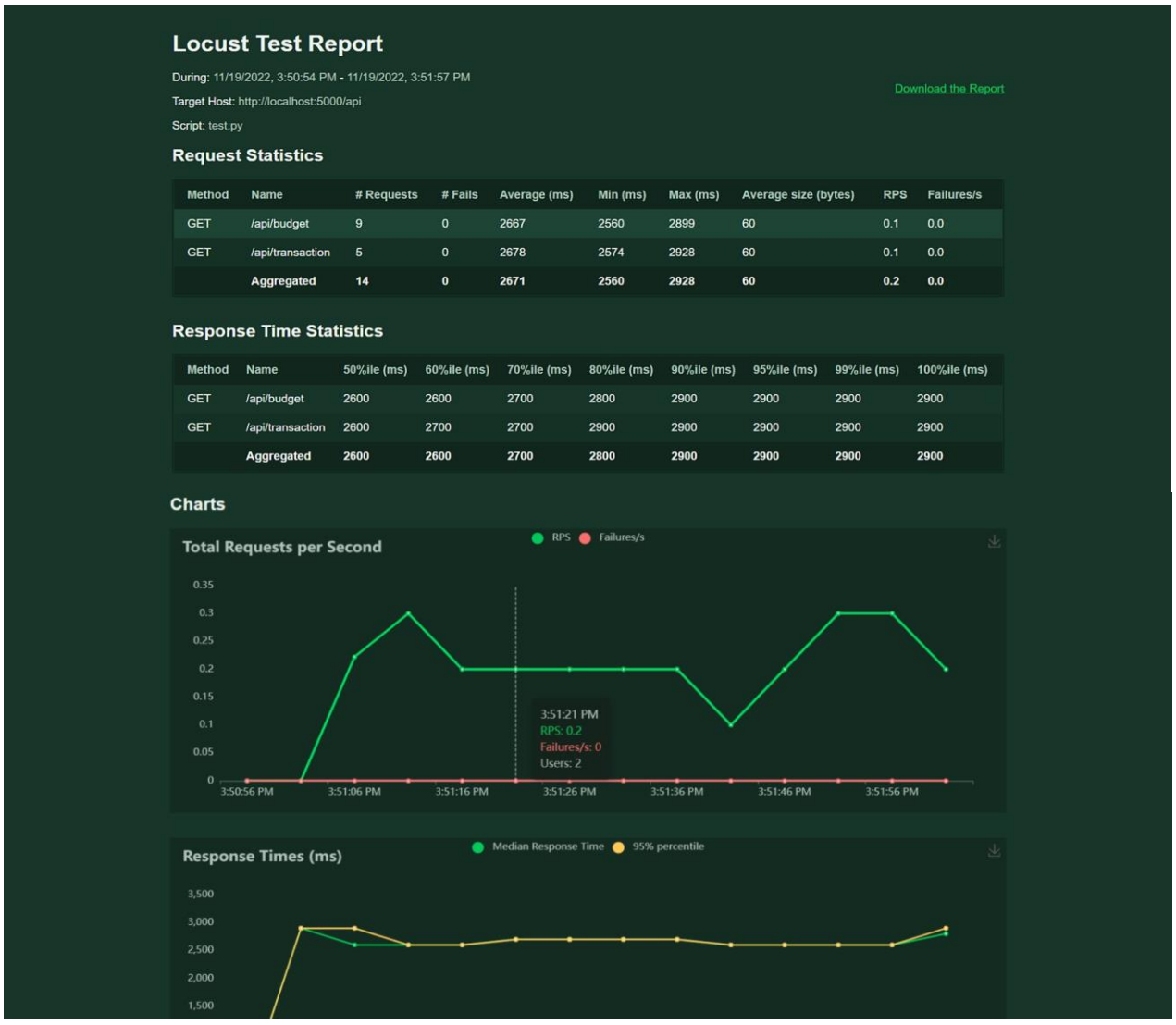
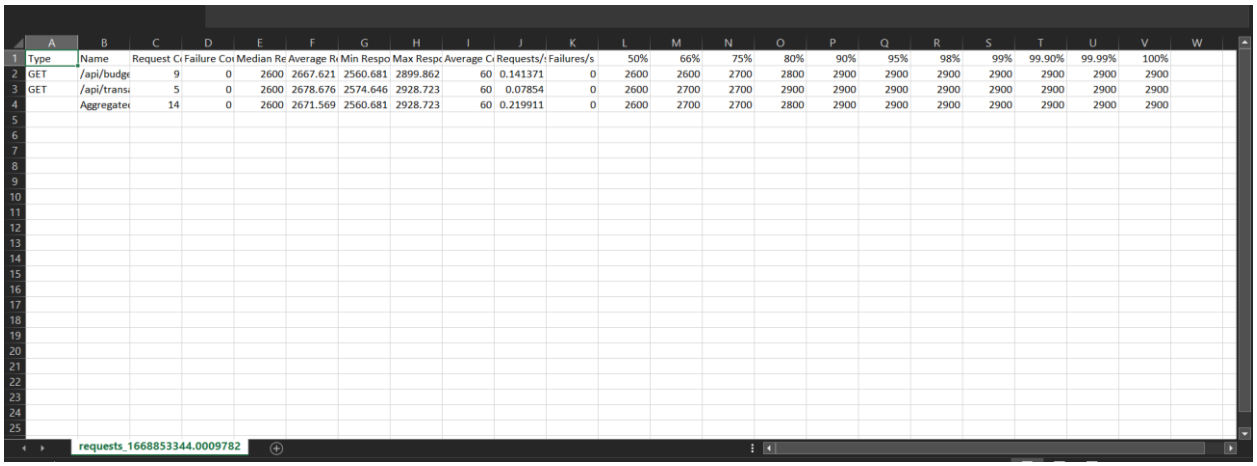
Performance Testing

Team ID	PNT2022TMID04644
Project Name	Personal Expense Tracker
Maximum Marks	30 Marks

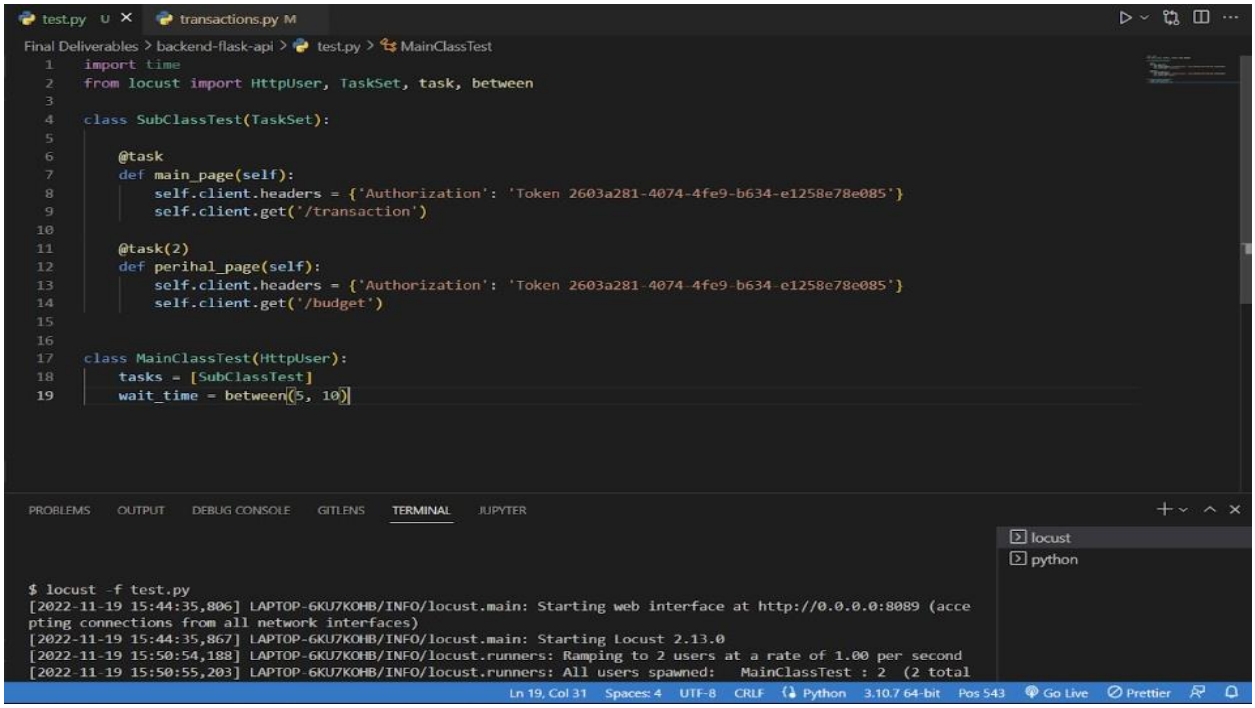
Locust Load Test





Type	Name	Request Ct	Failure Cot	Median Re	Average Re	Min Respo	Max Respc	Average Ct	Requests/s	Failures/s	50%	66%	75%	80%	90%	95%	98%	99%	99.90%	99.99%	100%
GET	/api/budge	9	0	2600	2667.621	2560.681	2899.862	60	0.141371	0	2600	2600	2700	2800	2900	2900	2900	2900	2900	2900	2900
GET	/api/transa	5	0	2600	2678.676	2574.646	2928.723	60	0.07854	0	2600	2700	2700	2900	2900	2900	2900	2900	2900	2900	2900
	Aggregate	14	0	2600	2671.569	2560.681	2928.723	60	0.219911	0	2600	2700	2700	2800	2900	2900	2900	2900	2900	2900	2900

requests_1668853344.0009782



test.py U | transactions.py M

Final Deliverables > backend-flask-api > test.py > MainClassTest

```python
import time
from locust import HttpUser, TaskSet, task, between

class SubClassTest(TaskSet):

    @task
    def main_page(self):
        self.client.headers = {'Authorization': 'Token 2603a281-4074-4fe9-b634-e1258e78e085'}
        self.client.get('/transaction')

    @task(2)
    def perihal_page(self):
        self.client.headers = {'Authorization': 'Token 2603a281-4074-4fe9-b634-e1258e78e085'}
        self.client.get('/budget')


class MainClassTest(HttpUser):
    tasks = [SubClassTest]
    wait_time = between(5, 10)
```

PROBLEMS OUTPUT DEBUG CONSOLE GITLENS TERMINAL JUPYTER

locust

python

```
$ locust -f test.py
[2022-11-19 15:44:35,806] LAPTOP-6KU7KOHB/INFO/locust.main: Starting web interface at http://0.0.0.0:8089 (acce
pting connections from all network interfaces)
[2022-11-19 15:44:35,867] LAPTOP-6KU7KOHB/INFO/locust.main: Starting Locust 2.13.0
[2022-11-19 15:50:54,188] LAPTOP-6KU7KOHB/INFO/locust.runners: Ramping to 2 users at a rate of 1.00 per second
[2022-11-19 15:50:55,203] LAPTOP-6KU7KOHB/INFO/locust.runners: All users spawned:   MainClassTest : 2  (2 total
```

Ln 19, Col 31 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit Pos 543 Go Live Prettier