

CLOUD COMPUTING

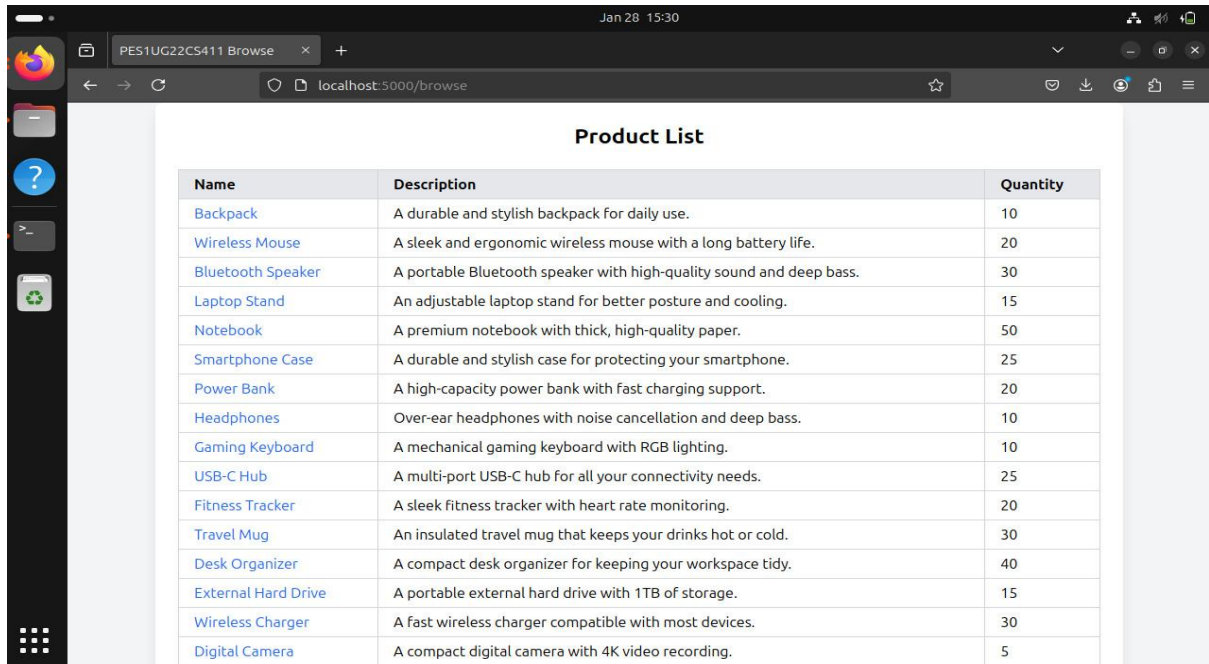
LAB 03

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PAVAN T R

SECTION G

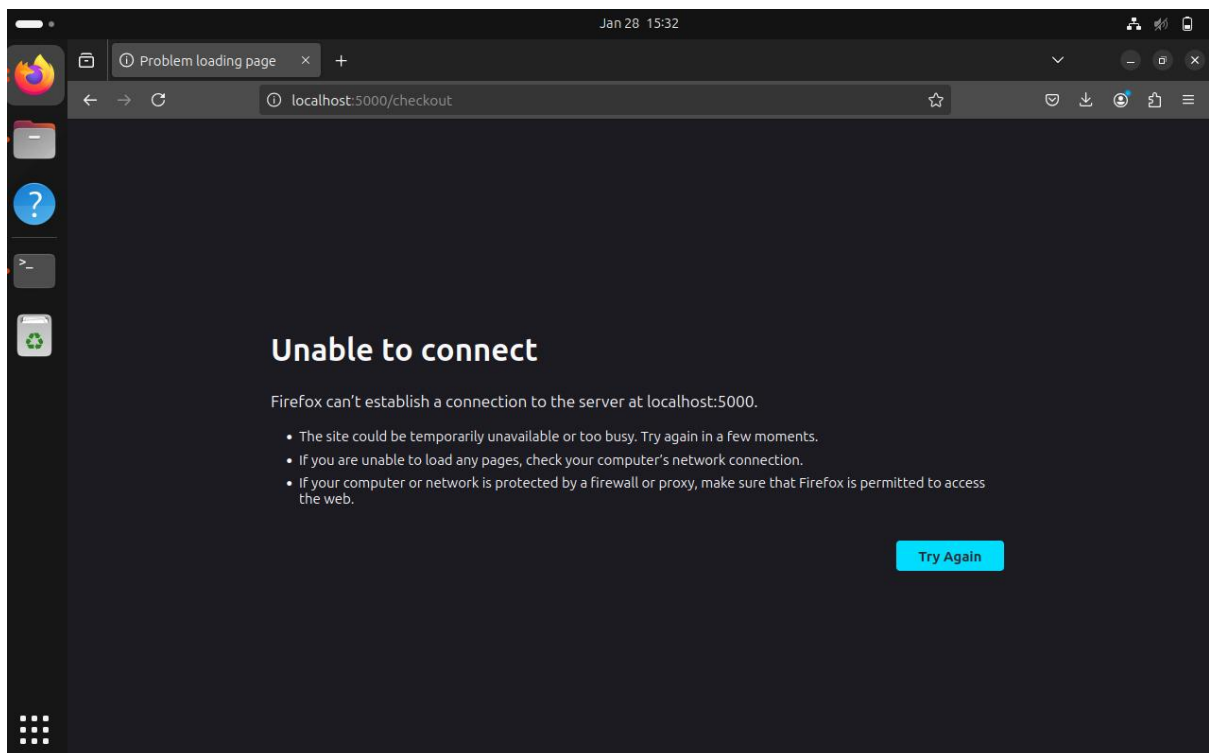
SS1)



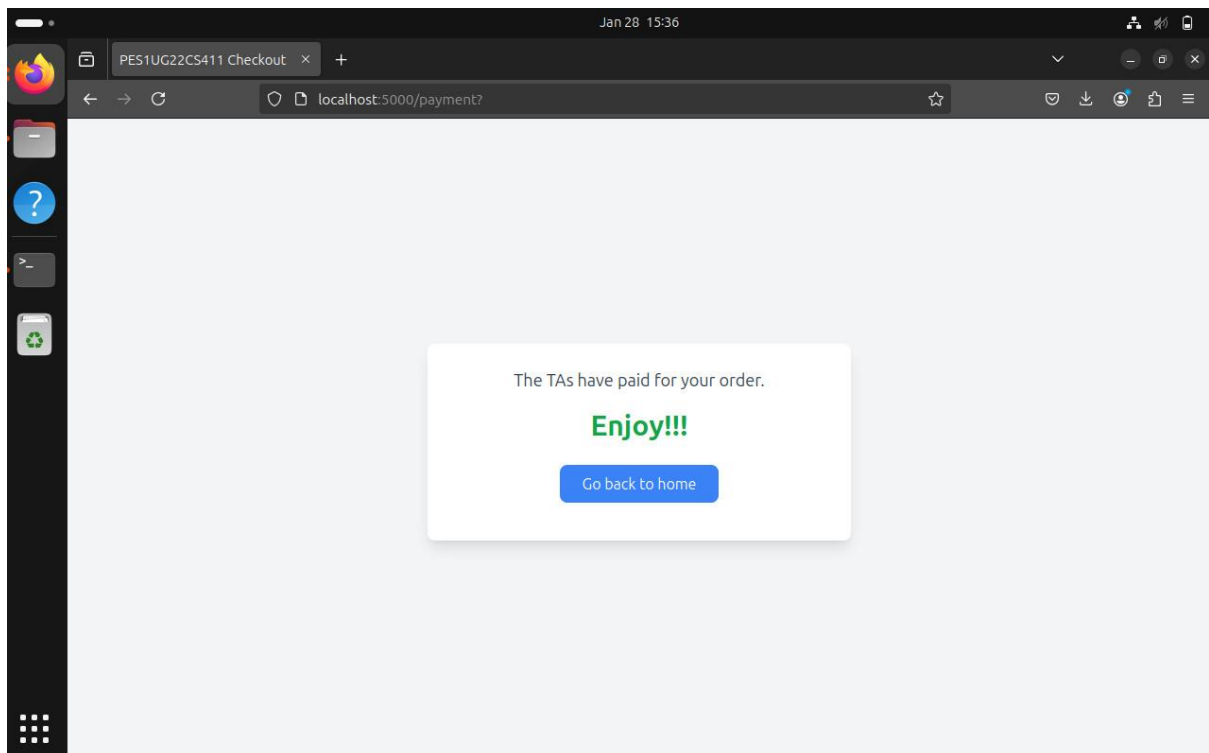
The screenshot shows a web browser window with the address bar displaying 'localhost:5000/browse'. The page title is 'Product List'. Below the title is a table with three columns: 'Name', 'Description', and 'Quantity'. The table contains 15 rows of product information.

Name	Description	Quantity
Backpack	A durable and stylish backpack for daily use.	10
Wireless Mouse	A sleek and ergonomic wireless mouse with a long battery life.	20
Bluetooth Speaker	A portable Bluetooth speaker with high-quality sound and deep bass.	30
Laptop Stand	An adjustable laptop stand for better posture and cooling.	15
Notebook	A premium notebook with thick, high-quality paper.	50
Smartphone Case	A durable and stylish case for protecting your smartphone.	25
Power Bank	A high-capacity power bank with fast charging support.	20
Headphones	Over-ear headphones with noise cancellation and deep bass.	10
Gaming Keyboard	A mechanical gaming keyboard with RGB lighting.	10
USB-C Hub	A multi-port USB-C hub for all your connectivity needs.	25
Fitness Tracker	A sleek fitness tracker with heart rate monitoring.	20
Travel Mug	An insulated travel mug that keeps your drinks hot or cold.	30
Desk Organizer	A compact desk organizer for keeping your workspace tidy.	40
External Hard Drive	A portable external hard drive with 1TB of storage.	15
Wireless Charger	A fast wireless charger compatible with most devices.	30
Digital Camera	A compact digital camera with 4K video recording.	5

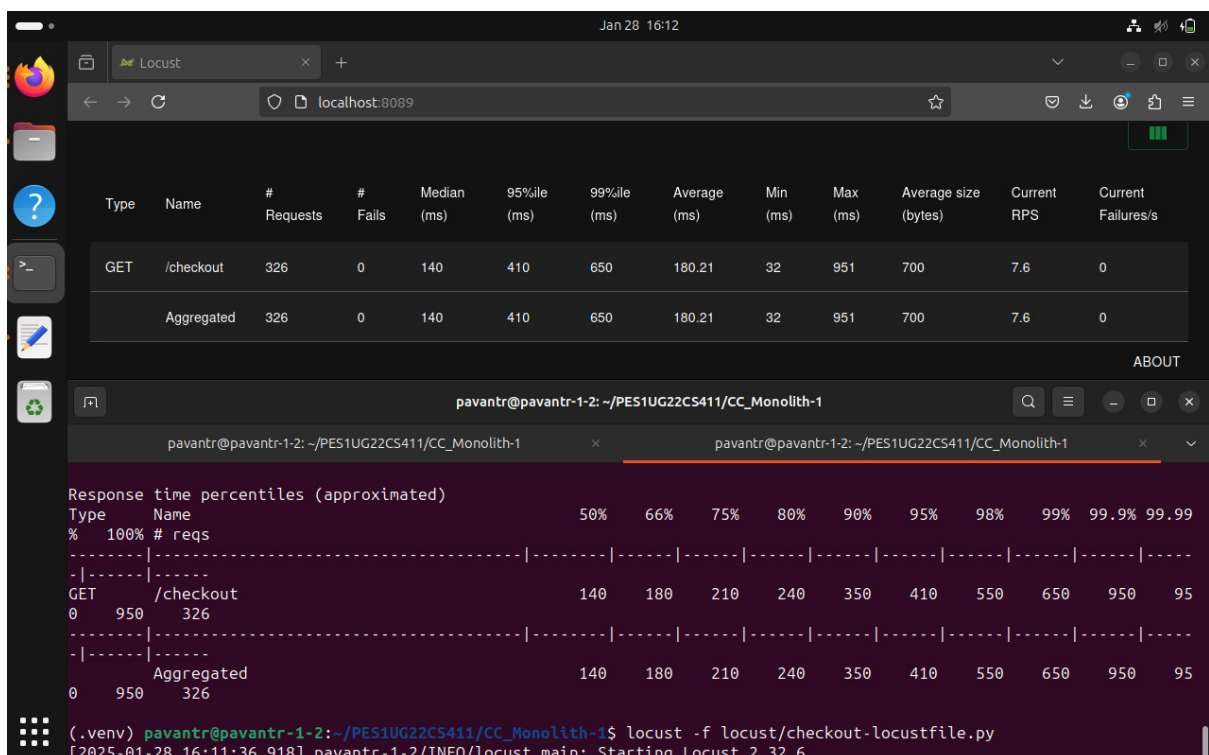
SS2)



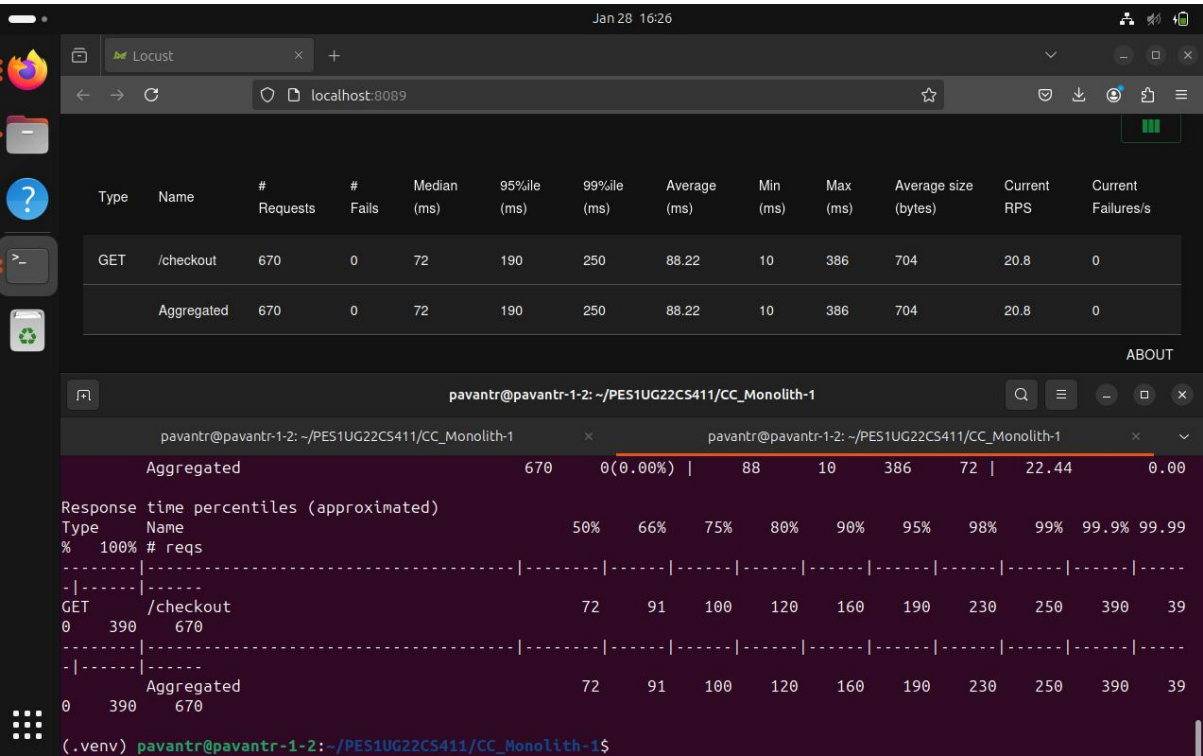
SS3)



SS4)

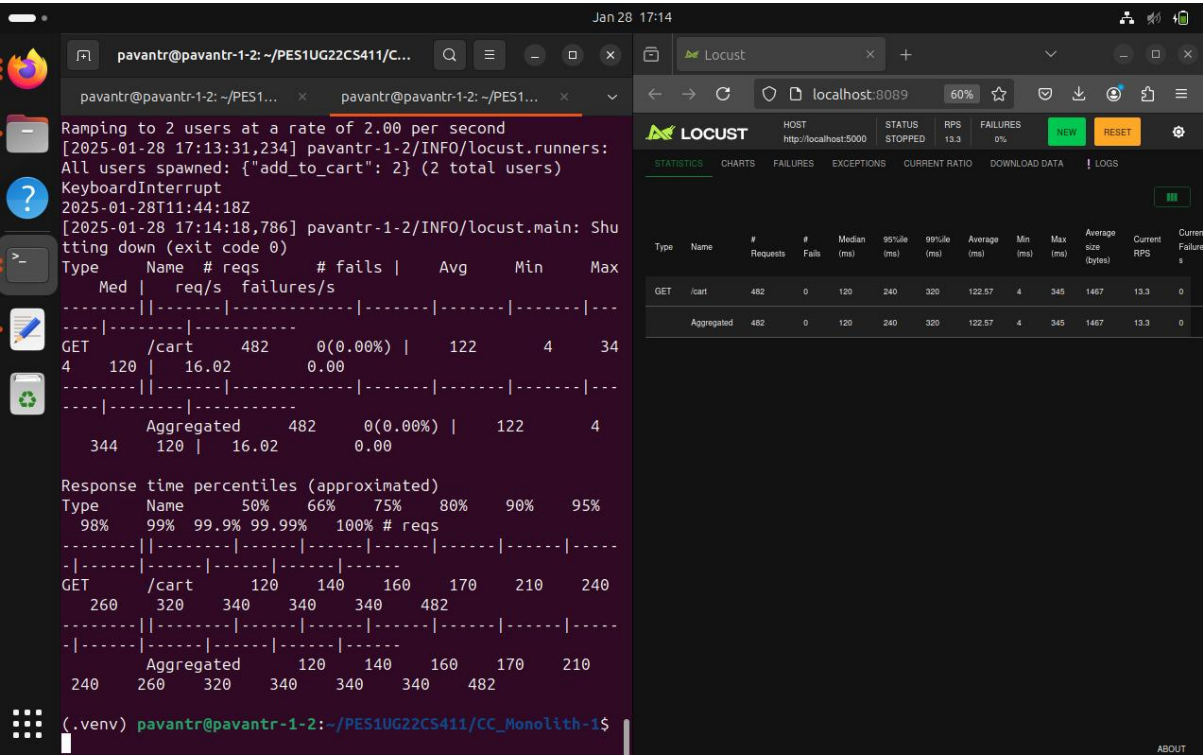


SS5)



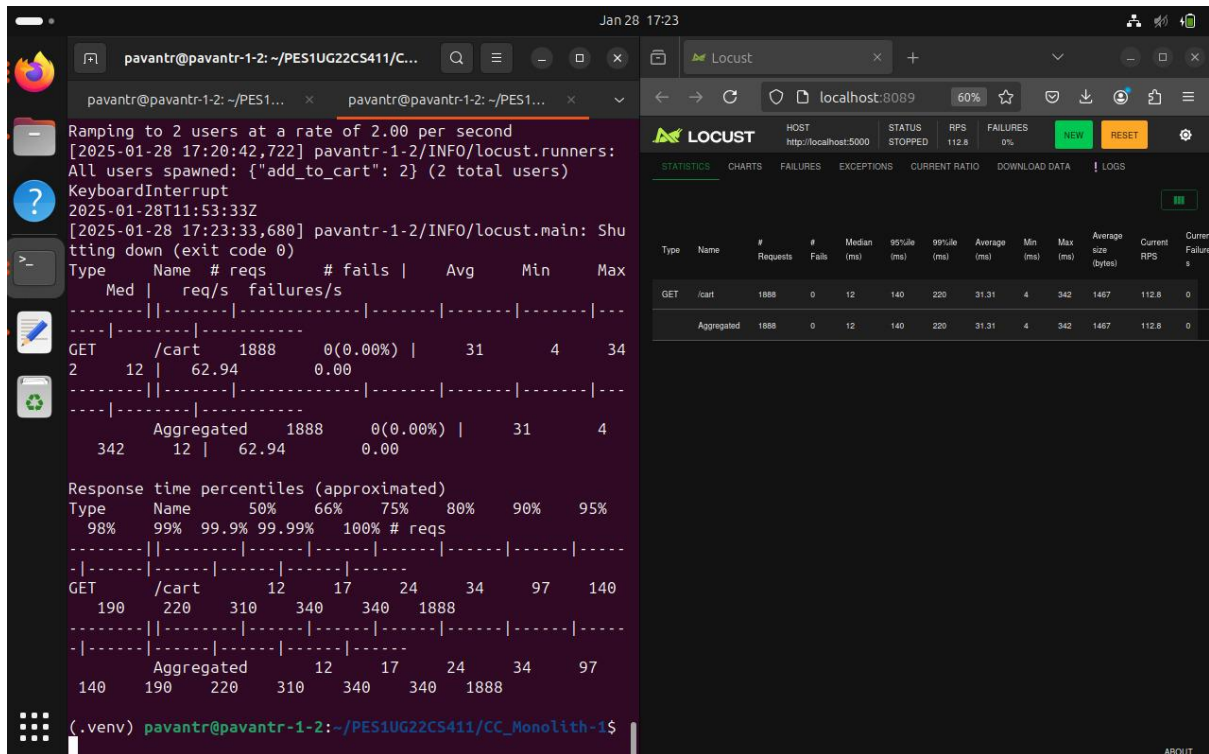
SS6)

BEFORE: CART



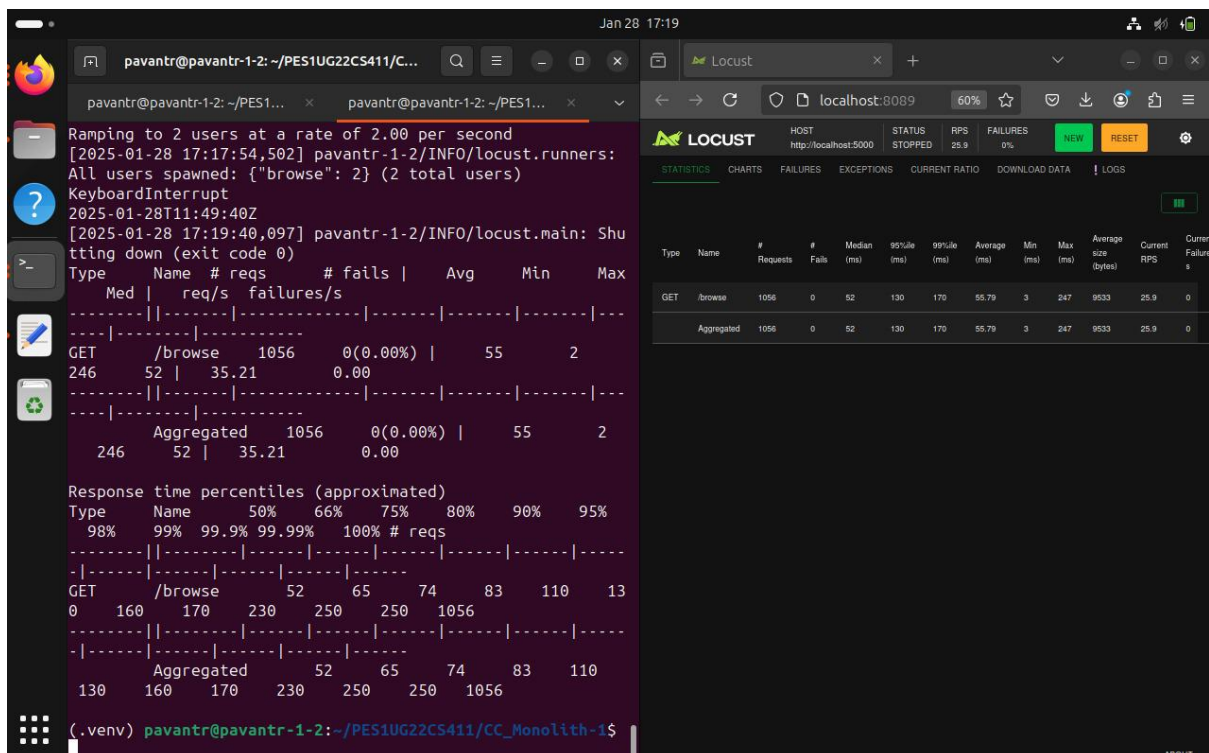
SS7)

AFTER:



SS8)

BEFORE: BROWSE



SS9)

AFTER:

The screenshot shows a terminal window on the left and a web browser on the right. The terminal window displays the output of a Locust test, including the command to ramp to 2 users, the test results for the /browse endpoint, and the response time percentiles. The web browser shows the Locust web interface, which displays the test results in a table format.

Terminal Output:

```
Ramping to 2 users at a rate of 2.00 per second
[2025-01-28 17:24:44,774] pavantr-1-2/INFO/locust.runners:
All users spawned: {"browse": 2} (2 total users)
KeyboardInterrupt
2025-01-28T11:55:49Z
[2025-01-28 17:25:49,823] pavantr-1-2/INFO/locust.main: Shutting down (exit code 0)

Type Name # reqs # fails | Avg Min Max
-----|-----|-----|-----|-----|-----|-----
GET /browse 8377 0(0.00%) | 7 1
146 5 | 279.07 0.00

Aggregated 8377 0(0.00%) | 7 1
146 5 | 279.07 0.00

Response time percentiles (approximated)
Type Name 50% 66% 75% 80% 90% 95%
98% 99% 99.9% 99.99% 100% # reqs
-----|-----|-----|-----|-----|-----|-----
GET /browse 5 6 6 7 9 1
5 40 59 110 150 150 8377

Aggregated 5 6 6 7 9
15 40 59 110 150 150 8377
```

Web Browser (localhost:8089) - Locust Interface:

Type	Name	# Requests	# Fails	Median (ms)	90%ile (ms)	99%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures
GET	/browse	8377	0	5	15	59	7.01	2	147	9533	290.9	0
Aggregated												
		8377	0	5	15	59	7.01	2	147	9533	290.9	0