Eureka Server (service-registry):

Instances currently registered with Eureka

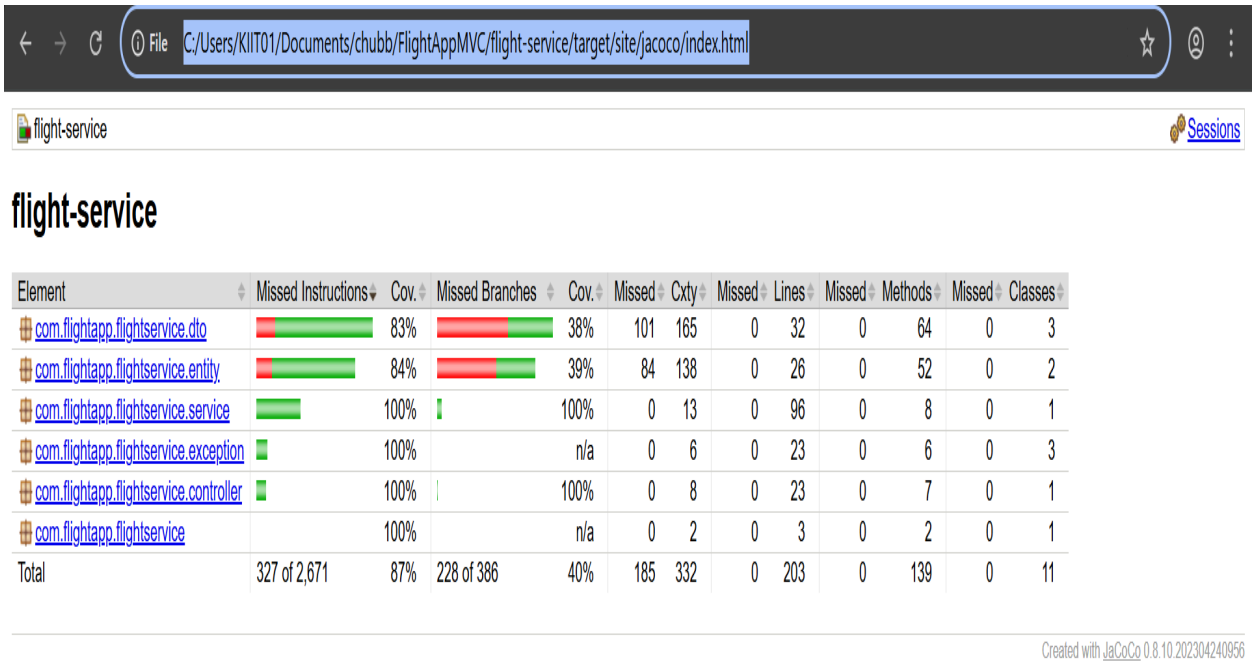
Application	AMIs	Availability Zones	Status
API-GATEWAY	n/a (1)	(1)	UP (1) - KIIT01.mshome.net:api-gateway:8081
BOOKING-SERVICE	n/a (1)	(1)	UP (1) - KIIT01.mshome.net:booking-service:8082
FLIGHT-SERVICE	n/a (1)	(1)	UP (1) - KIIT01.mshome.net:flight-service:8083

General Info

Name	Value
total-avail-memory	90mb
num-of-cpus	8
current-memory-usage	53mb (58%)
server-uptime	01:07
registered-replicas	http://localhost:8761/eureka/
unavailable-replicas	http://localhost:8761/eureka/,

JACOCO-REPORTS:

Flight-service(87%)



Booking-service:

booking-service

Sessions

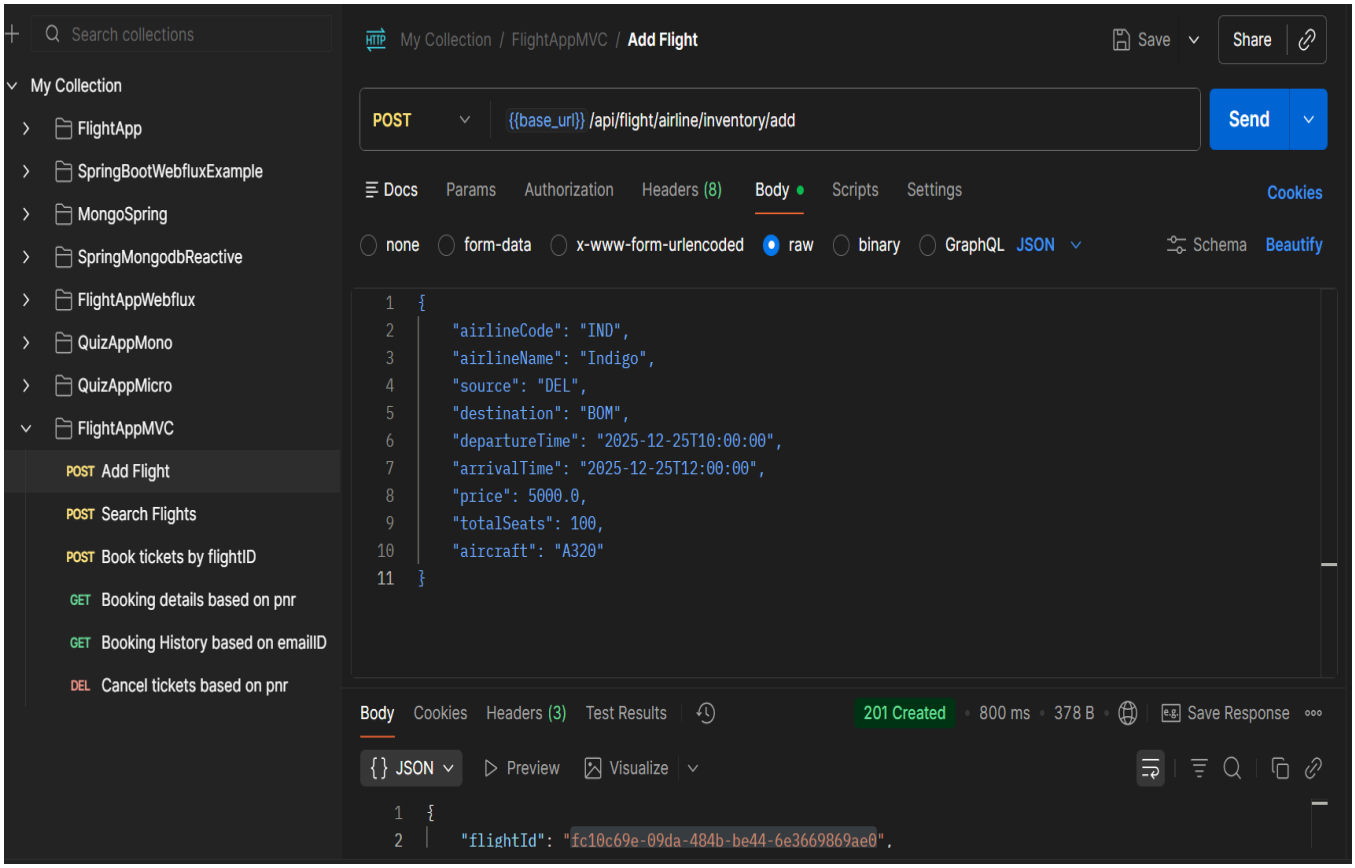
booking-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.flightapp.bookingservice.exception		31%		0%	41	51	7	26	17	27	0	5
com.flightapp.bookingservice.dto		80%		41%	106	165	0	32	11	64	0	3
com.flightapp.bookingservice.entity		82%		41%	74	120	1	23	4	46	0	2
com.flightapp.bookingservice.feign		78%		40%	48	69	0	13	7	26	0	1
com.flightapp.bookingservice.messaging		80%		43%	35	64	2	27	2	28	0	3
com.flightapp.bookingservice.service		94%		78%	4	21	4	108	1	14	0	2
com.flightapp.bookingservice.controller		88%		100%	0	8	3	25	0	6	0	1
com.flightapp.bookingservice.config		100%		n/a	0	7	0	7	0	7	0	2
com.flightapp.bookingservice		100%		n/a	0	2	0	3	0	2	0	1
Total	838 of 3,796	77%	348 of 574	39%	308	507	17	264	42	220	0	20

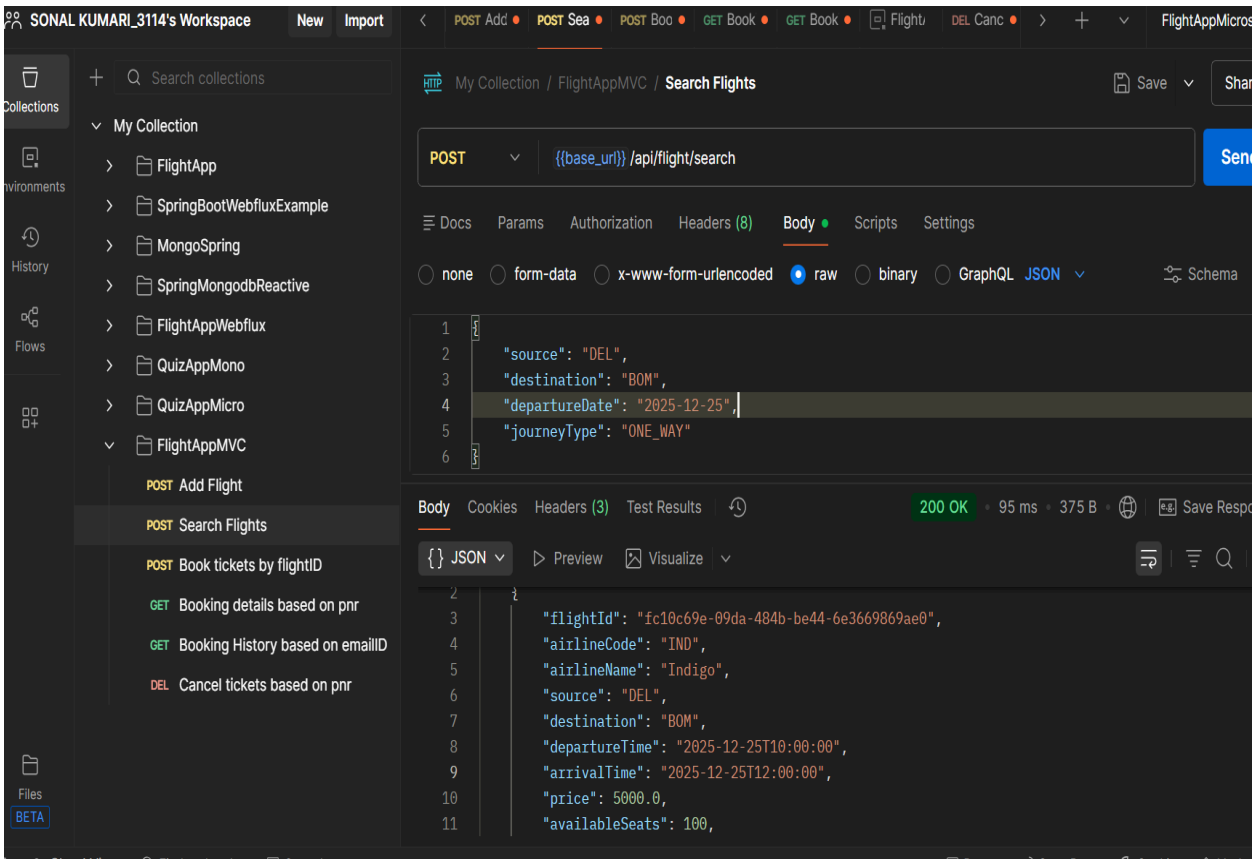
Created with JaCoCo 0.8.10.20230424095

Postman Screenshots:

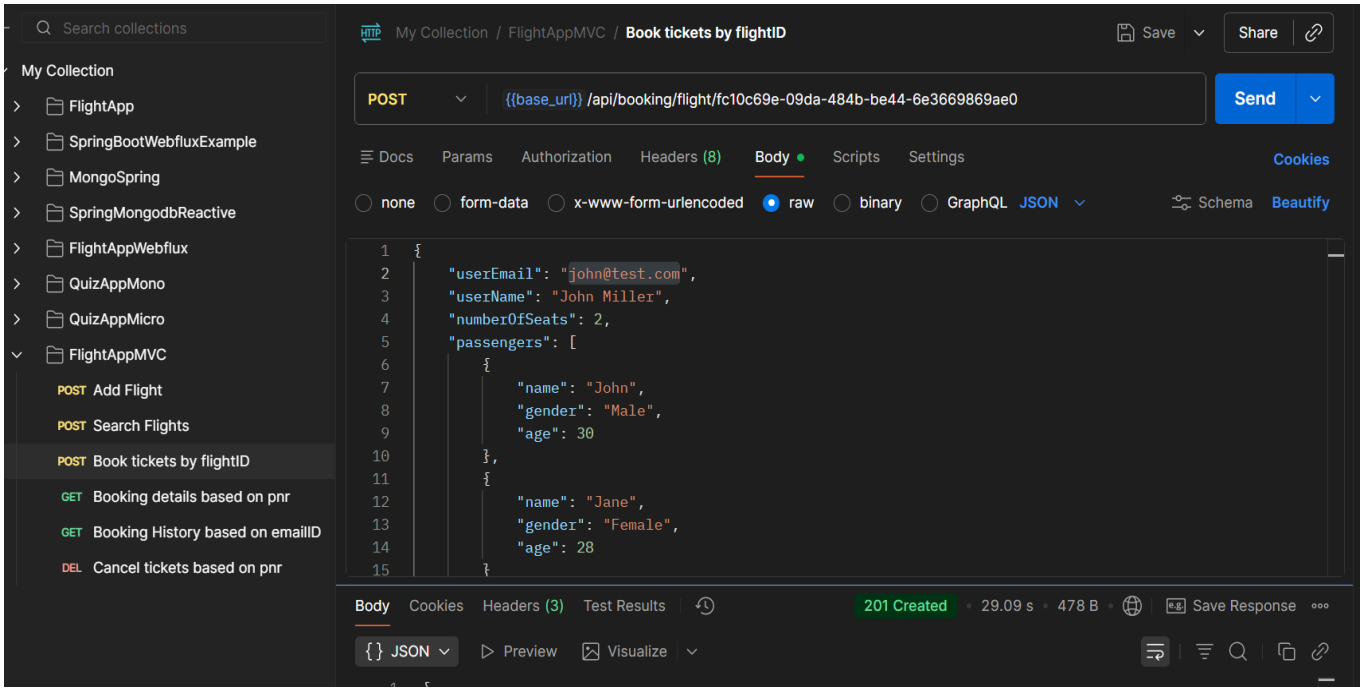
1. Adding Inventory

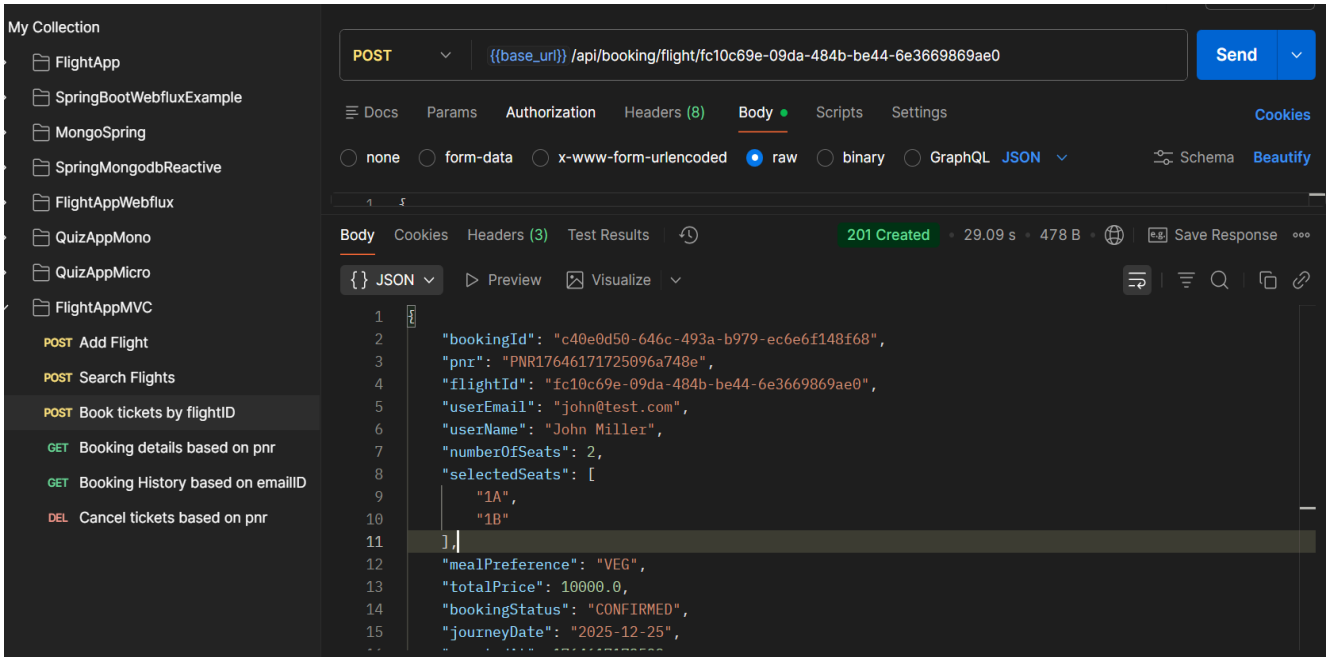


2. Searching Flights:

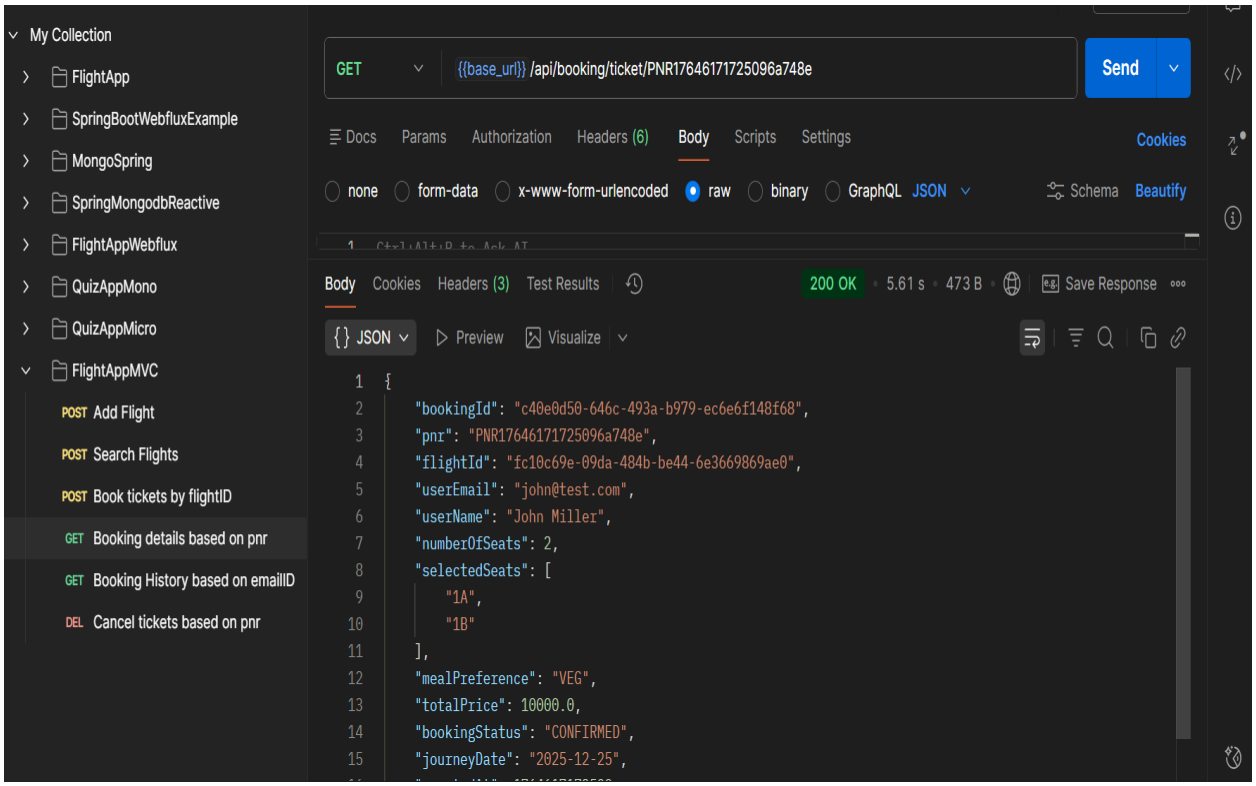


3. Book tickets by providing flight ID:

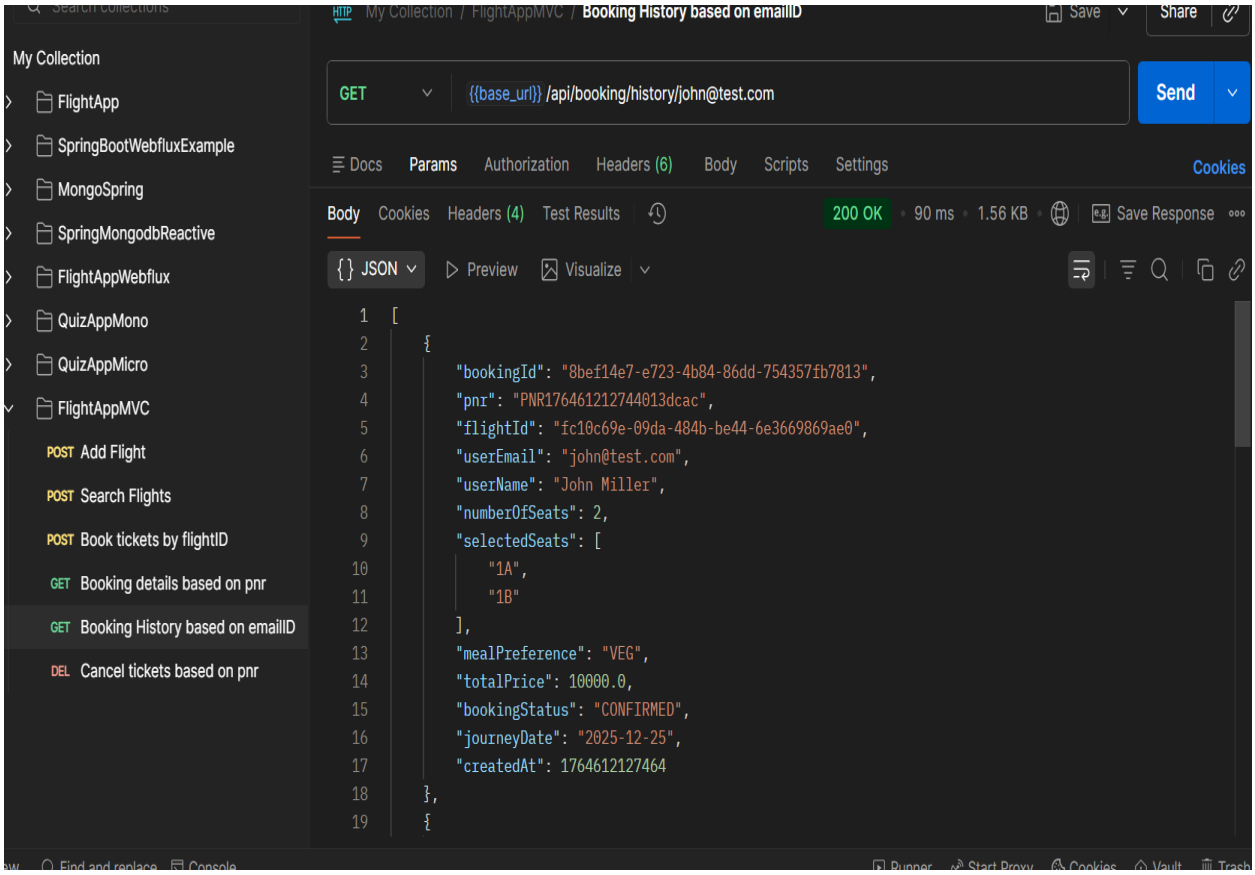




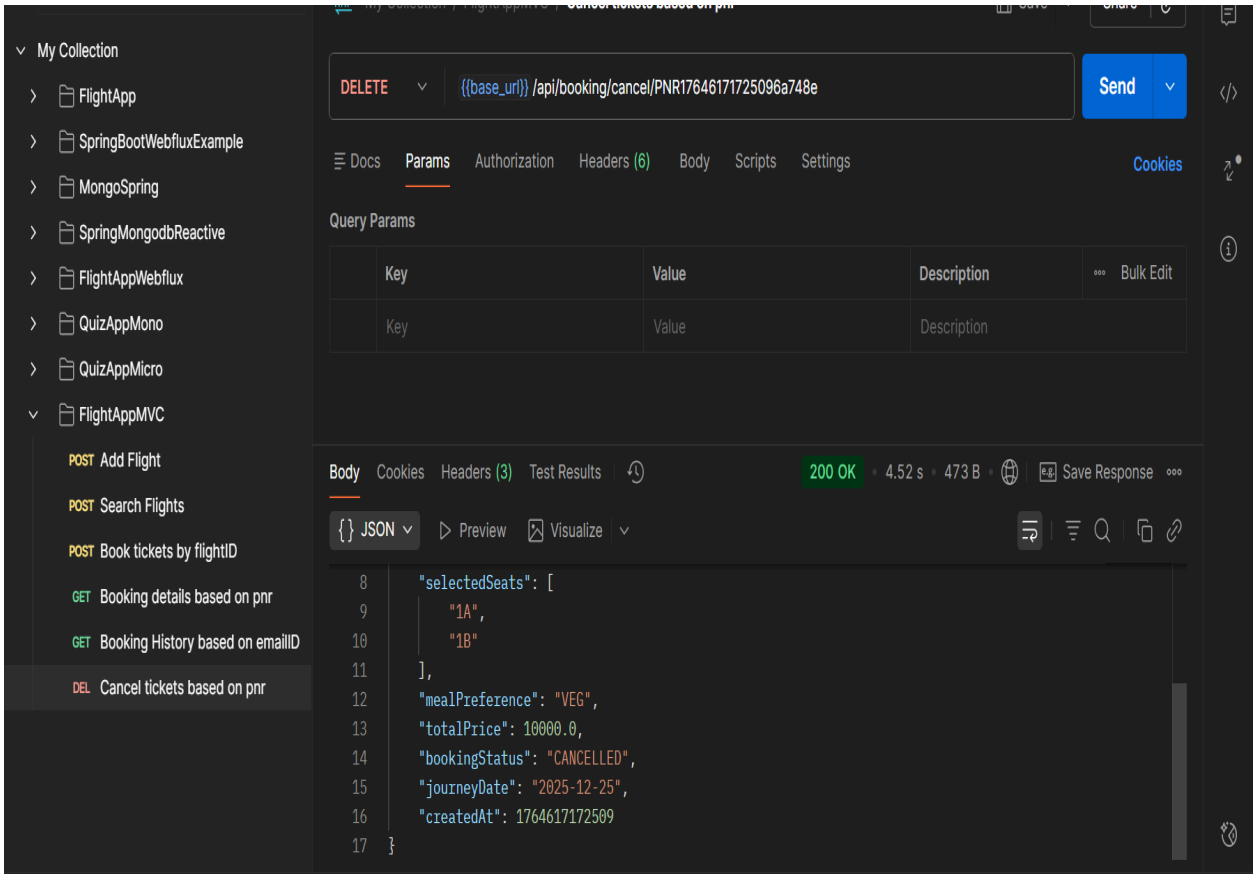
4. GET Booking details based on PNR:



5. Booking history based on emailID

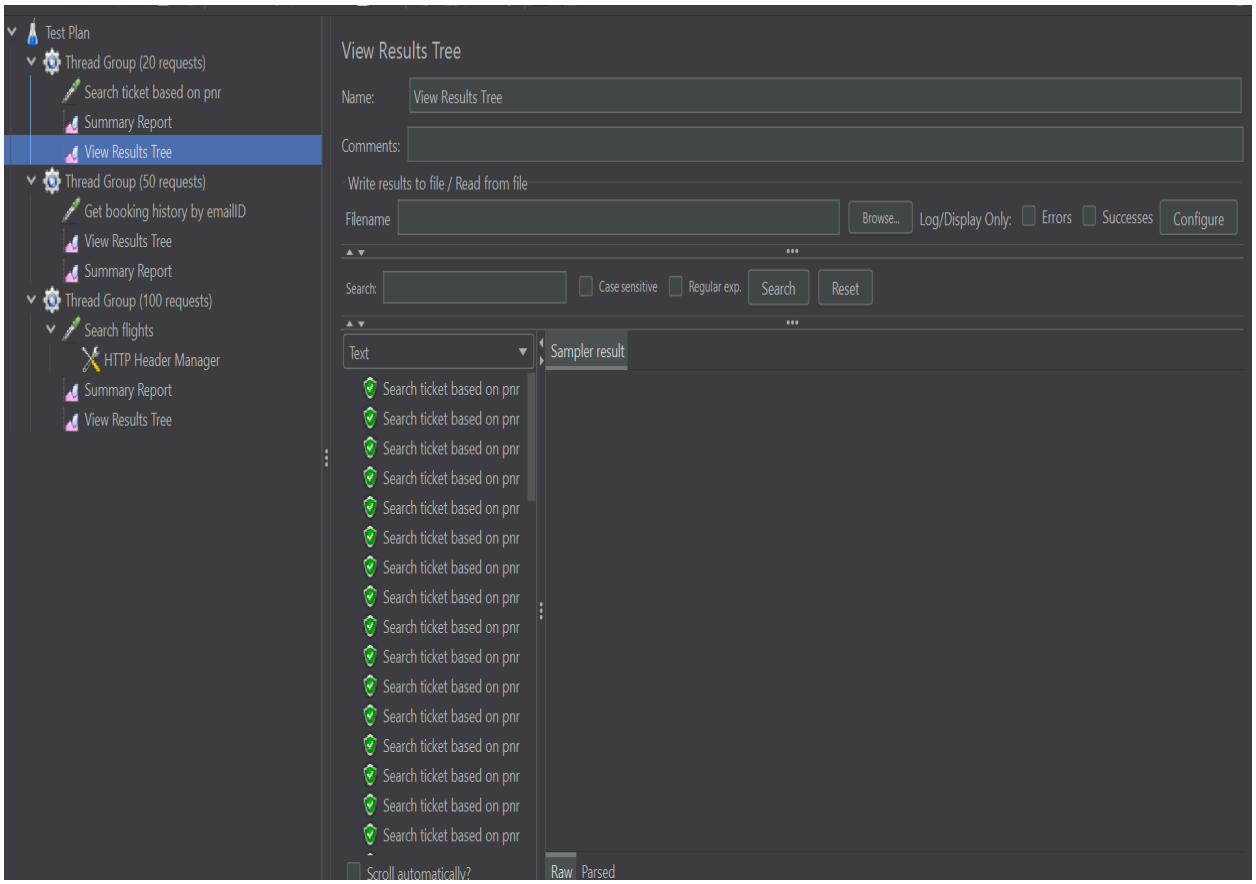


6. Cancel ticket by giving pnr:

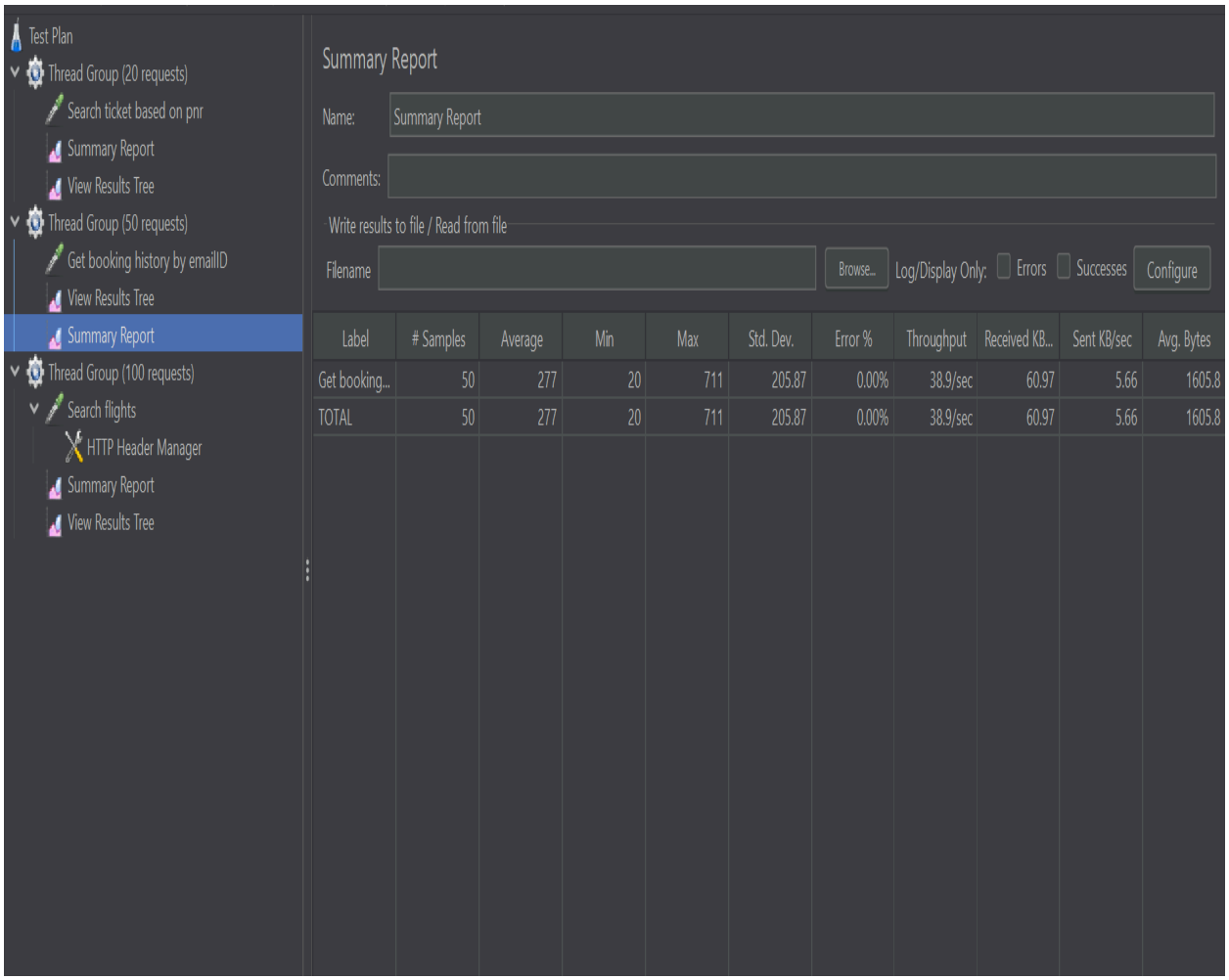
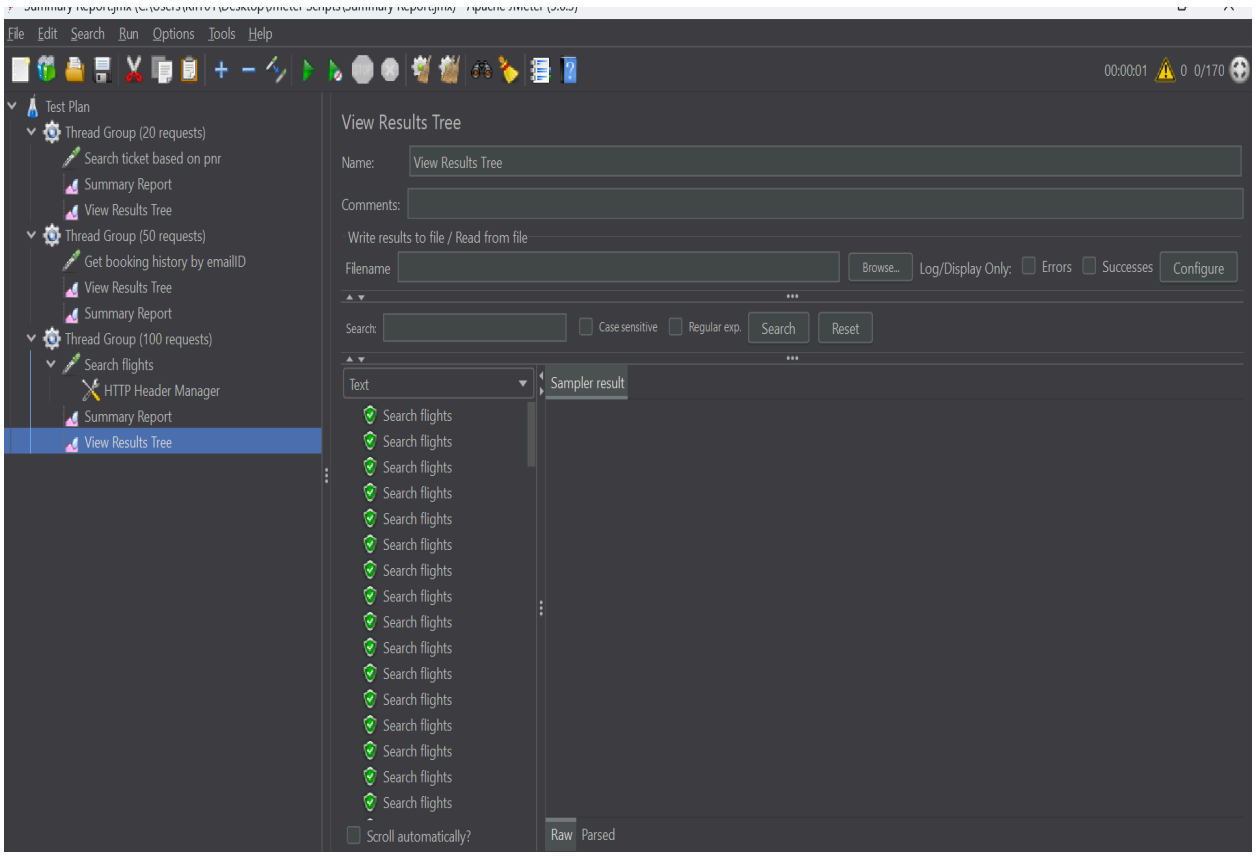
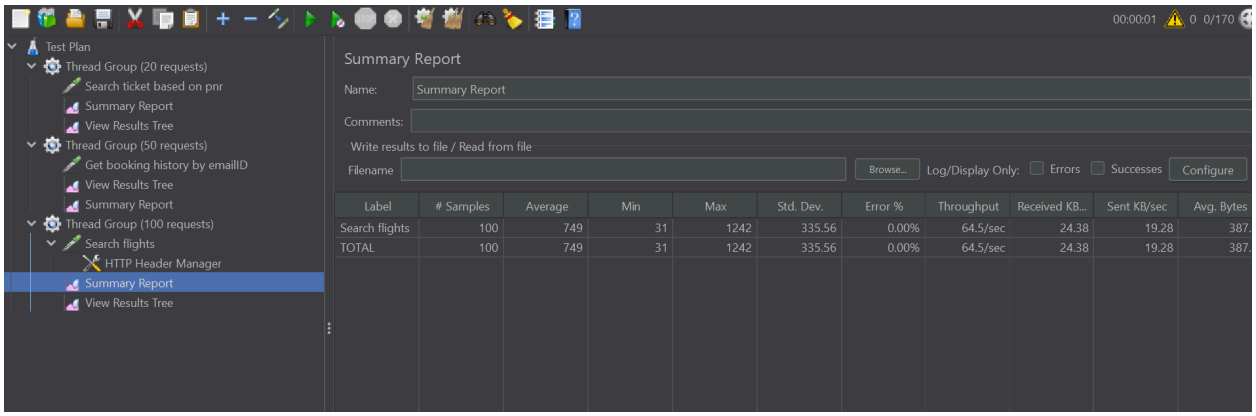


JMETER TESTING:

20 requests:



50 requests:


Test Plan
Thread Group (20 requests)
Search ticket based on pnr
Summary Report
View Results Tree
Thread Group (50 requests)
Get booking history by emailID
View Results Tree
Summary Report
Thread Group (100 requests)
Search flights
HTTP Header Manager
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 KB... Sent KB/sec Avg. Bytes
Get booking... 50 277 20 711 205.87 0.00% 38.9/sec 60.97 5.66 1605.8
TOTAL 50 277 20 711 205.87 0.00% 38.9/sec 60.97 5.66 1605.8

100 requests: