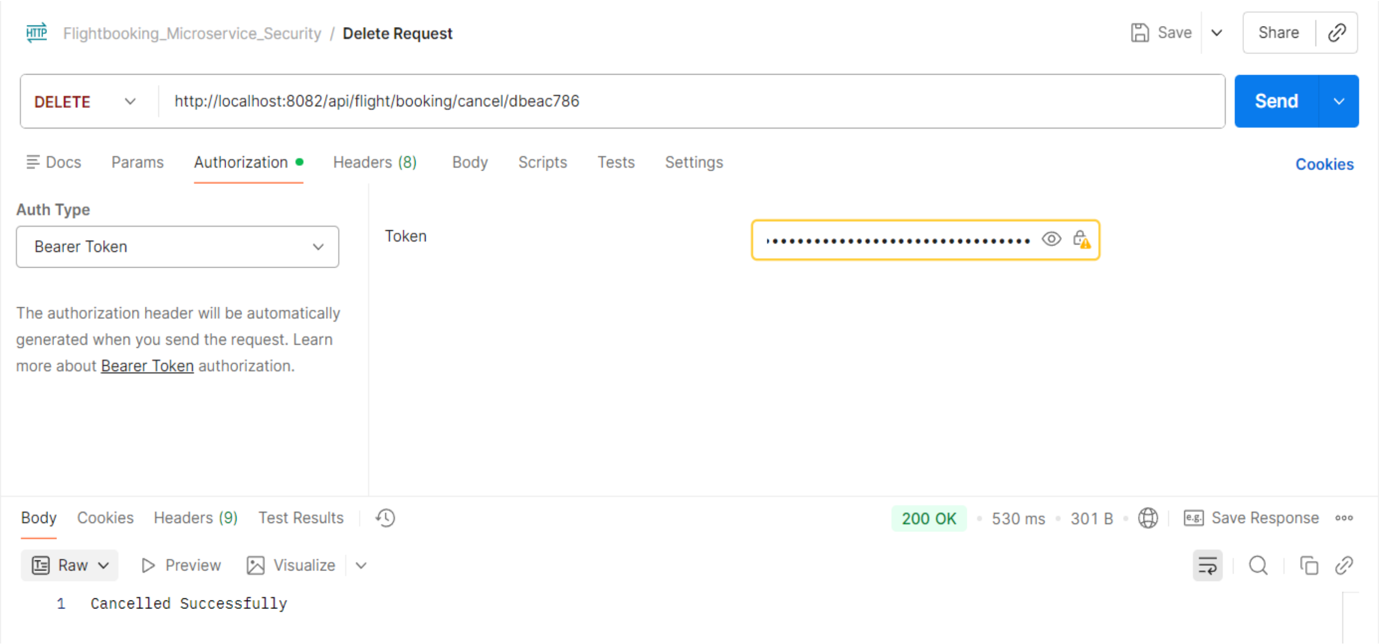
Token: ••••••••••••••••••••••••••••••••

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

200 OK • 104 ms • 6 KB

```
    {
        "id": "692c06db78a5e26842e5da35",
        "pnr": "d66c32a6",
        "userId": null,
        "departureFlightId": "692b3a4a6444e2b421e44d2b",
        "returnFlightId": null,
        "tripType": "ONE_WAY",
        "bookingTime": "2025-11-30T14:26:59.446",
        "seatsBooked": "12A",
        "userEmail": "angadisreenidhi@gmail.com",
        "mealType": null,
        "totalPrice": 4800.0,
        "canceled": false,
        "passengers": null
    },
    {
        "id": "692c3a017d98e412aefb2478",
        "pnr": "71c85860",
```

13)Cancel Ticket



Flightbooking_Microservice_Security / Delete Request

DELETE http://localhost:8082/api/flight/booking/cancel/dbeac786

Auth Type: Bearer Token

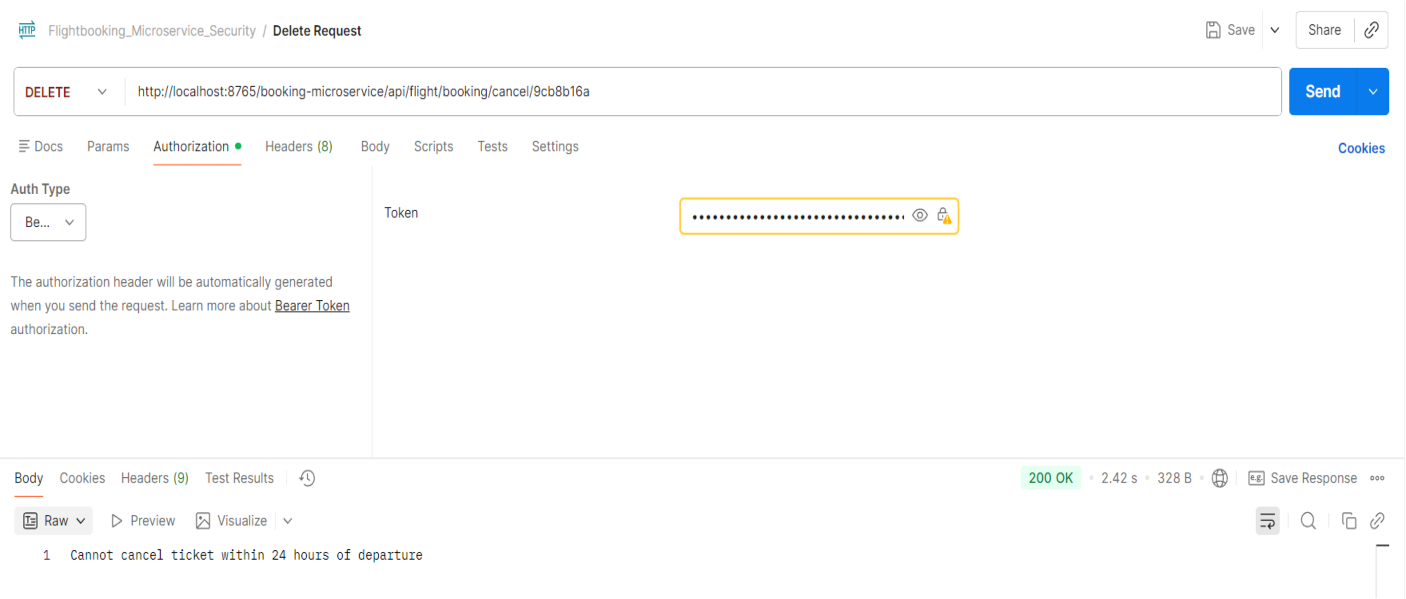
The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

Token: ••••••••••••••••••••••••••••••••••

200 OK • 530 ms • 301 B

```
Cancelled Successfully
```

14)cancel ticket validation



Flightbooking_Microservice_Security / Delete Request

DELETE http://localhost:8765/booking-microservice/api/flight/booking/cancel/9cb8b16a

Auth Type: Be...

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

Token: ••••••••••••••••••••••••••••••••

200 OK • 2.42 s • 328 B

```
Cannot cancel ticket within 24 hours of departure
```