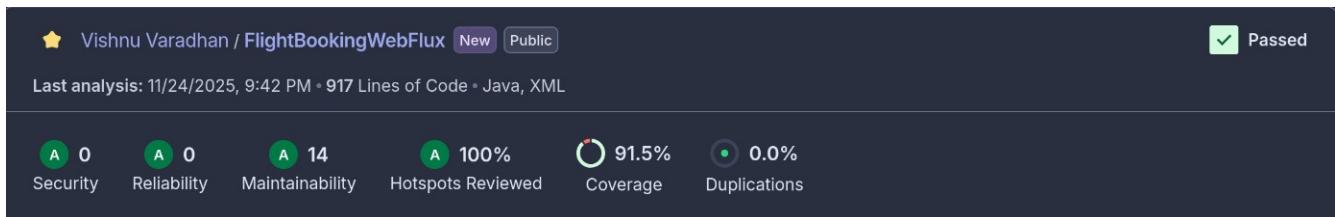
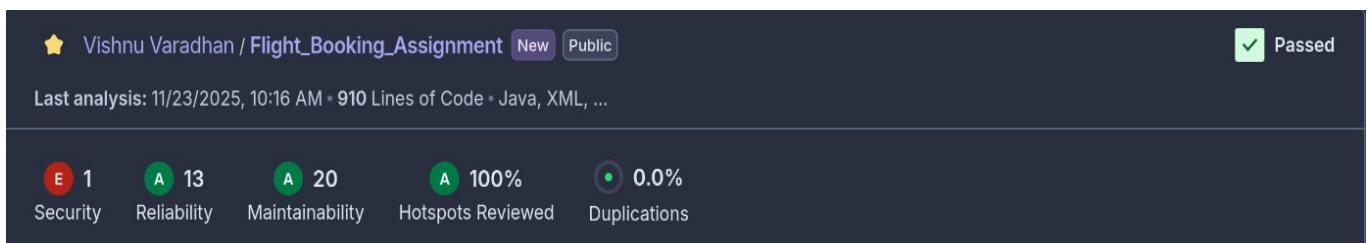


Flight Booking Application Performance Report

SonarQube Report for CURRENT PROJECT (22.11.2025):



SonarQube Report for PREVIOUS PROJECT(15.11.2025):

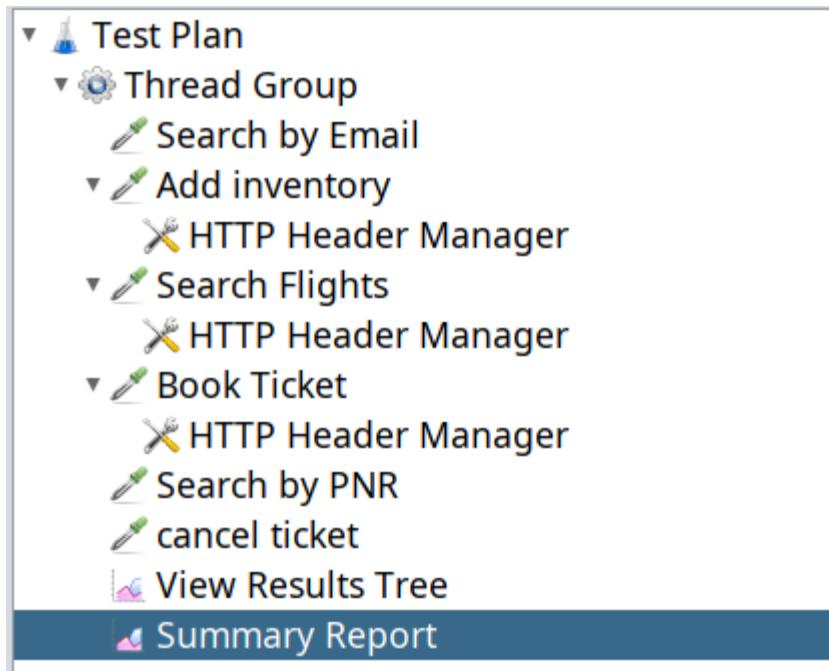


JaCoCo Report:

FlightBookingWebFlux

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
org.example.flightapp.exception	33%	n/a	10	19	12	29	10	19	0	9	0	9
org.example.flightapp.controller	82%	n/a	3	16	5	29	3	16	0	4	0	4
org.example.flightapp	37%	n/a	1	2	2	3	1	2	0	1	0	1
org.example.flightapp.service.implementation	99%	83%	2	41	0	140	0	35	0	4	0	4
org.example.flightapp.DTO	100%	n/a	0	4	0	4	0	4	0	4	0	4
org.example.flightapp.model.entity	100%	n/a	0	3	0	20	0	3	0	3	0	3
org.example.flightapp.model.enums	100%	n/a	0	3	0	10	0	3	0	3	0	3
Total	92 of 974	90%	2 of 12	83%	16	88	19	235	14	82	0	28

Jmeter Testing:



1) 20 request

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Add inventory	20	5	4	10	1.35	95.00%	4.2/sec	0.62	1.82	151.2
Book Ticket	20	9	8	11	0.77	0.00%	4.2/sec	2.95	2.36	717.0
cancel ticket	20	8	5	45	8.50	0.00%	4.2/sec	0.11	1.01	27.0
Search by E...	20	4	3	6	0.85	0.00%	4.2/sec	46.04	0.70	11207.0
Search by PNR	20	2	2	3	0.50	0.00%	4.2/sec	2.93	0.63	711.0
Search Flights	20	4	3	12	2.15	0.00%	4.2/sec	2.48	1.19	603.0
TOTAL	120	5	2	45	4.29	15.83%	25.1/sec	54.81	7.67	2236.0

2) 50 Request

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename

Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Add inventory	50	4	3	6	0.79	100.00%	10.2/sec	1.41	4.42	142.0
Book Ticket	50	8	6	16	2.01	0.00%	10.2/sec	7.13	5.71	717.0
cancel ticket	50	6	4	11	1.43	0.00%	10.2/sec	0.27	2.45	27.0
Search by E..	50	8	5	14	2.09	0.00%	10.2/sec	337.20	1.70	33887.0
Search by PNR	50	2	2	11	1.36	0.00%	10.2/sec	7.09	1.52	711.0
Search Flights	50	3	3	5	0.62	0.00%	10.2/sec	6.01	2.89	603.0
TOTAL	300	5	2	16	2.68	16.67%	60.8/sec	357.34	18.59	6014.5

3) 100 Request

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename

Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Add inventory	100	4	3	10	1.15	100.00%	20.2/sec	2.80	8.75	142.0
Book Ticket	100	8	4	14	1.95	1.00%	20.1/sec	13.99	11.29	711.1
cancel ticket	100	7	4	51	4.80	0.00%	20.1/sec	0.53	4.84	27.0
Search by E..	100	13	8	28	3.72	0.00%	20.1/sec	1616.43	3.36	82214.8
Search by PNR	100	2	2	4	0.68	0.00%	20.2/sec	14.00	2.99	711.0
Search Flights	100	4	3	7	1.07	0.00%	20.2/sec	11.88	5.71	603.0
TOTAL	600	6	2	51	4.50	16.83%	120.1/sec	1650.59	36.70	14068.2