

Reported by Misha Trunov

SUT version: 1.1

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Test purpose:

to determine the response time in stress environment

Test setup:

- slow run
- **SLOWDOWN_SERVICE_MS_MAX** = 100
- **SLOWDOWN_SERVICE_MS_MIN** = 1000

Summary:

we can highlight two differences between 'Add Product to Cart' request and all other requests:

Add Product to Cart:

- 100% $t > 1200$ ms

Generate token Request:

- 24% $800 \text{ ms} < t < 1200 \text{ ms}$
- 76% $t < 800 \text{ ms}$

Validate Token Request:

- 21% $800 \text{ ms} < t < 1200 \text{ ms}$
- 79% $t < 800 \text{ ms}$

Home Page Request:

- 40% $800 \text{ ms} < t < 1200 \text{ ms}$
- 24% $t < 800 \text{ ms}$
- 36% $t > 1200 \text{ ms}$

Get All Products Request:

- 40% $800 \text{ ms} < t < 1200 \text{ ms}$
- 23% $t < 800 \text{ ms}$
- 37% $t > 1200 \text{ ms}$

Get Product by ID Request:

- 40% $800 \text{ ms} < t < 1200 \text{ ms}$
- 22% $t < 800 \text{ ms}$
- 38% $t > 1200 \text{ ms}$

Get Items from Cart Request:

- 38% $800 \text{ ms} < t < 1200 \text{ ms}$
- 24% $t < 800 \text{ ms}$
- 38% $t > 1200 \text{ ms}$

Checkout Request:

- 34% $800 \text{ ms} < t < 1200 \text{ ms}$
- 19% $t < 800 \text{ ms}$
- 48% $t > 1200 \text{ ms}$

The results we can see are due to the processes that when we add a product to the cart, we send a request to check whether such a product exists. This mean that we send two requests, first to check existing product, second to add the product to cart. For more detailed results please see the report with graphs.