Locust Test Reports GET-PUT-POST-DELETE METHODLARI TESTLERİ

Locust Test Report

During: 11.01.2024 22:03:08 - 11.01.2024 22:07:52

Target Host: https://petstore.swagger.io

Script: main.py

Request Statistics

| Method	Name	# Requests	# Fails	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	RPS	Failures/s
POST	/v2/user	697	0	562	296	5606	46	2.5	0.0
DELETE	/v2/user/ayse23	761	393	494	296	5902	23	2.7	1.4
PUT	/v2/user/ayse23	688	0	548	296	6332	48	2.4	0.0
POST	/v2/user/createWithList	677	0	505	297	6827	44	2.4	0.0
GET	/v2/user/login? username=ayse23&password=1234	661	0	452	296	4859	78	2.3	0.0
GET	/v2/user/logout	697	0	584	296	9028	44	2.5	0.0
	Aggregated	**4181**	**393**	**524**	**296**	**9028**	**46**	**14.7**	**1.4**

Response Time Statistics

Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
POST	/v2/user	310	310	320	690	1200	1400	4400	5600
DELETE	/v2/user/ayse23	310	310	310	330	840	1200	4200	5900
PUT	/v2/user/ayse23	310	310	310	380	1200	1400	4200	6300
POST	/v2/user/createWithList	310	310	320	370	1200	1200	3900	6800
GET	/v2/user/login? username=ayse23&password=1234	310	310	310	330	700	1200	2500	4900
GET	/v2/user/logout	310	310	320	690	1200	1500	4900	9000
	Aggregated	**310**	**310**	**320**	**390**	**1200**	**1300**	**4400**	**9000**

Failures Statistics

Method	Name	Error	Occurrences
DELETE	/v2/user/ayse23	404 Client Error: Not Found for url: /v2/user/ayse23	393

Total Requests per Second

Response Times (ms)

● 50th percentile   ● 95th percentile

Number of Users

● Users
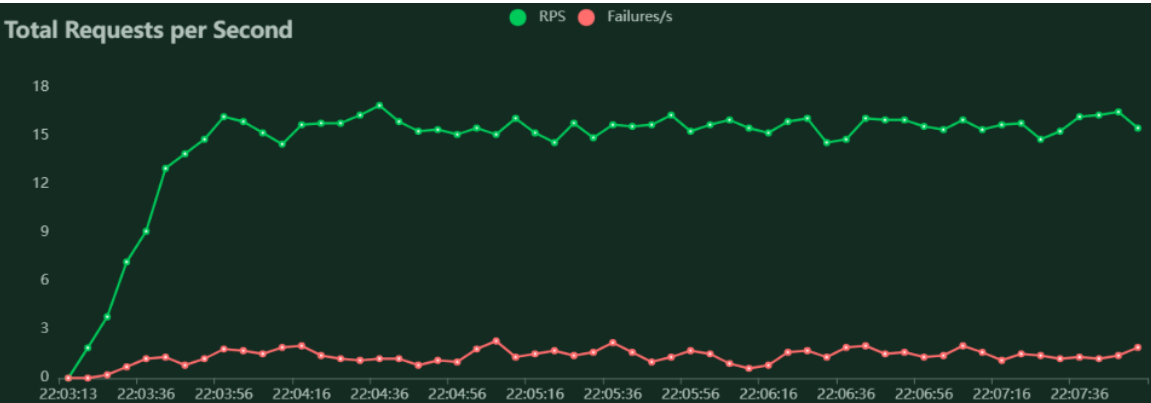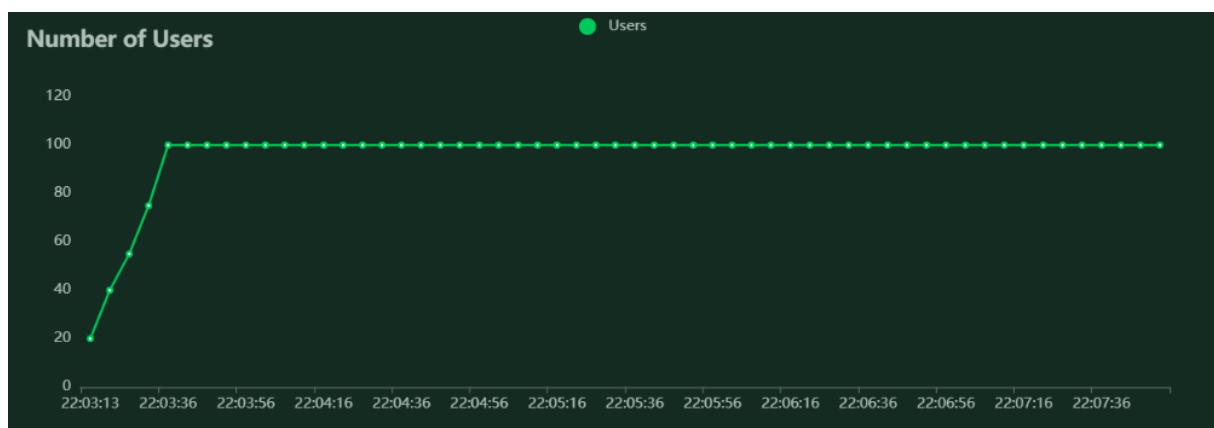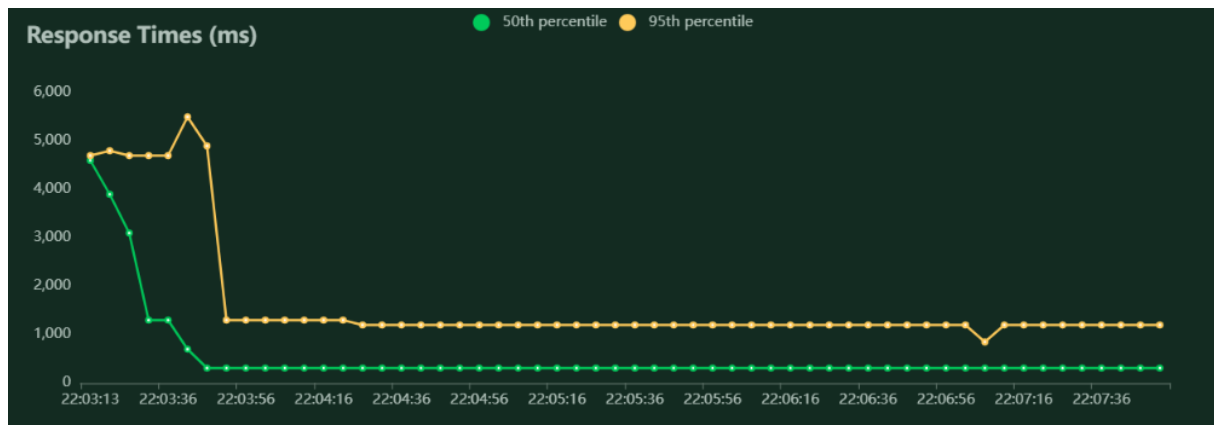
Final ratio

Ratio per User class

- 100.0% MyUser
  - 16.7% post_create_user
  - 16.7% get_login
  - 16.7% get_logout
  - 16.7% delete_delete_user
  - 16.7% put_update_user
  - 16.7% post_create_with_list

Total ratio

- 100.0% MyUser
  - 16.7% post_create_user
  - 16.7% get_login
  - 16.7% get_logout
  - 16.7% delete_delete_user
  - 16.7% put_update_user
  - 16.7% post_create_with_list

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

class MyUser(HttpUser):
    wait_time = between(1, 5)

    @task
    def post_create_user(self):
        data = {
            "id": 1234,
            "username": "ayse23",
            "firstName": "ayse",
            "lastName": "loadtest",
            "email": "ayseodevdeneme@test.com",
            "password": "1234",
            "phone": "5555555555",
```

```python
            "userStatus": 0
        }
        self.client.post("/v2/user", json=data)
        self.wait()

    @task
    def get_login(self):
        self.client.get("/v2/user/login?username=ayse23&password=1234")
        self.wait()

    @task
    def get_logout(self):
        self.client.get("/v2/user/logout")
        self.wait()

    @task
    def delete_delete_user(self):
        self.client.delete("/v2/user/ayse23")
        self.wait()

    @task
    def put_update_user(self):
        data = {
            "id": 200070,
            "username": "ayse07",
            "firstName": "ayse45",
            "lastName": "loadtest2",
            "email": "ayseodevdeneme@test.com",
            "password": "454545",
            "phone": "8528528552",
            "userStatus": 0
        }
        self.client.put("/v2/user/ayse23", json=data)
        self.wait()

    @task
    def post_create_with_list(self):
        data_list = [
            {
                "id": 12346,
                "username": "ayse30",
                "firstName": "ayse",
                "lastName": "loadddtest",
                "email": "odevdeneme@test.com",
                "password": "123",
                "phone": "44440444",
                "userStatus": 0
            },

            {
            "id": 12345,
            "username": "ayse20",
            "firstName": "ayse",
            "lastName": "loadddtest",
            "email": "odevdeneme2@test.com",
            "password": "123",
            "phone": "3330333",
            "userStatus": 0
            }
            ]
        self.client.post("/v2/user/createWithList", json=data_list)
        self.wait()
```

Locust Test Reports POST-DELETE METHODLARI TESTLERİ

Locust Test Report

During: 11.01.2024 22:54:00 - 11.01.2024 22:57:15

Target Host: https://petstore.swagger.io

Script: main.py

Request Statistics

| Method	Name	# Requests	# Fails	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	RPS	Failures/s
POST	/v2/user	1448	0	382	159	8041	46	7.4	0.0
DELETE	/v2/user/ayse23	1464	730	326	159	5602	24	7.5	3.7
	Aggregated	**2912**	**730**	**354**	**159**	**8041**	**34**	**15.0**	**3.7**

Response Time Statistics

Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
POST	/v2/user	170	170	170	170	180	220	5400	8000
DELETE	/v2/user/ayse23	170	170	170	170	170	180	5400	5600
	Aggregated	**170**	**170**	**170**	**170**	**170**	**190**	**5400**	**8000**

Failures Statistics

Method	Name	Error	Occurrences
DELETE	/v2/user/ayse23	404 Client Error: Not Found for url: /v2/user/ayse23	730

Total Requests per Second

Response Times (ms)

Number of Users
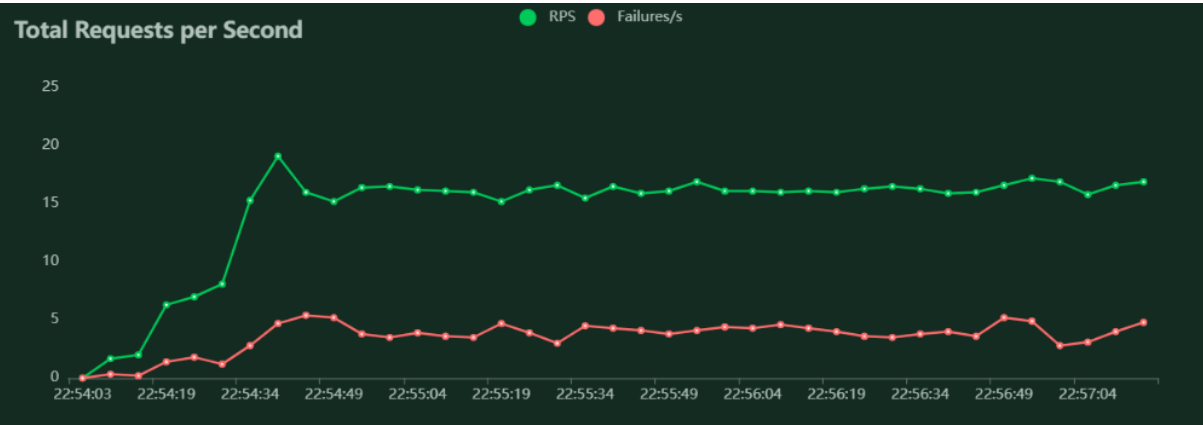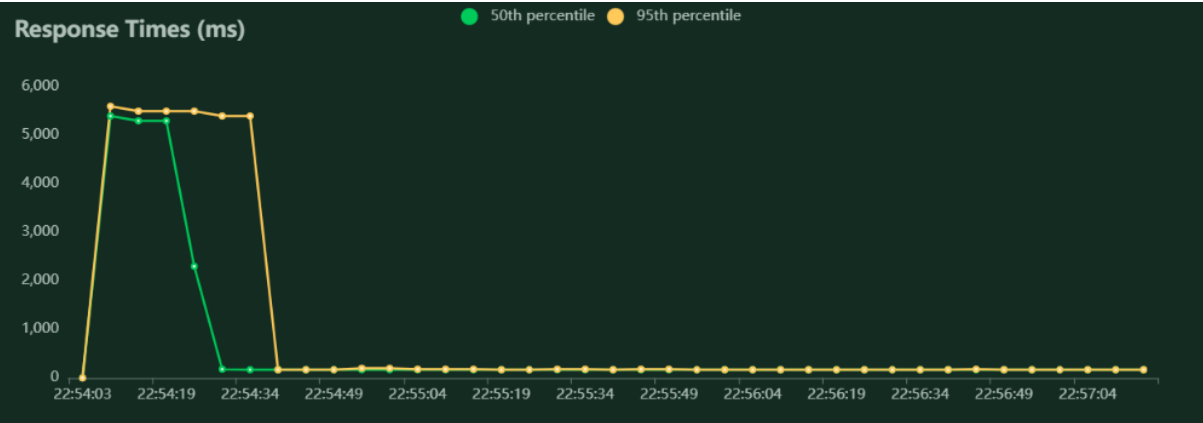
● Users

Final ratio

Ratio per User class

- 100.0% MyUser
    - 50.0% post_create_user
    - 50.0% delete_delete_user

Total ratio

- 100.0% MyUser
    - 50.0% post_create_user
    - 50.0% delete_delete_user

```python
@task
def post_create_user(self):
    data = {
        "id": 1234,
        "username": "ayse23",
        "firstName": "ayse",
        "lastName": "loadtest",
        "email": "ayseodevdeneme@test.com",
        "password": "1234",
        "phone": "5555555555",
        "userStatus": 0
    }
    self.client.post("/v2/user", json=data)
    self.wait()

@task
def delete_delete_user(self):
    self.client.delete("/v2/user/ayse23")
    self.wait()
```

Locust Test Reports GET METHODU TESTLERİ

Locust Test Report

During: 11.01.2024 23:01:01 - 11.01.2024 23:01:54

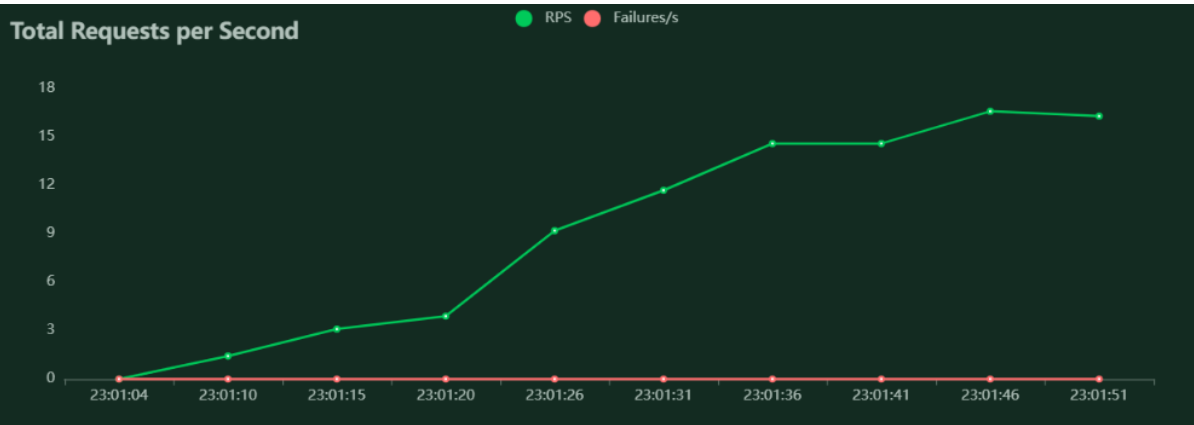**Target Host:** https://petstore.swagger.io

Script: main.py

Request Statistics

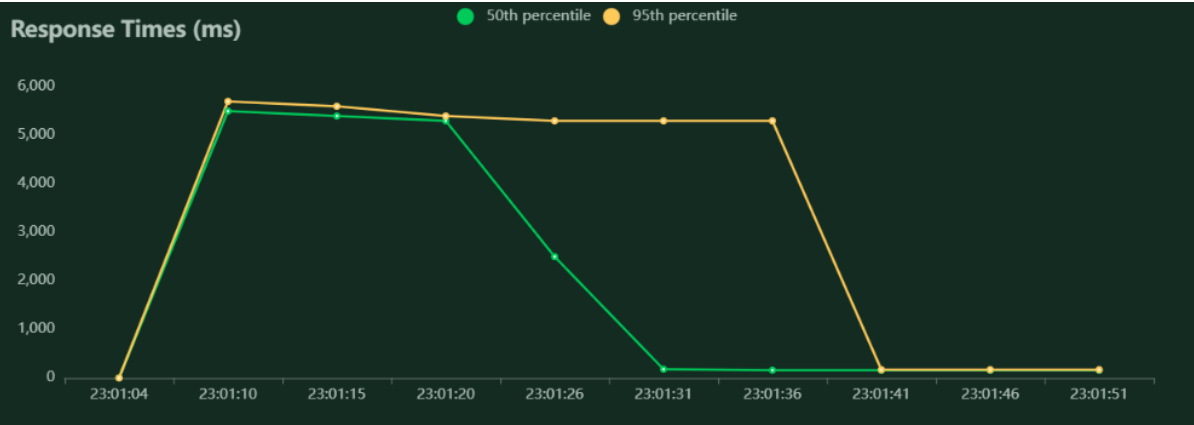| Method	Name	# Requests	# Fails	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	RPS	Failures/s
GET	/v2/user/login? username=ayse23&password=1234	278	0	1089	156	5723	78	5.3	0.0
GET	/v2/user/logout	316	0	986	155	5516	44	6.0	0.0
	Aggregated	**594**	**0**	**1035**	**155**	**5723**	**59**	**11.3**	**0.0**

Response Time Statistics

Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
GET	/v2/user/login? username=ayse23&password=1234	160	170	170	180	5300	5300	5500	5700
GET	/v2/user/logout	160	160	170	180	5300	5400	5500	5500
	Aggregated	**160**	**170**	**170**	**180**	**5300**	**5400**	**5500**	**5700**

Total Requests per Second

Response Times (ms)

Number of Users
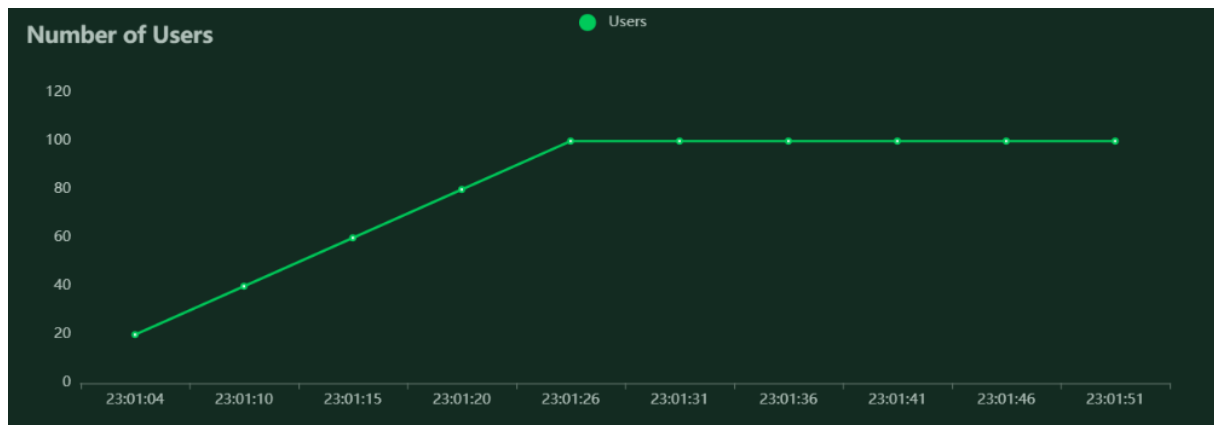
Final ratio

Ratio per User class

- 100.0% MyUser
  - 50.0% get_login
  - 50.0% get_logout

Total ratio

- 100.0% MyUser
  - 50.0% get_login
  - 50.0% get_logout

```python
@task
def get_login(self):
    self.client.get("/v2/user/login?username=ayse23&password=1234")
    self.wait()

@task
def get_logout(self):
    self.client.get("/v2/user/logout")
    self.wait()
```

Locust Test Reports PUT METHODU TESTİ

Locust Test Report

During: 11.01.2024 23:04:00 - 11.01.2024 23:05:15

Target Host: https://petstore.swagger.io

Script: main.py

Request Statistics

Method	Name	# Requests	# Fails	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	RPS	Failures/s
PUT	/v2/user/ayse23	965	0	695	156	5488	48	12.7	0.0
	Aggregated	**965**	**0**	**695**	**156**	**5488**	**48**	**12.7**	**0.0**

Response Time Statistics

Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
PUT	/v2/user/ayse23	170	170	170	170	3000	5300	5300	5500
	Aggregated	**170**	**170**	**170**	**170**	**3000**	**5300**	**5300**	**5500**

Total Requests per Second

Response Times (ms)

Number of Users
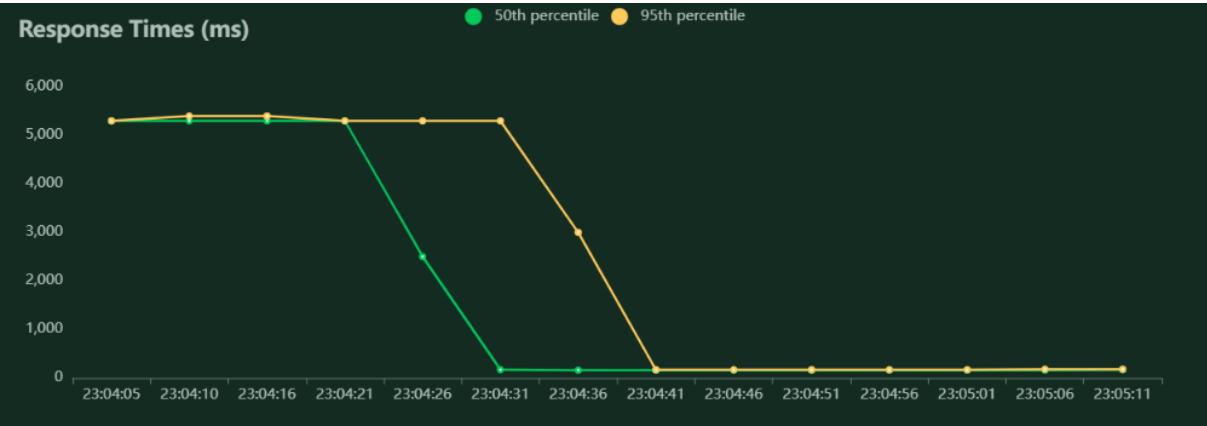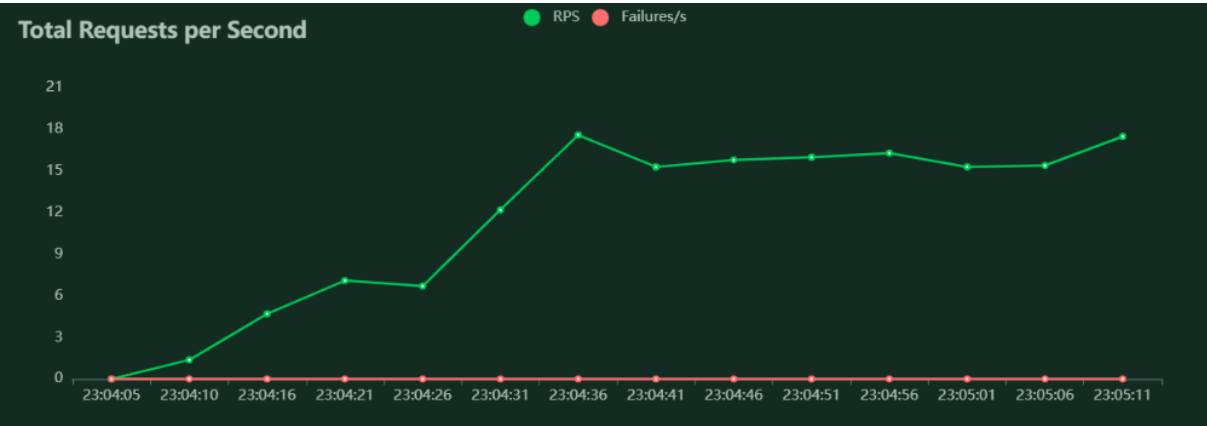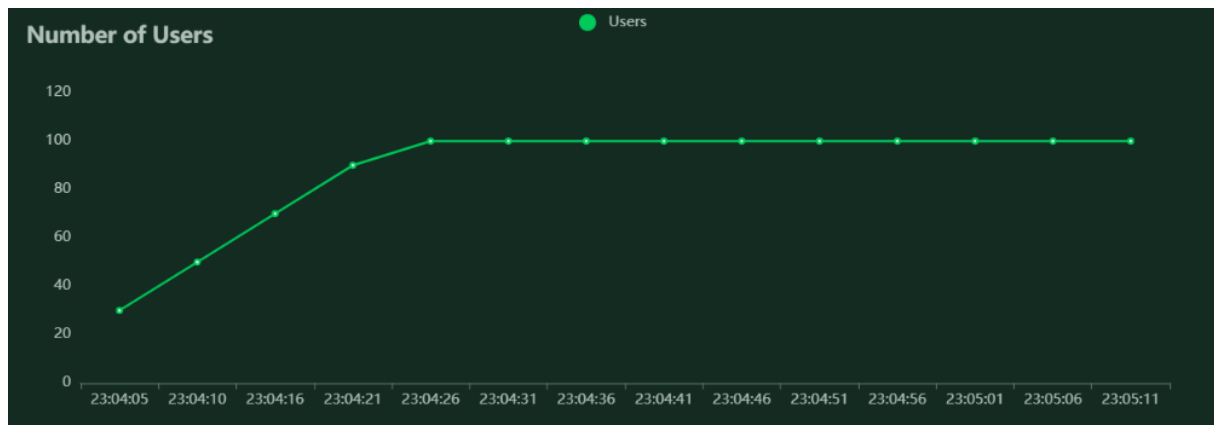
Final ratio

Ratio per User class

- 100.0% MyUser
  - 100.0% put_update_user

Total ratio

- 100.0% MyUser
  - 100.0% put_update_user

```python
@task
def put_update_user(self):
    data = {
        "id": 200070,
        "username": "ayse07",
        "firstName": "ayse45",
        "lastName": "loadtest2",
        "email": "ayseodevdeneme@test.com",
        "password": "454545",
        "phone": "8528528552",
        "userStatus": 0
    }
    self.client.put("/v2/user/ayse23", json=data)
    self.wait()
```

Locust Test Reports POST METHODU TESTİ

Locust Test Report

During: 11.01.2024 23:06:05 - 11.01.2024 23:06:41

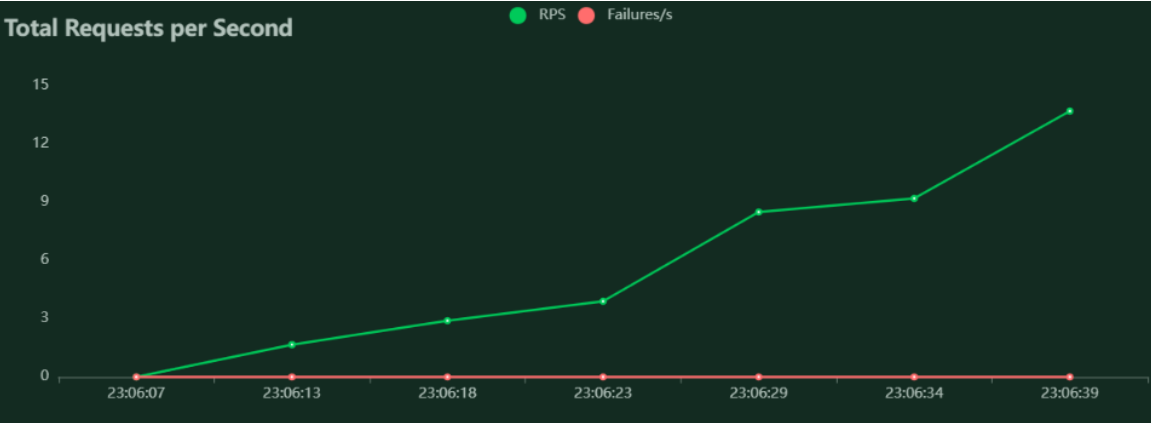**Target Host:** https://petstore.swagger.io

Script: main.py

Request Statistics

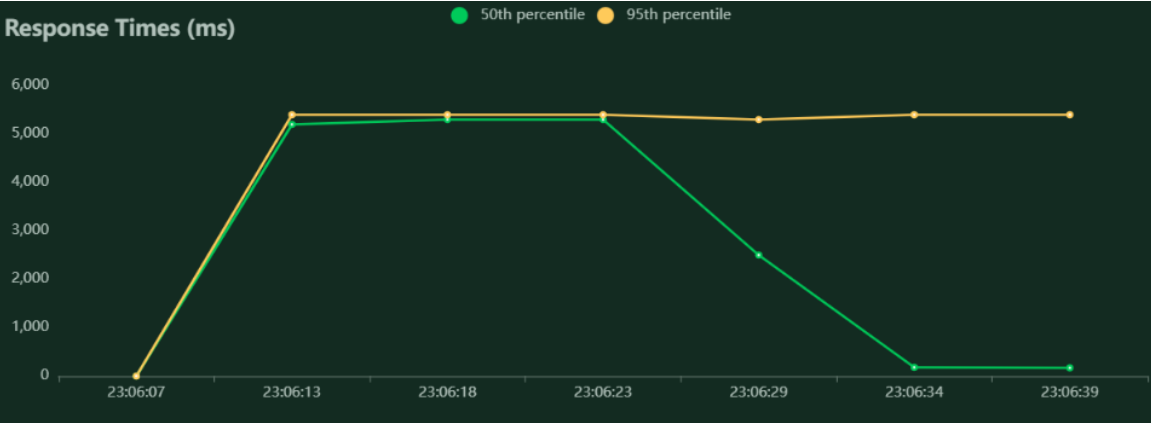| Method	Name	# Requests	# Fails	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	RPS	Failures/s
POST	/v2/user/createWithList	327	0	1713	159	5540	44	9.1	0.0
	Aggregated	**327**	**0**	**1713**	**159**	**5540**	**44**	**9.1**	**0.0**

Response Time Statistics

Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
POST	/v2/user/createWithList	170	180	3100	5300	5300	5400	5500	5500
	Aggregated	**170**	**180**	**3100**	**5300**	**5300**	**5400**	**5500**	**5500**

Number of Users

Final ratio

Ratio per User class

- 100.0% MyUser
    - 100.0% post_create_with_list

Total ratio

- 100.0% MyUser
    - 100.0% post_create_with_list

```python
@task
def post_create_with_list(self):
    data_list = [
    {
        "id": 12346,
        "username": "ayse30",
        "firstName": "ayse",
        "lastName": "loadddtest",
        "email": "odevdeneme@test.com",
        "password": "123",
        "phone": "44440444",
        "userStatus": 0
    },

    {
    "id": 12345,
    "username": "ayse20",
    "firstName": "ayse",
    "lastName": "loadddtest",
    "email": "odevdeneme2@test.com",
    "password": "123",
    "phone": "3330333",
    "userStatus": 0
    }
    ]
    self.client.post("/v2/user/createWithList", json=data_list)
    self.wait()
```