Performance test report – May 14, 2024 (#2)

Open in Postman

Postman collection: Tele Aula API

Report exported on: May 14, 2024, 13:20:56 (GMT-3)
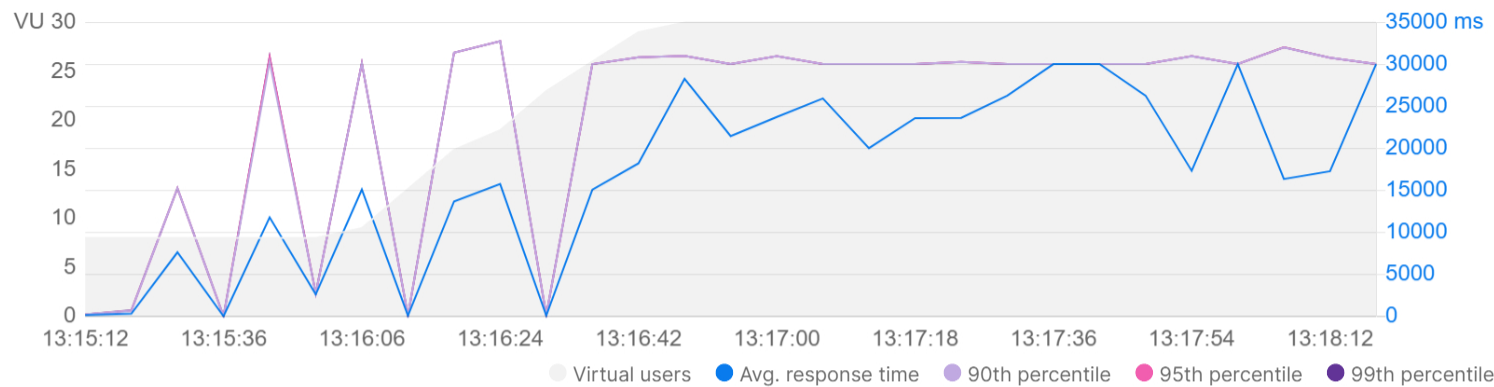
Test setup

Virtual users	Start time	Load profile
30 VU	May 14, 13:15:14 (GMT-3)	Ramp up (40 seconds)

Duration	End time	Environment
3 minutes	May 14, 13:18:21 (GMT-3)	-

1. Summary

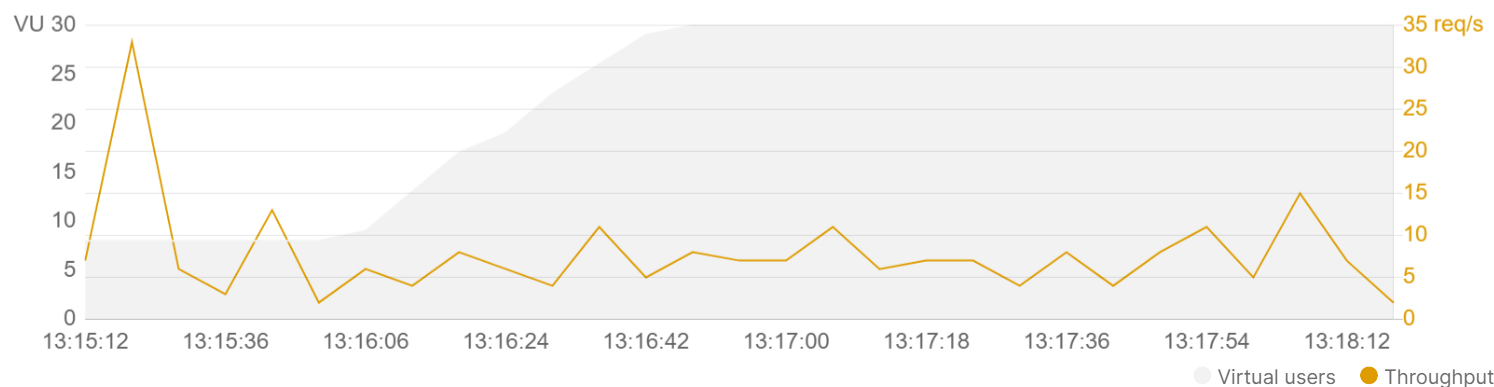| Total requests sent	Throughput	Average response time	Error rate
225	1.20 requests/second	15,529 ms	85.78 %

1.1 Response time

Response time trends during the test duration.

1.2 Throughput

Rate of requests sent per second during the test duration.

1.3 Requests with slowest response times

Top 5 slowest requests based on their average response times.

Request	Resp. time (Avg ms)	90th (ms)	95th (ms)	99th (ms)	Min (ms)	Max (ms)
POST Matricula {{baseUrl}}/api/Matricula	27,568	31,007	32,041	32,041	15,247	32,041
POST Cancelar Agendamento {{baseUrl}}/api/Agendamento/Cancelar	24,092	30,979	31,400	32,772	239	32,772
POST CFC {{baseUrl}}/api/CFC	23,791	30,050	30,299	30,977	98	30,977
POST Instrutor {{baseUrl}}/api/Instrutor	22,925	30,052	31,003	32,028	178	32,028
POST Candidato {{baseUrl}}/api/Candidato	12,001	15,355	15,762	15,768	125	15,768

1.4 Requests with most errors

Top 5 requests with the most errors, along with the most frequently occurring errors for each request.

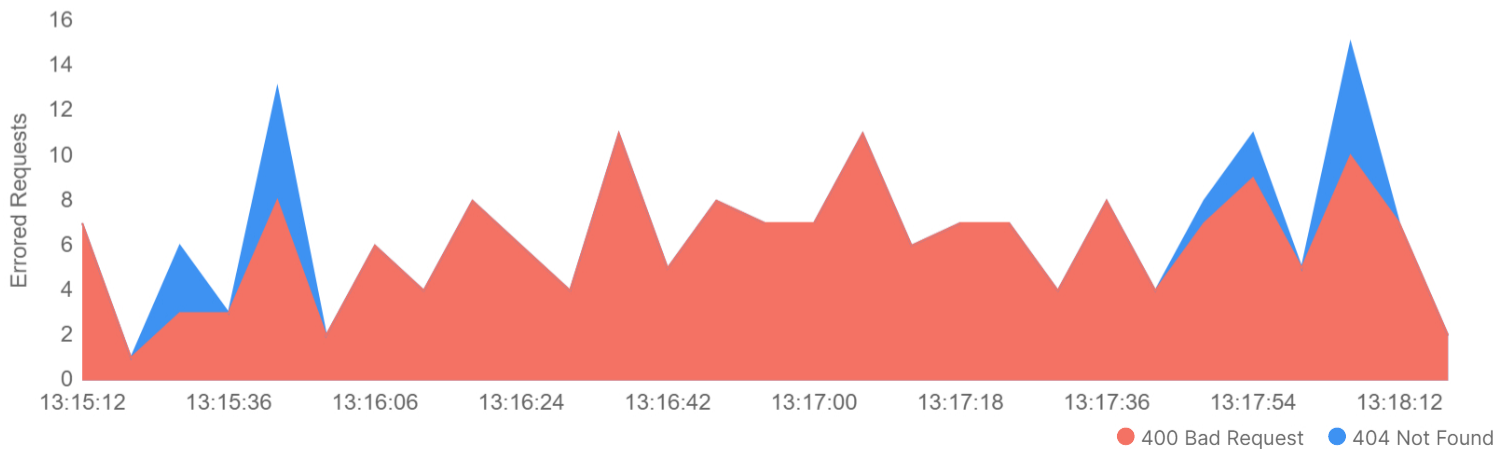| Request	Total error count	Error 1	Error 2	Other errors
POST Novo Agendamento {{baseUrl}}/api/Agendamento	46	400 Bad Request (46)	-	0
POST Cancelar Agendamento {{baseUrl}}/api/Agendamento/Cancelar	30	400 Bad Request (30)	-	0
POST Candidato {{baseUrl}}/api/Candidato	30	400 Bad Request (30)	-	0
POST CFC {{baseUrl}}/api/CFC	30	400 Bad Request (30)	-	0
POST Instrutor {{baseUrl}}/api/Instrutor	25	400 Bad Request (25)	-	0

2. Metrics for each request

The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
POST Novo Agendamento {{baseUrl}}/api/Agendamento	46	0.25	36	308	673	2,754	100
POST Cancelar Agendamento {{baseUrl}}/api/Agendamento/Cancelar	38	0.20	239	24,092	30,979	32,772	78.95
POST Candidato {{baseUrl}}/api/Candidato	38	0.20	125	12,001	15,355	15,768	78.95
POST CFC {{baseUrl}}/api/CFC	38	0.20	98	23,791	30,050	30,977	78.95
POST Instrutor {{baseUrl}}/api/Instrutor	33	0.18	178	22,925	30,052	32,028	75.76
POST Matricula {{baseUrl}}/api/Matricula	16	0.09	15,247	27,568	31,007	32,041	100
POST Auth {{baseUrl}}/api/v1/Auth	16	0.09	36	410	2,998	3,014	100

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.

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3.2 Error distribution for requests

Errored requests grouped by error class, along with the error count for each class.

Error class	Total counts
400 Bad Request	177
POST Novo Agendamento	46
POST Cancelar Agendamento	30
POST Candidato	30
POST CFC	30
POST Instrutor	25
POST Matricula	16
404 Not Found	16
POST Auth	16

Testing API performance on Postman

Postman enables you to simulate user traffic and observe how your API behaves under load. It also helps you identify any issues or bottlenecks that affect performance.

Learn more about testing API performance.