

Sonar Qube Analysis:

Kuruguntla Asritha > MicroServicesFlightApp > main

Last analysis had a warning

SummaryIssuesSecurity HotspotsMore

Quality Gate: Sonar way

✓

Passed

New Code

Overall Code

Security

0 Open issues

A

Reliability

0 Open issues

A

Maintainability

0 Open issues

A

Accepted Issues

0

Coverage

94.4%

No conditions set on 140 Lines to cover

Duplications

0.0%

No conditions set on 1.9k Lines

Kuruguntla Asritha > MicroServicesFlightApp > main

Last analysis had a warning

SummaryIssuesSecurity HotspotsMore

Filters

Software quality

Security0

Reliability0

Maintainability0

Severity

Blocker0

High0

Medium0

Low0

Info0

Code attribute

Select issues for bulk actions

Change

Select issues

Navigate to issue

0 issues 0 effort

No Issues. Hooray!

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Jacoco Reports

passenger-service

passenger-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed Cxty	Missed Lines	Missed Methods	Missed Classes
com.example.service	<div><div></div></div>	88%		n/a	0 8	2 20	0 8	0 1
com.example	<div><div></div></div>	100%		n/a	0 3	0 10	0 3	0 1
com.example.controller	<div><div></div></div>	100%		n/a	0 5	0 5	0 5	0 1
com.example.exception	<div><div></div></div>	100%		n/a	0 1	0 2	0 1	0 1
Total	14 of 199	92%	0 of 0	n/a	0 17	2 37	0 17	0 4

flight-service

flight-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed Cxty	Missed Lines	Missed Methods	Missed Classes
com.example.service	<div><div></div></div>	100%		n/a	0 7	0 15	0 7	0 1
com.example	<div><div></div></div>	100%		n/a	0 3	0 10	0 3	0 1
com.example.controller	<div><div></div></div>	100%		n/a	0 5	0 5	0 5	0 1
com.example.exception	<div><div></div></div>	100%		n/a	0 1	0 2	0 1	0 1
Total	0 of 172	100%	0 of 0	n/a	0 16	0 32	0 16	0 4

ticket-service

ticket-service

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed Cxty	Missed Lines	Missed Methods	Missed Classes
com.example.service	<div><div></div></div>	94%	<div><div></div></div>	50%	2 9	1 30	1 8	0 1
com.example	<div><div></div></div>	100%		n/a	0 3	0 10	0 3	0 1
com.example.controller	<div><div></div></div>	100%		n/a	0 4	0 4	0 4	0 1
com.example.exception	<div><div></div></div>	100%		n/a	0 1	0 2	0 1	0 1
Total	10 of 252	96%	1 of 2	50%	2 17	1 46	1 16	0 4

Kafka:

```
25-12-01T15:13:43.402+05:30 INFO 17908 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket booked for passengerId=53, flightId=1, pnr=0c92d8ab
```

Messages logged when ticket booked

Jmeter:

FlightService:

10 threads

Getting by flight id:

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/sec	Sent KB/sec	Avg. Bytes
getting by flight id	20	34	15	112	29.55	0.00%	4.7/sec	1.37	0.71	296.0
TOTAL	20	34	15	112	29.55	0.00%	4.7/sec	1.37	0.71	296.0

.....		getting by flight id
.....		getting by flight id
.....		getting by flight id
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.....		getting by flight id

Registering a flight:(post request)

Summary Report

Name:

Comments:

Write results to file / Read from file

Filename Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	10	30	19	54	9.78	0.00%	10.6/sec	1.38	3.96	133.0
TOTAL	10	30	19	54	9.78	0.00%	10.6/sec	1.38	3.96	133.0

Text **Sampler result**

- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight
- ... registering flight

50 threads:

Get request

Summary Report

Name:

Comments:

Write results to file / Read from file

Filename Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
getting by flight id	50	23	14	45	6.31	0.00%	50.3/sec	14.56	9.09	296.3
TOTAL	50	23	14	45	6.31	0.00%	50.3/sec	14.56	9.09	296.3

Post request:

The screenshot shows a software window titled 'Sampler result' with a 'Text' tab selected. The tab contains a list of 9 entries, each with a status icon and the text 'registering passengers'. The first entry is marked with a green checkmark, while the subsequent 8 entries are marked with red X icons. The list is presented in a scrollable area with a dashed line on the left side.

50 threads:

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/sec	Sent KB/sec	Avg. Bytes
registering passen...	50	59	34	181	31.87	98.00%	48.6/sec	12.46	17.38	262.4
TOTAL	50	59	34	181	31.87	98.00%	48.6/sec	12.46	17.38	262.4

Text	
	registering passengers
	registering passengers
	registering passengers
	registering passengers
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	registering passengers

Ticket service:

10 threads

Booking ticket

Summary Report

Name:

Summary Report

Comments:

Write results to file / Read from file

Filename

Browse...

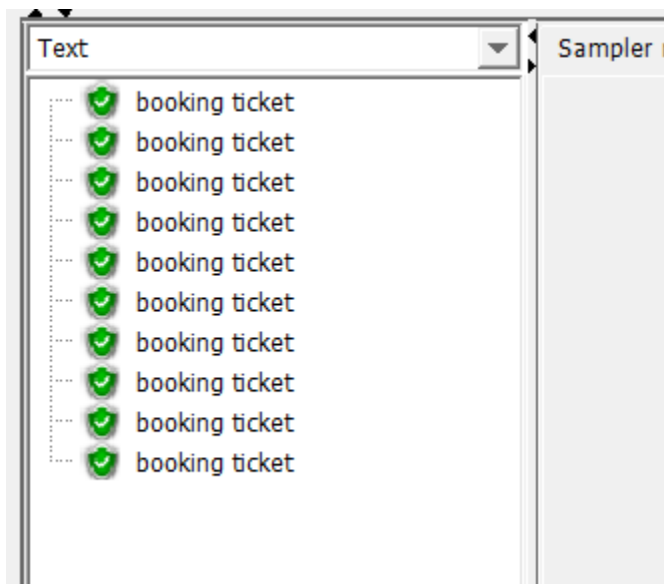
Log/Display Only: ☐ Errors ☐ Successes

Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
booking ticket	10	30	15	109	26.61	0.00%	10.9/sec	1.31	2.76	123.0
TOTAL	10	30	15	109	26.61	0.00%	10.9/sec	1.31	2.76	123.0

Kafka email-service

```
-group-1, groupId=email-group] Node -1 disconnected.
2025-12-01T15:42:07.587+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=5381d9d2
2025-12-01T15:42:07.651+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=8fbd768c
2025-12-01T15:42:07.653+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=9d1d1ad3
2025-12-01T15:42:07.666+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=e5d6b3fc
2025-12-01T15:42:07.728+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=380e342b
2025-12-01T15:42:07.831+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=98fcc235
2025-12-01T15:42:07.925+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=5c10b4b7
2025-12-01T15:42:08.023+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=49d2f0ba
2025-12-01T15:42:08.124+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=6f7d8339
2025-12-01T15:42:08.216+05:30 INFO 24064 --- [email-service] [ntainer#0-0-C-1] c.example.demo.listener.EmailListener : ? Email-service received: Ticket
booked for passengerId=53, flightId=1, pnr=ebcf5a39
```



Get request:

Get by pnr

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename: Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	10	49	41	58	6.10	0.00%	10.6/sec	3.21	1.93	311.0
TOTAL	10	49	41	58	6.10	0.00%	10.6/sec	3.21	1.93	311.0

Text

Sample

- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request
- ✓ HTTP Request

50 threads:

Post request

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename: Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
booking ticket	50	32	13	119	21.73	0.00%	49.3/sec	5.92	12.41	123.0
TOTAL	50	32	13	119	21.73	0.00%	49.3/sec	5.92	12.41	123.0

Get request:

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/sec	Sent KB/sec	Avg. Bytes
HTTP Request	50	88	37	241	51.29	0.00%	47.8/sec	14.53	8.74	311.0
TOTAL	50	88	37	241	51.29	0.00%	47.8/sec	14.53	8.74	311.0