

# Chubb Assignment 3 Report

**Newman report** (HTML report of the same can be found in the “newman\_report” folder)

```
vishnu fedora ➔ ./newman ➔ newman run Chubb.postman_collection.json
newman
Default
Chubb
  vishnu fedora ➔ jmeter -n -t "/home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/Jmeter
  Flight Service.jmx" -l "/home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/results.csv" -e -o
  Add flight schedule /home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/HTMLReport"
  POST http://localhost:9000/flightservice/api/flight/airline/inventory [201 Created, 484B, 37ms] will be removed in a future
  release
  ↴ Search Flight ConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future
  POST http://localhost:9000/flightservice/api/flight/search [200 OK, 2.66kB, 8ms]
  WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future
  Booking Service
  ↴ Search by pnr ConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future
  GET http://localhost:9000/bookingservice/api/flight/ticket/PNR17645920003131 [200 OK, 515B, 10ms]
  Creating summariser <summary>
  ↴ Cancel a ticket successfully using /home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/Jmeter te
  DELETE http://localhost:9000/bookingservice/api/flight/booking/cancel/PNR17645214757551 [204 No Content, 64B, 21ms]
  Starting standalone test @ 2025 Dec 1 19:28:39 IST (1764597519892)
  ↴ Get details using email Shutdown/StopTestNow/HeapDump/ThreadDump message on port 4445
  GET http://localhost:9000/bookingservice/api/flight/booking/history/vishnuvaradhankr@gmail.com [200 OK, 13.52kB, 13ms]
  Tidying up ... @ 2025 Dec 1 19:28:40 IST (1764597520971)
  ↴ Book ticket of run
  POST http://localhost:9000/bookingservice/api/flight/booking/3 [201 Created, 518B, 25ms]
```

Default	executed	failed
iterations	1	0
requests	6	0
test-scripts	0	0
prerequest-scripts	0	0
assertions	0	0
total run duration: 174ms		
total data received: 17.06kB (approx)		
average response time: 19ms [min: 8ms, max: 37ms, s.d.: 10ms]		

# Jmeter Report

Jmeter test using cli Test plan and Full report available on “Jmeter” folder

```
vishnu fedora ➤ ..../Jmeter ➤ jmeter -n -t "/home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/TestPlan.jmx" -l "/home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/results.jtl"
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
Creating summariser <summary>
Created the tree successfully using /home/vishnu/Documents/Chubb Assignments/FlightBookingMicroservice/Jmeter/TestPlan.jmx
Starting standalone test @ 2025 Dec 1 21:08:20 IST (1764603500402)
Waiting for possible Shutdown/StopTestNow/HeapDump/ThreadDump message on port 4445
summary = 120 in 00:00:01 = 114.3/s Avg: 27 Min: 7 Max: 122 Err: 36 (30.00%)
Tidying up ... @ 2025 Dec 1 21:08:21 IST (1764603501515)
... end of run
```



Test and Report information	
Source file	"results.jtl"
Start Time	"12/1/25, 9:08 PM"
End Time	"12/1/25, 9:08 PM"
Filter for display	""

APDEX (Application Performance Index)			
Apdex	T (Toleration threshold)	F (Frustration threshold)	Label
0.700	500 ms	1 sec 500 ms	Total
0.050	500 ms	1 sec 500 ms	Add Inventory
0.150	500 ms	1 sec 500 ms	Book Ticket
1.000	500 ms	1 sec 500 ms	Search Flight
1.000	500 ms	1 sec 500 ms	Cancel ticket
1.000	500 ms	1 sec 500 ms	Get Ticket history by email
1.000	500 ms	1 sec 500 ms	Get Ticket Details by PNR



# Jmeter test using GUI

## 20 Threads

Test Plan

- FlightBooking Microservice
  - Add Inventory
  - HTTP Header Manager
  - Search Flight
  - Book Ticket
    - HTTP Header Manager
    - Get Ticket Details by PNR
    - Get Ticket history by email
    - Cancel ticket
  - Summary Report
  - View Results Tree

**Summary Report**

Name: Summary Report  
Comments:  
Write results to file / Read from file  
Filename  Browse... Log/Display Only:  Errors  Successes  Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received K...	Sent KB/sec	Avg. Bytes
Add Invent...	20	8	7	26	4.02	95.00%	20.9/sec	3.97	8.46	194.8
Search Flight	20	8	5	12	1.57	0.00%	21.3/sec	55.54	5.82	2673.1
Book Ticket	20	15	11	50	8.15	95.00%	21.3/sec	3.33	13.37	160.4
Get Ticket ...	20	5	5	8	0.83	0.00%	22.2/sec	11.49	3.61	529.0
Get Ticket ...	20	26	14	38	5.42	0.00%	21.7/sec	337.57	3.90	15935.3
Cancel ticket	20	11	9	15	1.45	0.00%	22.3/sec	1.39	5.66	64.0
<b>TOTAL</b>	<b>120</b>	<b>12</b>	<b>5</b>	<b>50</b>	<b>8.13</b>	<b>31.67%</b>	<b>116.8/sec</b>	<b>371.92</b>	<b>37.07</b>	<b>3259.4</b>

## 50 Threads

Test Plan

- FlightBooking Microservice
  - Add Inventory
  - HTTP Header Manager
  - Search Flight
  - Book Ticket
    - HTTP Header Manager
    - Get Ticket Details by PNR
    - Get Ticket history by email
    - Cancel ticket
  - Summary Report
  - View Results Tree

**Summary Report**

Name: Summary Report  
Comments:  
Write results to file / Read from file  
Filename  Browse... Log/Display Only:  Errors  Successes  Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received K...	Sent KB/sec	Avg. Bytes
Add Invent...	50	7	5	26	2.83	98.00%	50.8/sec	9.18	20.57	185.3
Search Flight	50	7	6	12	1.12	0.00%	51.8/sec	135.08	14.15	2672.4
Book Ticket	50	12	8	55	9.27	98.00%	51.8/sec	7.96	32.59	157.3
Get Ticket ...	50	4	3	14	2.15	0.00%	54.5/sec	28.20	8.84	529.6
Get Ticket ...	50	31	26	49	4.17	0.00%	53.4/sec	956.02	9.59	18345.7
Cancel ticket	50	9	7	17	1.51	0.00%	54.7/sec	3.42	13.89	64.0
<b>TOTAL</b>	<b>300</b>	<b>12</b>	<b>3</b>	<b>55</b>	<b>10.09</b>	<b>32.67%</b>	<b>286.8/sec</b>	<b>1024.84</b>	<b>90.98</b>	<b>3659.1</b>

## 100 Threads

Test Plan

- FlightBooking Microservice
  - Add Inventory
  - HTTP Header Manager
  - Search Flight
  - Book Ticket
    - HTTP Header Manager
    - Get Ticket Details by PNR
    - Get Ticket history by email
    - Cancel ticket
  - Summary Report
  - View Results Tree

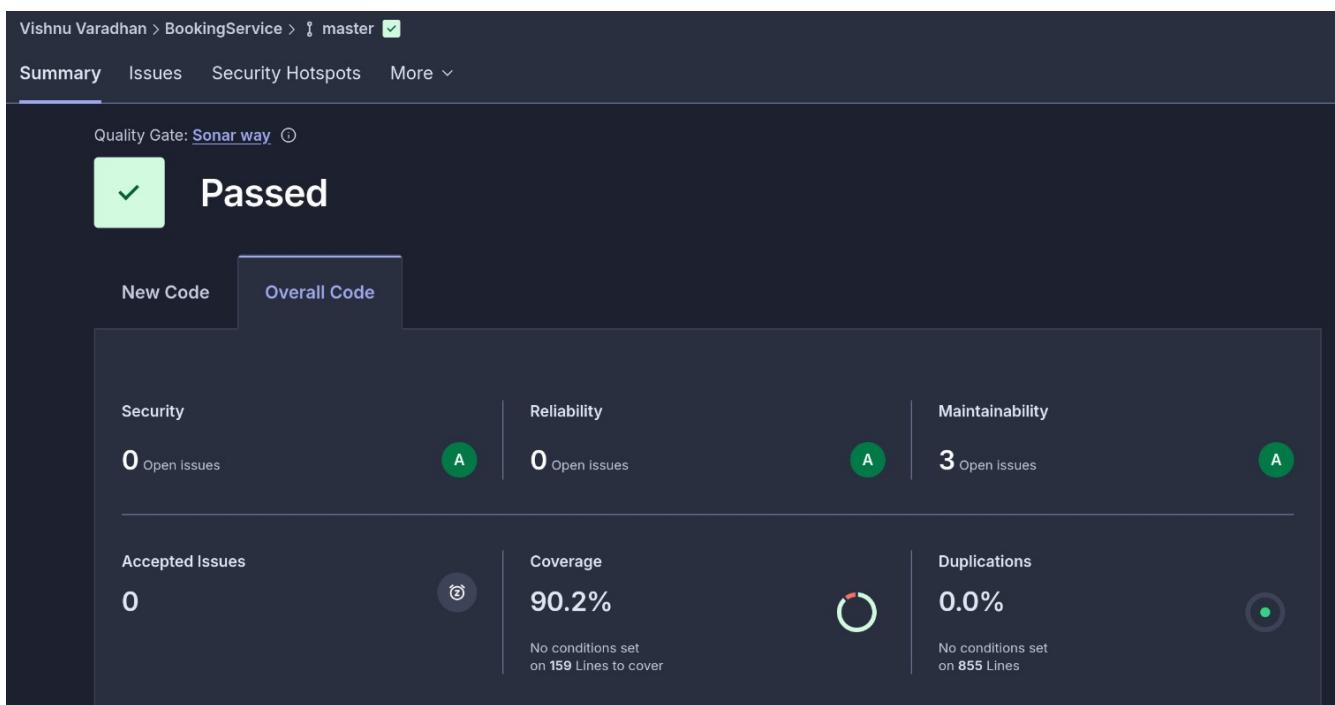
**Summary Report**

Name: Summary Report  
Comments:  
Write results to file / Read from file  
Filename  Browse... Log/Display Only:  Errors  Successes  Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received K...	Sent KB/sec	Avg. Bytes
Add Invent...	100	7	5	23	2.33	99.00%	100.4/sec	17.86	40.69	182.1
Search Flight	100	8	6	24	1.91	0.00%	101.1/sec	263.93	27.65	2672.9
Book Ticket	100	12	9	46	5.11	98.00%	101.0/sec	14.68	63.53	148.8
Get Ticket ...	100	4	3	10	0.92	0.00%	104.5/sec	54.00	16.94	529.2
Get Ticket ...	100	47	35	59	3.88	0.00%	101.7/sec	2377.69	18.28	23933.7
Cancel ticket	100	9	7	23	1.86	0.00%	106.0/sec	6.63	26.93	64.0
<b>TOTAL</b>	<b>600</b>	<b>14</b>	<b>3</b>	<b>59</b>	<b>14.96</b>	<b>32.83%</b>	<b>565.5/sec</b>	<b>2533.97</b>	<b>179.39</b>	<b>4588.4</b>

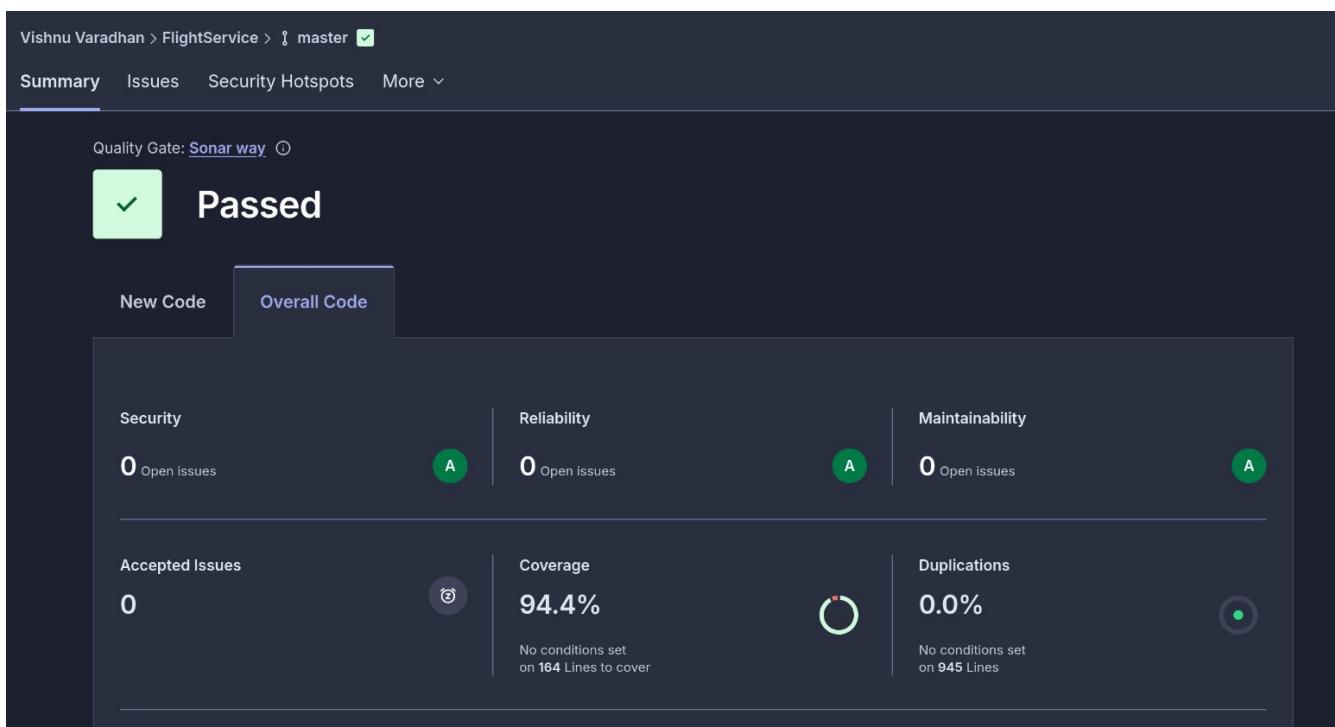
## SonarQube Report

### Booking Service Report:



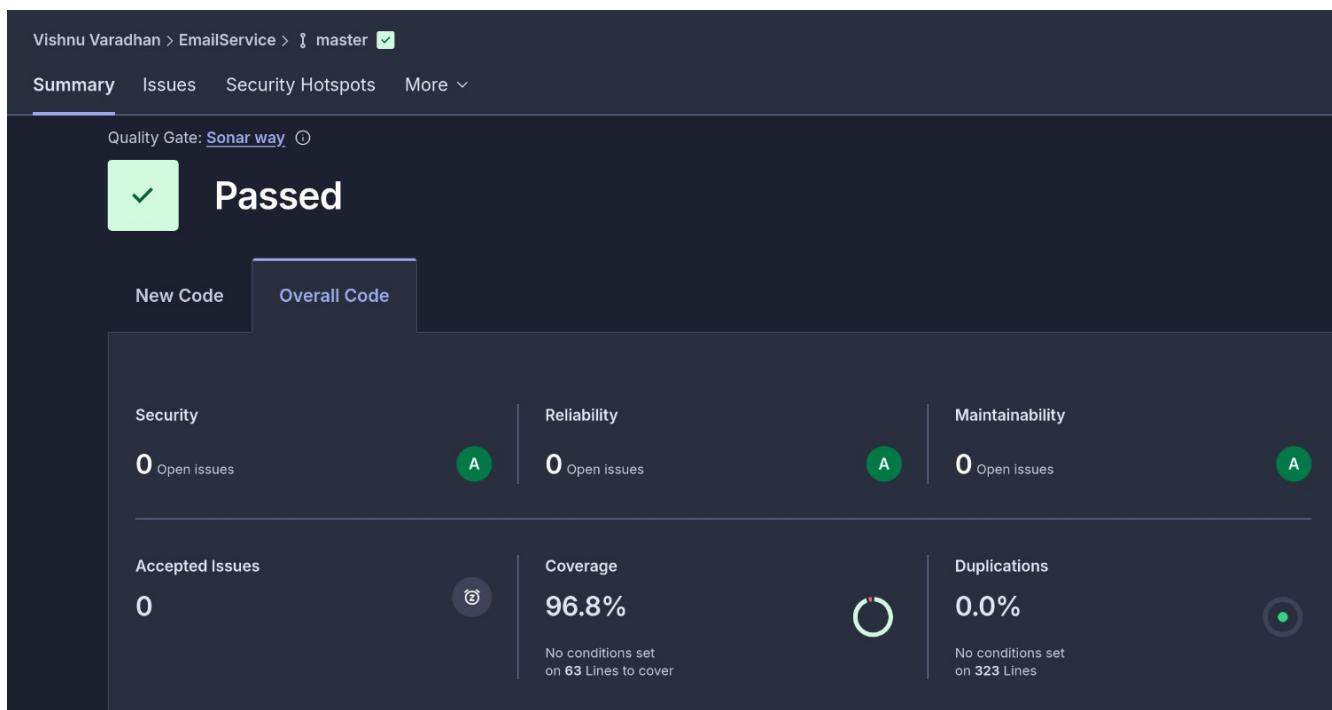
Link: [https://sonarcloud.io/summary/overall?id=vi2hnu-1\\_bookingservice&branch=master](https://sonarcloud.io/summary/overall?id=vi2hnu-1_bookingservice&branch=master)

## Flight Service Report:



Link: [https://sonarcloud.io/summary/overall?id=vi2hnu-1\\_flightservice&branch=master](https://sonarcloud.io/summary/overall?id=vi2hnu-1_flightservice&branch=master)

## Email Service Report:



Link: [https://sonarcloud.io/summary/overall?id=vi2hnu-1\\_emailservice&branch=master](https://sonarcloud.io/summary/overall?id=vi2hnu-1_emailservice&branch=master)

# Jacoco Report:

## FlightService

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<a href="#">org.example.flightservice.controller</a>		82%		n/a	2	11	3	19	2	11	0	3
<a href="#">org.example.flightservice.exception</a>		92%		50%	1	15	2	29	0	14	0	6
<a href="#">org.example.flightservice</a>		37%		n/a	1	2	2	3	1	2	0	1
<a href="#">org.example.flightservice.service.implementation</a>		99%		87%	3	29	0	89	0	17	0	3
<a href="#">org.example.flightservice.dto</a>		100%		100%	0	8	0	15	0	5	0	4
<a href="#">org.example.flightservice.model.enums</a>		100%		n/a	0	2	0	4	0	2	0	2
<a href="#">org.example.flightservice.model.entity</a>		100%		n/a	0	2	0	5	0	2	0	1
Total	26 of 726	96%	4 of 32	87%	7	69	7	164	3	53	0	20



## BookingService

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<a href="#">org.example.bookingservice.exception</a>		55%		0%	3	13	12	26	2	12	0	5
<a href="#">org.example.bookingservice.service.implementation</a>		98%		95%	1	24	1	98	0	13	0	2
<a href="#">org.example.bookingservice</a>		37%		n/a	1	2	2	3	1	2	0	1
<a href="#">org.example.bookingservice.dto</a>		100%		n/a	0	6	0	11	0	6	0	5
<a href="#">org.example.bookingservice.controller</a>		100%		n/a	0	7	0	15	0	7	0	2
<a href="#">org.example.bookingservice.model.enums</a>		100%		n/a	0	3	0	6	0	3	0	3
Total	55 of 722	92%	3 of 24	87%	5	55	15	159	3	43	0	18

## EmailService

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<a href="#">org.example.emailservice</a>		37%		n/a	1	2	2	3	1	2	0	1
<a href="#">org.example.emailservice.service.implementation</a>		100%		n/a	0	5	0	44	0	5	0	1
<a href="#">org.example.emailservice.dto</a>		100%		n/a	0	3	0	3	0	3	0	3
<a href="#">org.example.emailservice.model.enums</a>		100%		n/a	0	2	0	4	0	2	0	2
<a href="#">org.example.emailservice.kafka</a>		100%		n/a	0	4	0	9	0	4	0	1
Total	5 of 270	98%	0 of 0	n/a	1	16	2	63	1	16	0	8

# Eureka Dashboard

 **spring Eureka**

HOME LAST 1000 SINCE STARTUP

### System Status

Environment	test	Current time	2025-12-02T07:55:36 +0530
Data center	default	Uptime	01:32
		Lease expiration enabled	false
		Renews threshold	8
		Renews (last min)	8

EMERGENCY! EUREKA MAY BE INCORRECTLY CLAIMING INSTANCES ARE UP WHEN THEY'RE NOT. RENEWALS ARE LESSER THAN THRESHOLD AND HENCE THE INSTANCES ARE NOT BEING EXPIRED JUST TO BE SAFE.

### DS Replicas

#### Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
APIGATEWAY	n/a (1)	(1)	UP (1) - <a href="#">fedora:ApiGateway:9000</a>
BOOKINGSERVICE	n/a (1)	(1)	UP (1) - <a href="#">fedora:BookingService:8081</a>
EMAILSERVICE	n/a (1)	(1)	UP (1) - <a href="#">fedora&gt;EmailService:8082</a>
FLIGHTSERVICE	n/a (1)	(1)	UP (1) - <a href="#">fedora:FlightService:8080</a>

## Kafka Topics: (subscribed by email service to send real time email notifications)

### Topic: ticket.booked

```
vishnu fedora ➤ ./Chubb Assignments ➤ docker exec -it kafka /opt/kafka/bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic ticket.booked --from-beginning
{"scheduleId":3,"seats":{"seats":["5C","5A"]}} to version 7 or higher. Older versions may use Math.random() in certain
 {"scheduleId":2,"seats":{"seats":["5C","5A"]}} cases. See https://v8.dev/blog/math-random for details.
 {"scheduleId":4,"seats":{"seats":["5C","5A"]}} usages of mkdirp are no longer supported. Please update to mkdirp 1.x. (Note
 {"scheduleId":4,"seats":{"seats":["5C","5A"]}} es in 1.x.)
 {"user": {"id":1,"name":"Vinod Patel","email":"vinod@example.com","gender":"MALE"}, "scheduleDTO": {"id":5,"flightId":5,"fromCityId":1,"toCityId":3,"departureDate": [2025,1,22],"departureTime": [2025,1,15,9,30], "price":4500.5,"seatsAvailable":120,"duration":180}, "returnTripDTO":null, "passengers": [{"name": "Ramesh Kumar", "gender": "MALE", "meal": "VEG", "seatPos": "5C"}, {"name": "Anita Singh", "gender": "FEMALE", "meal": "NONVEG", "seatPos": "5A"}]}
 {"user": {"id":1,"name":"Vinod Patel","email":"vinod@example.com","gender":"MALE"}, "scheduleDTO": {"id":5,"flightId":5,"fromCityId":1,"toCityId":3,"departureDate": [2025,1,22],"departureTime": [2025,1,15,9,30], "price":4500.5,"seatsAvailable":120,"duration":180}, "returnTripDTO":null, "passengers": [{"name": "Ramesh Kumar", "gender": "MALE", "meal": "VEG", "seatPos": "5C"}, {"name": "Anita Singh", "gender": "FEMALE", "meal": "NONVEG", "seatPos": "15A"}]}
```

### Topic: schedule.added

```
vishnu fedora ➤ ./Chubb Assignments ➤ docker exec -it kafka /opt/kafka/bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic schedule.added --from-beginning
 {"id":null,"flightId":1,"fromCityId":4,"toCityId":2,"departureDate": [2026,5,12],"departureTime": [2026,5,12,9,30], "price":4500.5,"seatsAvailable":120,"duration":180}
 {"id":null,"flightId":2,"fromCityId":4,"toCityId":2,"departureDate": [2026,5,12],"departureTime": [2026,5,12,9,30], "price":4500.5,"seatsAvailable":120,"duration":180}
 {"id":null,"flightId":3,"fromCityId":4,"toCityId":2,"departureDate": [2026,5,12],"departureTime": [2026,5,12,9,30], "price":4500.5,"seatsAvailable":120,"duration":180}
```

### Topic: ticket.cancelled

```
vishnu fedora ➤ ./Chubb Assignments ➤ docker exec -it kafka /opt/kafka/bin/kafka-console-consumer.sh --bootstrap-server localhost:9092 --topic ticket.cancelled --from-beginning
 {"scheduleId":4,"seats":{"seats":["5C","5A"]}}
 {"scheduleId":2,"seats":{"seats":["5C","5A"]}}
 {"user": {"id":1,"name":"Vinod Patel","email":"vinod@example.com","gender":"MALE"}, "scheduleDTO": {"id":5,"flightId":5,"fromCityId":1,"toCityId":3,"departureDate": [2025,1,22],"departureTime": [2025,1,15,9,30], "price":4500.5,"seatsAvailable":120,"duration":180}, "returnTripDTO":null, "passengers": [{"name": "Ramesh Kumar", "gender": "MALE", "meal": "VEG", "seatPos": "5C"}, {"name": "Anita Singh", "gender": "FEMALE", "meal": "NONVEG", "seatPos": "15A"}]}
 {"user": {"id":1,"name":"Vinod Patel","email":"vishnuvaradhankr@gmail.com","gender":"MALE"}, "scheduleDTO": {"id":5,"flightId":5,"fromCityId":1,"toCityId":3,"departureDate": [2025,1,22],"departureTime": [2025,1,15,9,30], "price":4500.5,"seatsAvailable":122,"duration":180}, "returnTripDTO":null, "passengers": [{"name": "Ramesh Kumar", "gender": "MALE", "meal": "VEG", "seatPos": "2C"}, {"name": "Anita Singh", "gender": "FEMALE", "meal": "NONVEG", "seatPos": "2A"}]}
 {"user": {"id":1,"name":"Vinod Patel","email":"vishnuvaradhankr@gmail.com","gender":"MALE"}, "scheduleDTO": {"id":4,"flightId":5,"fromCityId":2,"toCityId":4,"departureDate": [2025,1,15],"departureTime": [2025,1,15,14,30], "price":4500.5,"seatsAvailable":122,"duration":180}, "returnTripDTO":null, "passengers": [{"name": "Ramesh Kumar", "gender": "MALE", "meal": "VEG", "seatPos": "2C"}, {"name": "Anita Singh", "gender": "FEMALE", "meal": "NONVEG", "seatPos": "2A"}], "pnr": "PNR17645649919351"}
```

## Postman (Check full request body and response data at the end of this document)

1) <http://localhost:9000/flightservice/api/flight/airline/inventory>

The screenshot shows the Postman interface for a POST request to <http://localhost:9000/flightservice/api/flight/airline/inventory>. The request body is a JSON object with the following structure:

```
1 {  
2   "flightId": 4,  
3   "fromCityId": 4,  
4   "toCityId": 2,  
5   "departureDate": "2026-07-13",  
6   "departureTime": "2026-07-13T09:30:00",  
7   "price": 4500.50,  
8   "seatsAvailable": 120,  
9   "duration": 180  
10 }
```

The response status is 201 Created, and the response body is a detailed JSON object representing the flight record:

```
1 {  
2   "departureDate": "2026-07-13",  
3   "departureTime": "2026-07-13T09:30:00",  
4   "duration": 180,  
5   "flight": {  
6     "airline": {  
7       "airlineName": "Spice Jet",  
8       "id": 3  
9     },  
10    "columns": 6,  
11    "id": 4,  
12    "name": "SJ404",  
13    "rows": 34,  
14    "year": 2025  
15  },  
16   "fromCity": {  
17     "airportCode": "BLR",  
18     "cityName": "Bengaluru",  
19     "id": 4  
20   },  
21   "id": 60017,  
22   "price": 4500.5,  
23   "seatsAvailable": 204,  
24   "toCity": {
```

2) <http://localhost:9000/flightservice/api/flight/search>

HTTP Chubb / Flight Service / **Search Flight**

**POST** <http://localhost:9000/flightservice/api/flight/search>

Docs Params Authorization Headers (9) **Body** Scripts Settings

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL [JSON](#)

```
1 {  
2   "fromCityCode": "BLR",  
3   "toCityCode": "BOM",  
4   "date": "2026-01-22"  
5 }
```

Body Cookies Headers (3) Test Results | [↻](#) 200 OK

{ } JSON ▾ ▶ Preview  Visualize ▾

```
1 [  
2   {  
3     "departureDate": "2026-01-22",  
4     "departureTime": "2026-01-21T09:30:00",  
5     "duration": 180,  
6     "flight": {  
7       "airline": {  
8         "airlineName": "Spice Jet",  
9         "id": 3  
10      },  
11      "columns": 6,  
12      "id": 5,  
13      "name": "SJ505",  
14      "rows": 26,  
15      "year": 2025  
16    },  
17    "fromCity": {  
18      "airportCode": "BLR",  
19      "cityName": "Bengaluru",  
20      "id": 4  
21    },  
22    "id": 10004,  
23    "price": 4500.5,  
24    "seatsAvailable": 120,
```

3) <http://localhost:9000/bookingservice/api/flight/booking/3>

HTTP Chubb / Booking Service / Book ticket

POST <http://localhost:9000/bookingservice/api/flight/booking/3>

Docs Params Authorization Headers (9) Body Scripts Settings

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

```
1  {
2    "user": {
3      "id": 1,
4      "name": "Vinod Patel",
5      "email": "vishnuvaradhankr@gmail.com",
6      "gender": "MALE"
7    },
8    "scheduleId": 8,
9    "returnTripId": null,
10   "passengers": [
11     {
12       "name": "Ramesh Kumar",
13       "gender": "MALE",
14       "meal": "VEG",
15       "seatPos": "2C"
16     },
17     {
18       "name": "Anita Singh",
19       "gender": "FEMALE",
20       "meal": "NONVEG",
21       "seatPos": "2A"
22     }
23   ]
24 }
```

{ } JSON ▾ ▶ Preview 🖼 Visualize | ▾

```
2   "bookedByUsers": {
3     "email": "vishnuvaradhankr@gmail.com",
4     "gender": "MALE",
5     "id": 1,
6     "name": "Vinod Patel"
7   },
8   "id": 20017,
9   "passengers": [
10    {
11      "gender": "MALE",
12      "id": 20032,
13      "mealOption": "VEG",
14      "name": "Ramesh Kumar",
15      "seatPosition": "2C"
16    },
17    {
18      "gender": "FEMALE",
19      "id": 20033,
20      "mealOption": "NONVEG",
21      "name": "Anita Singh",
22      "seatPosition": "2A"
23    }
24  ],
25  "pnr": "PNR17645937139851",
```

4) <http://localhost:9000/bookingservice/api/flight/ticket/PNR17645920003131>

GET <http://localhost:9000/bookingservice/api/flight/ticket/PNR17645920003131>

☰ Docs Params Authorization Headers (7) Body Scripts Settings

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL **Text** ▾

1 Context Add + New Alert AT

Body Cookies Headers (3) Test Results | ⏪ 200 OK

{ } JSON ▾ ▶ Preview ⚡ Visualize ▾

```
1 {
2   "bookedByUsers": {
3     "email": "vishnuvaradhankr@gmail.com",
4     "gender": "MALE",
5     "id": 1,
6     "name": "Vinod Patel"
7   },
8   "id": 20013,
9   "passengers": [
10    {
11      "gender": "MALE",
12      "id": 20024,
13      "mealOption": "VEG",
14      "name": "Ramesh Kumar",
15      "seatPosition": "2C"
16    },
17    {
18      "gender": "FEMALE",
19      "id": 20025,
20      "mealOption": "NONVEG",
21      "name": "Anita Singh"
22    }
23  ]
24}
```

5) <http://localhost:9000/bookingservice/api/flight/booking/history/vishnuvaradhankr@gmail.com>

HTTP Chubb / Booking Service / Get details using email

GET http://localhost:9000/bookingservice/api/flight/booking/history/vishnuvaradhankr@gmail.com

☰ Docs Params Authorization Headers (7) Body Scripts Settings

(none) form-data x-www-form-urlencoded raw binary GraphQL Text

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

Body Cookies Headers (4) Test Results

200 OK

{ } JSON ▶ Preview Visualize

```
1 [  
2 {  
3     "bookedByUsers": {  
4         "email": "vishnuvaradhankr@gmail.com",  
5         "gender": "MALE",  
6         "id": 1,  
7         "name": "Vinod Patel"  
8     },  
9     "id": 2,  
10    "passengers": [  
11        {  
12            "gender": "MALE",  
13            "id": 1,  
14            "mealOption": null,  
15            "name": "Ramesh Kumar",  
16            "seatPosition": "4A"  
17        },  
18        {  
19            "gender": "FEMALE",  
20            "id": 2,  
21            "mealOption": "NONVEG"
```

6) <http://localhost:9000/bookingservice/api/flight/booking/cancel/PNR17645214757551>

HTTP Chubb / Booking Service / Cancel a ticket

---

**DELETE** ▾ http://localhost:9000/bookingservice/api/flight/booking/cancel/PNR17645214757551

---

☰ Docs Params Authorization Headers (7) Body Scripts Settings

Body Cookies Headers (1) Test Results | ⏱ 204 No Content • 19 ms

---

Raw ▾ ▷ Preview ⚡ Visualize ▾

1 |

A screenshot of the Postman application interface. At the top, there's a header bar with the text "HTTP Chubb / Booking Service / Cancel a ticket". Below it is a search bar containing the URL "http://localhost:9000/bookingservice/api/flight/booking/cancel/PNR17645214757551". The main area shows a "DELETE" method selected. There are tabs for "Docs", "Params", "Authorization", "Headers (7)", "Body", "Scripts", and "Settings". The "Headers" tab is active, showing one entry. Below the tabs, there are buttons for "Raw", "Preview", and "Visualize". On the right side, the status is shown as "204 No Content" with a timestamp of "19 ms". At the bottom, there's a text input field with the number "1" followed by a cursor.

## **API Request body and example response:**

1) <http://localhost:9000/flightservice/api/flight/airline/inventory> (add flight)

Request:

```
{  
  "flightId": 5,  
  "fromCityId": 4,  
  "toCityId": 2,  
  "departureDate": "2026-07-18",  
  "departureTime": "2026-07-18T09:30:00",  
  "price": 4500.50,  
  "seatsAvailable": 120,  
  "duration": 180  
}
```

Response:

```
{  
  "departureDate": "2026-07-19",  
  "departureTime": "2026-07-19T09:30:00",  
  "duration": 180,  
  "flight": {  
    "airline": {  
      "airlineName": "Spice Jet",  
      "id": 3  
    },  
    "columns": 6,  
    "id": 5,  
    "name": "SJ505",  
    "rows": 26,  
    "year": 2025  
  },  
  "fromCity": {  
    "airportCode": "BLR",  
    "cityName": "Bengaluru",  
    "id": 4  
  },  
  "id": 70015,  
  "price": 4500.5,  
  "seatsAvailable": 156,  
  "toCity": {  
    "airportCode": "BOM",  
    "cityName": "Mumbai",  
    "id": 2  
  }  
}
```

2) <http://localhost:9000/flightservice/api/flight/search> (Search for flight)

Request:

```
{  
  "fromCityCode": "BLR",  
  "toCityCode": "BOM",  
  "date": "2026-01-22"  
}
```

Response:

```
[  
  {  
    "departureDate": "2026-01-22",  
    "departureTime": "2026-01-21T09:30:00",  
    "duration": 180,  
    "flight": {  
      "airline": {  
        "airlineName": "Spice Jet",  
        "id": 3  
      },  
      "columns": 6,  
      "id": 5,  
      "name": "SJ505",  
      "rows": 26,  
      "year": 2025  
    },  
    "fromCity": {  
      "airportCode": "BLR",  
      "cityName": "Bengaluru",  
      "id": 4  
    },  
    "id": 10004,  
    "price": 4500.5,  
    "seatsAvailable": 120,  
    "toCity": {  
      "airportCode": "BOM",  
      "cityName": "Mumbai",  
      "id": 2  
    }  
  }  
]
```

3) <http://localhost:9000/bookingservice/api/flight/booking/3> (book ticket)

Request:

```
{  
  "user": {  
    "id": 1,  
    "name": "Vinod Patel",  
    "email": "vishnuvaradhankr@gmail.com",  
    "gender": "MALE"  
  },  
  "scheduleId": 10,  
  "returnTripId": null,  
  "passengers": [  
    {  
      "name": "Ramesh Kumar",  
      "gender": "MALE",  
      "meal": "VEG",  
      "seatPos": "13C"  
    }  
  ]  
}
```

Response:

```
{  
  "bookedByUsers": {  
    "email": "vishnuvaradhankr@gmail.com",  
    "gender": "MALE",  
    "id": 1,  
    "name": "Vinod Patel"  
  },  
  "id": 30023,  
  "passengers": [  
    {  
      "gender": "MALE",  
      "id": 30004,  
      "mealOption": "VEG",  
      "name": "Ramesh Kumar",  
      "seatPosition": "13C"  
    }  
  ],  
  "pnr": "PNR17646382318681",  
  "returnTripScheduleId": null,  
  "scheduleId": 10,  
  "status": "BOOKED"  
}
```

4) <http://localhost:9000/bookingservice/api/flight/ticket/PNR17645920003131> (search using pnr)

Response:

```
{  
  "bookedByUsers": {  
    "email": "vishnuvaradhankr@gmail.com",  
    "gender": "MALE",  
    "id": 1,  
    "name": "Vinod Patel"  
  },  
  "id": 30023,  
  "passengers": [  
    {  
      "gender": "MALE",  
      "id": 30004,  
      "mealOption": "VEG",  
      "name": "Ramesh Kumar",  
      "seatPosition": "13C"  
    }  
  ],  
  "pnr": "PNR17646382318681",  
  "returnTripScheduleId": null,  
  "scheduleId": 10,  
  "status": "BOOKED"  
}
```

5)

<http://localhost:9000/bookingservice/api/flight/booking/history/vishnuvaradhankr@gmail.com>  
( Search history using email)

Response:

```
[{
  "bookedByUsers": {
    "email": "vishnuvaradhankr@gmail.com",
    "gender": "MALE",
    "id": 1,
    "name": "Vinod Patel",
    "id": 2,
    "passengers": [
      {"gender": "FEMALE",
       "id": 2,
       "mealOption": "NONVEG",
       "name": "Anita Singh",
       "seatPosition": "5B"
     }
    ],
    "pnr": "PNR17643280656201",
    "returnTripScheduleId": null,
    "scheduleId": 1,
    "status": "CANCELED"
  },
  {
    "bookedByUsers": {
      "email": "vishnuvaradhankr@gmail.com",
      "gender": "MALE",
      "id": 1,
      "name": "Vinod Patel"
    },
    "id": 4,
    "passengers": [
      {
        "gender": "MALE",
        "id": 3,
        "mealOption": null,
        "name": "Ramesh Kumar",
        "seatPosition": null
      }
    ],
    "pnr": "PNR17643286947351",
    "returnTripScheduleId": null,
    "scheduleId": 2,
    "status": "BOOKED"
  }
}]
```

6) <http://localhost:9000/bookingservice/api/flight/booking/cancel/PNR17646373940441>  
(cancellation of ticket)

Response: 204 No content