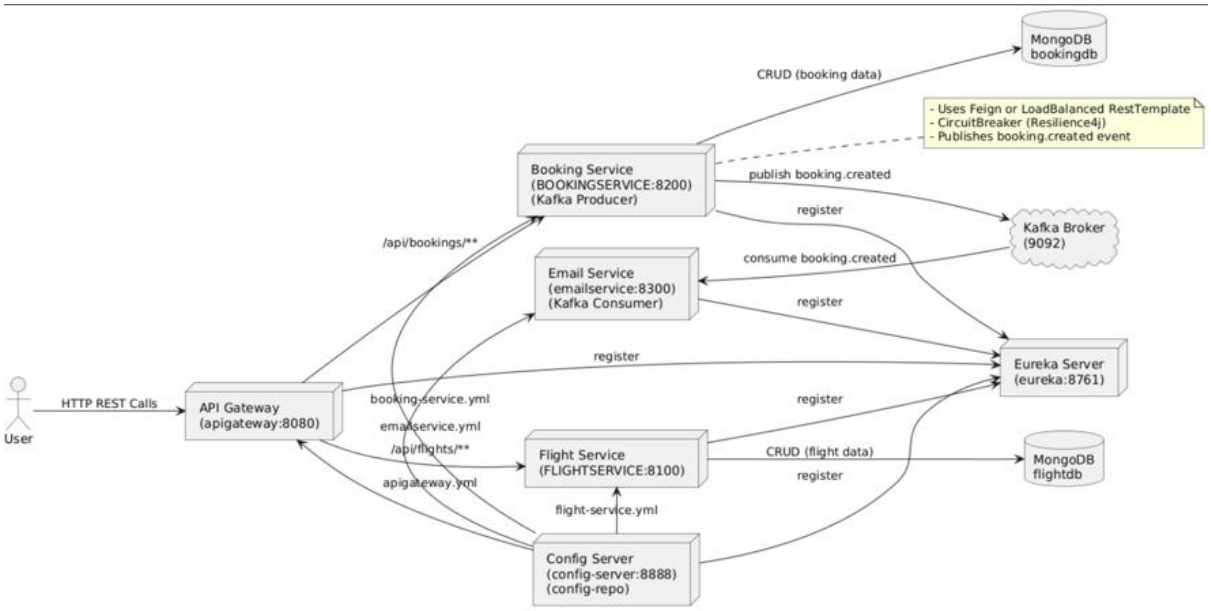
Architecture Diagram



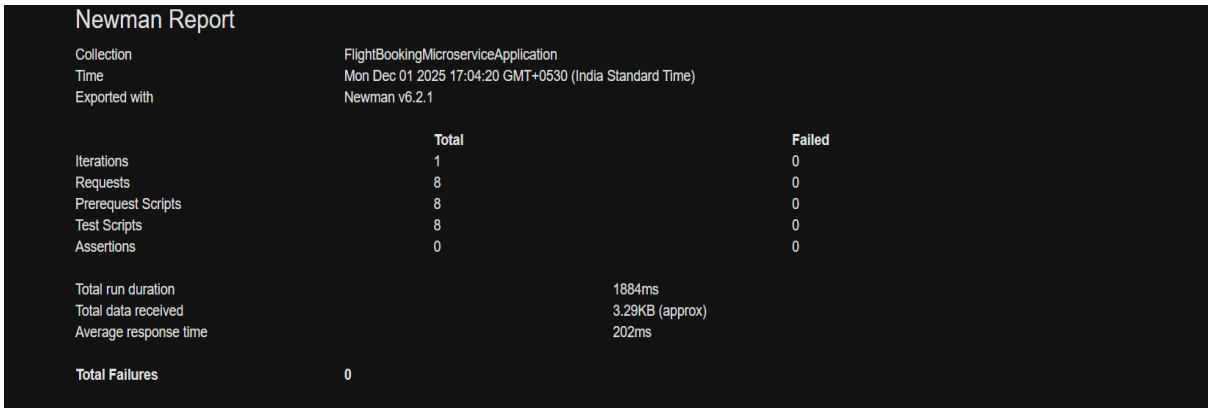
Eureka-server-UI

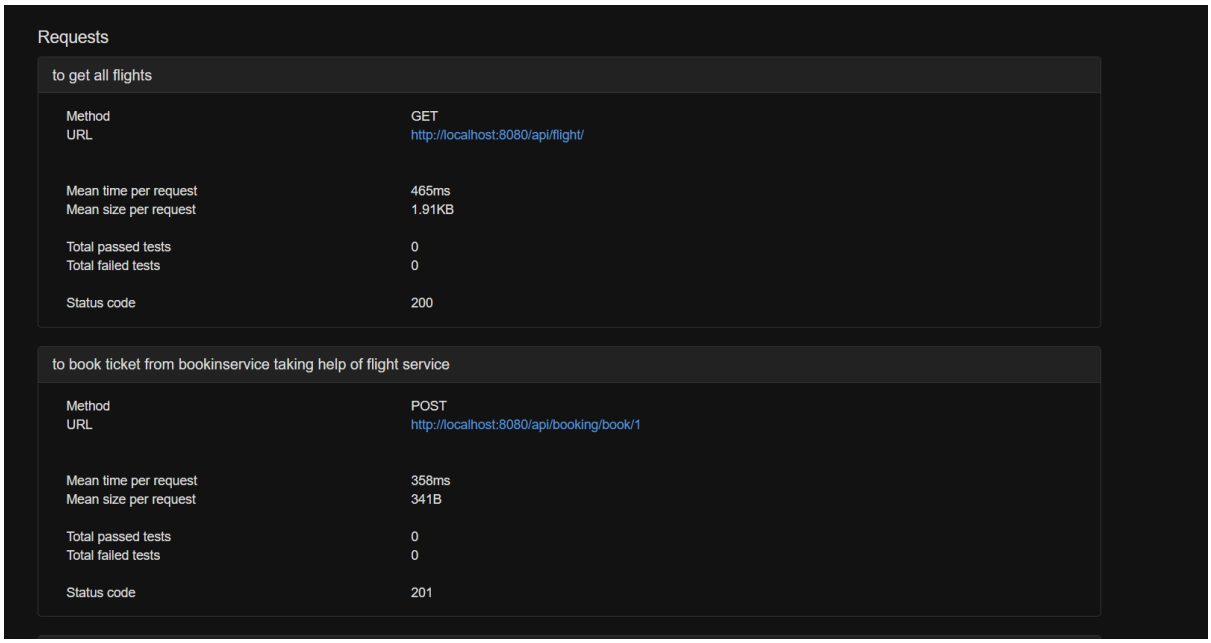
Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
BOOKINGSERVICE	n/a (1)	(1)	UP (1) - chandu:apigateway:8200
APIGATEWAY	n/a (1)	(1)	UP (1) - chandu:apigateway:8080
CONFIG-SERVER	n/a (1)	(1)	UP (1) - chandu:config-server:8888
FLIGHTSERVICE	n/a (1)	(1)	UP (1) - chandu:flightservice:8100
EMAILSERVICE	n/a (1)	(1)	UP (1) - chandu:flightservice:8300

DOCKER-CONTAINERS FOR KAFKA

New-Man Report





to search flights by details

Method	POST
URL	http://localhost:8080/api/booking/getFlights
Mean time per request	66ms
Mean size per request	291B
Total passed tests	0
Total failed tests	0
Status code	200

to get ticket by pnr

Method	GET
URL	http://localhost:8080/api/booking/getByPnr/PNR20251130G9YA
Mean time per request	69ms
Mean size per request	341B
Total passed tests	0
Total failed tests	0
Status code	200

to delete by pnr

Method	DELETE
URL	http://localhost:8080/api/booking/delete/PNR20251130G9YA
Mean time per request	47ms
Mean size per request	105B
Total passed tests	0
Total failed tests	0
Status code	200

JACOCO REPORTS

flightservice

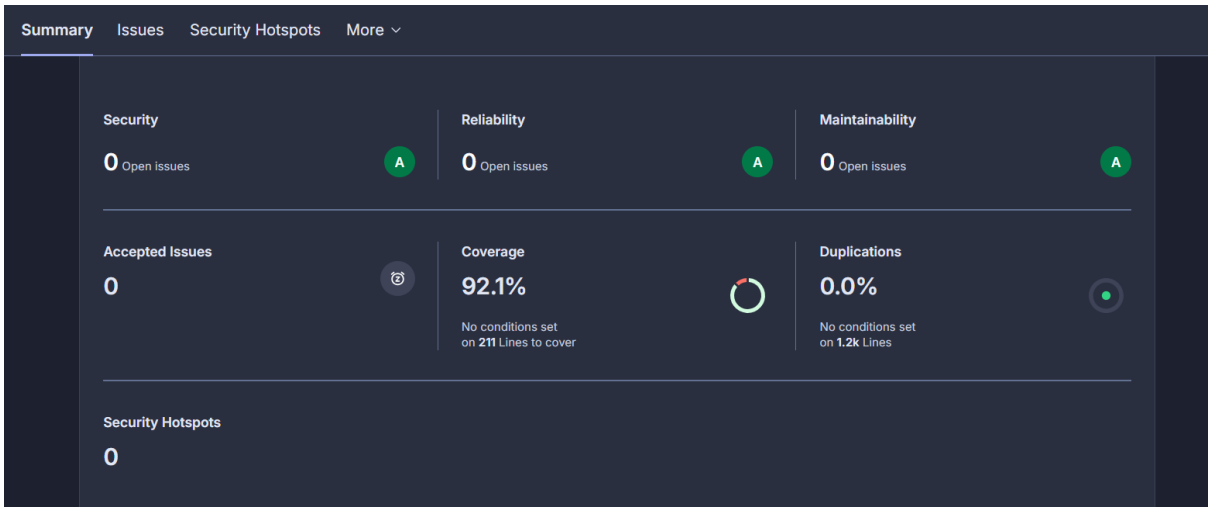
Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.flightservice.entity		57%		n/a	25	48	12	20	25	48	0	4
com.flightservice.dto		68%		n/a	15	45	4	19	15	45	0	4
com.flightservice		47%		n/a	1	2	2	3	1	2	0	1
com.flightservice.services		100%		100%	0	10	0	40	0	9	0	1
com.flightservice.controllers		100%		100%	0	9	0	14	0	6	0	1
Total	197 of 756	91%	0 of 8	100%	41	114	18	96	41	110	0	11

bookingservice

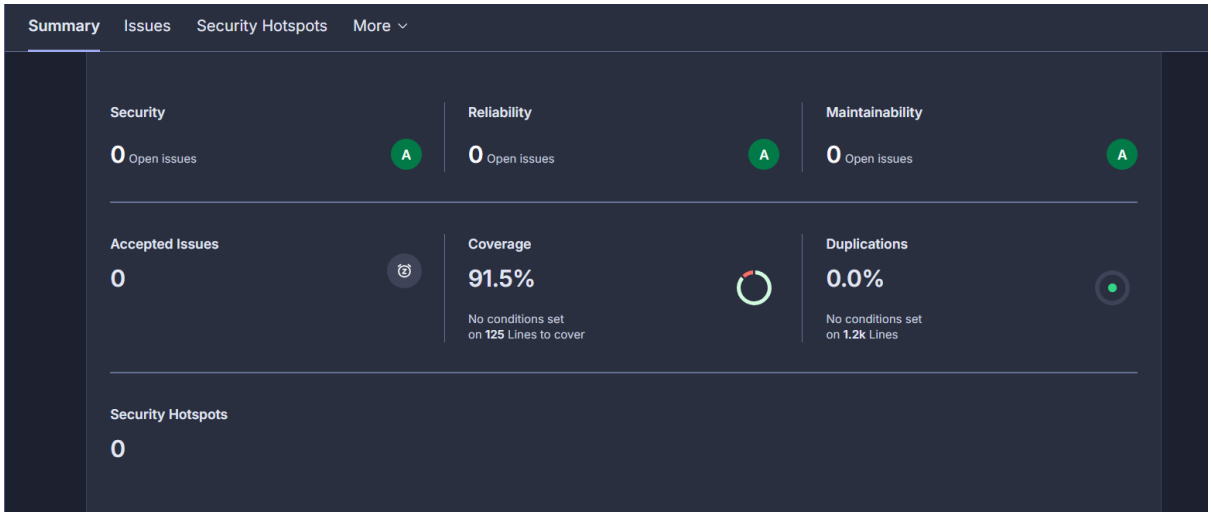
Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.bookingservice		22%		n/a	2	4	5	7	2	4	0	2
com.bookingservice.kafka		0%		n/a	1	1	2	2	1	1	1	1
com.bookingservice.services		100%		100%	0	9	0	54	0	8	0	1
com.bookingservice.config		100%		n/a	0	3	0	7	0	3	0	1
com.bookingservice.controller		100%		n/a	0	4	0	5	0	4	0	1
Total	28 of 275	89%	0 of 2	100%	3	21	7	75	3	20	1	6

SONARQUBE

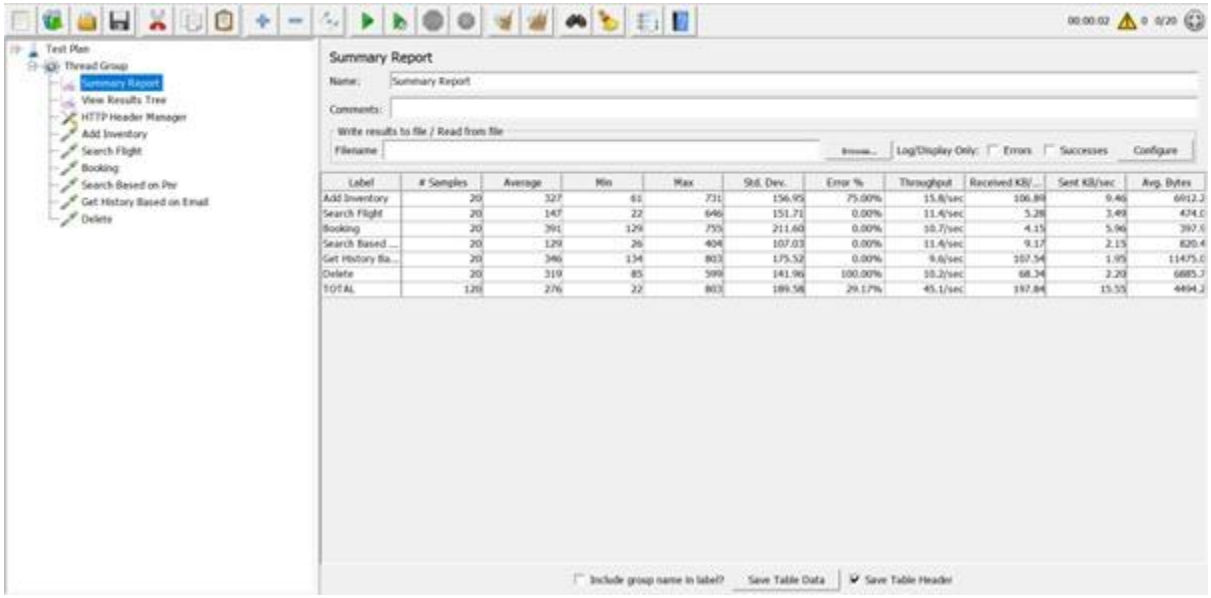
flightservice

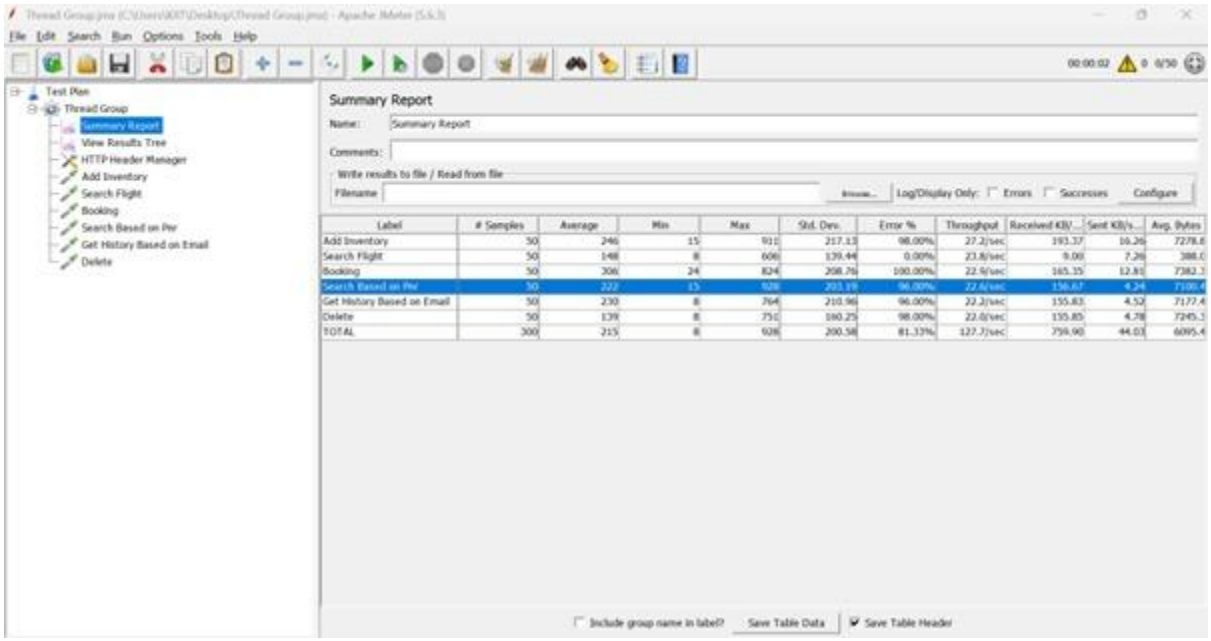


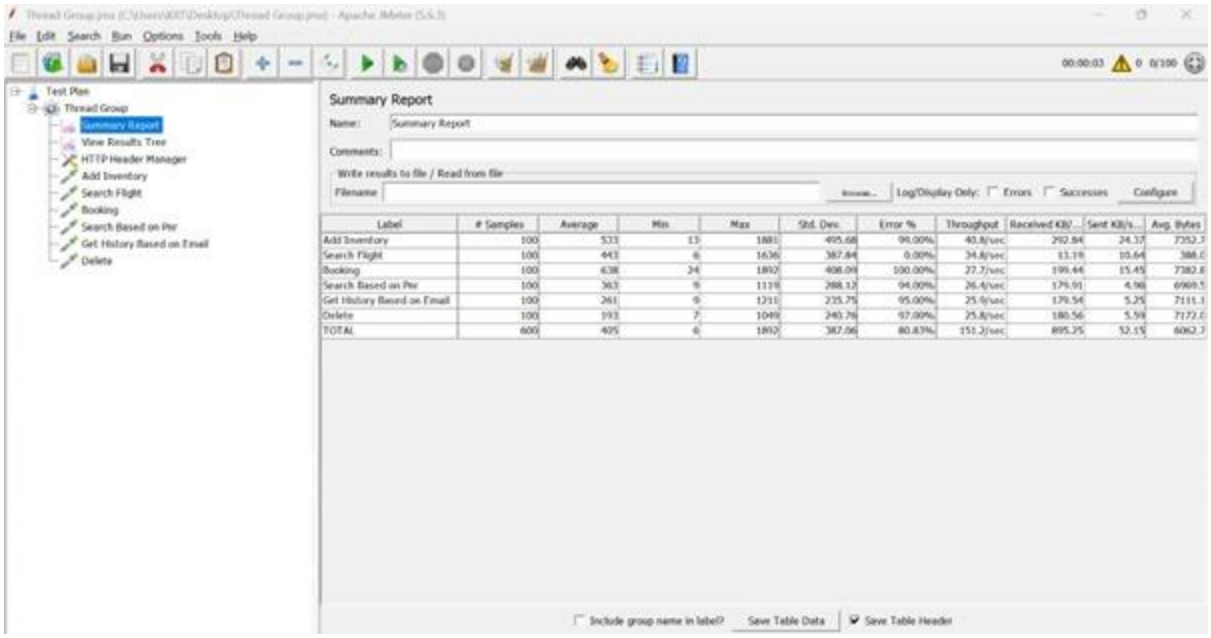
Bookingservice



J-METER TESTING SCREENSHOTS






Thread Group.jmx (C:\Users\KRT\Desktop\Thread Group.jmx) - Apache JMeter (5.6.3)
File Edit Search Run Options Tools Help
00:00:03 0 0/100
Test Plan
Thread Group
Summary Report
View Results Tree
HTTP Header Manager
Add Inventory
Search Flight
Booking
Search Based on Pnr
Get History Based on Email
Delete
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/s... Avg. Bytes
Add Inventory 100 533 13 1881 495.68 99.00% 40.8/sec 292.84 24.37 7352.7
Search Flight 100 443 6 1636 387.84 0.00% 34.8/sec 13.19 10.64 388.0
Booking 100 638 24 1892 408.09 100.00% 27.7/sec 199.44 15.45 7382.8
Search Based on Pnr 100 363 9 1119 288.12 94.00% 26.4/sec 179.91 4.98 6969.5
Get History Based on Email 100 261 9 1211 235.75 95.00% 25.9/sec 179.54 5.25 7111.1
Delete 100 193 7 1049 240.76 97.00% 25.8/sec 180.56 5.59 7172.0
TOTAL 600 405 6 1892 387.06 80.83% 151.2/sec 895.35 52.15 6062.7
Include group name in label?
Save Table Data
Save Table Header