

Document Created By

Randi Nur Ardianto

Sanbercode – QA Automation

30 Juni 2024

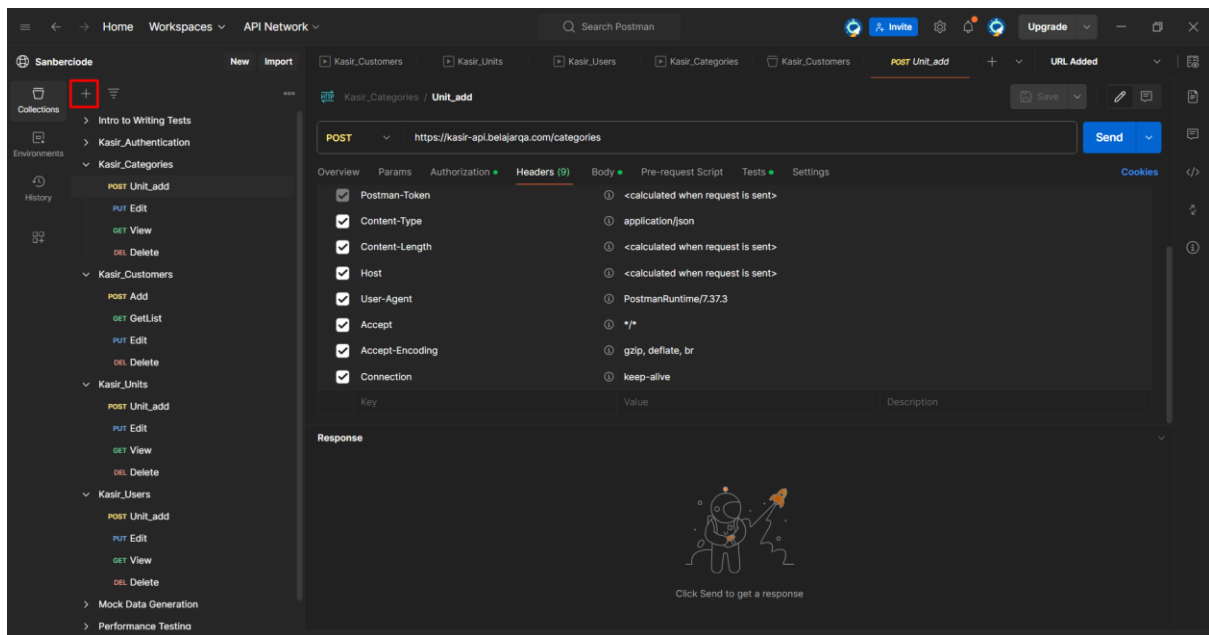
Collection Runners

- Categories
- Customers
- Users
- Units

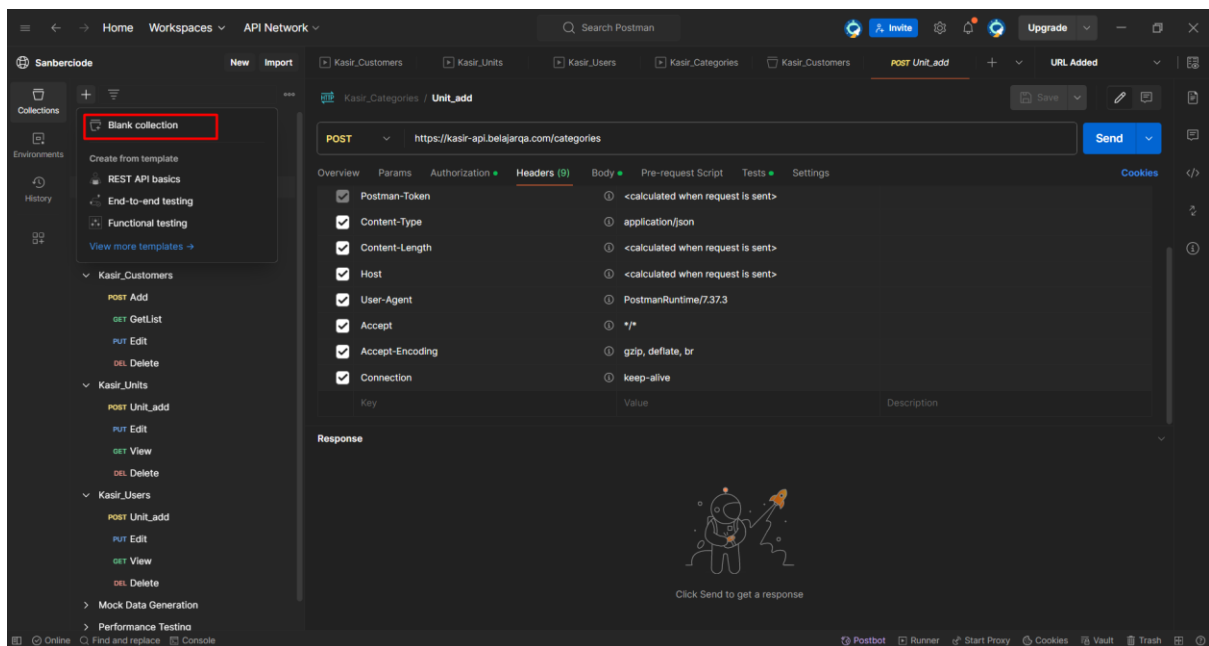
How To Make Code Test

Create Collection

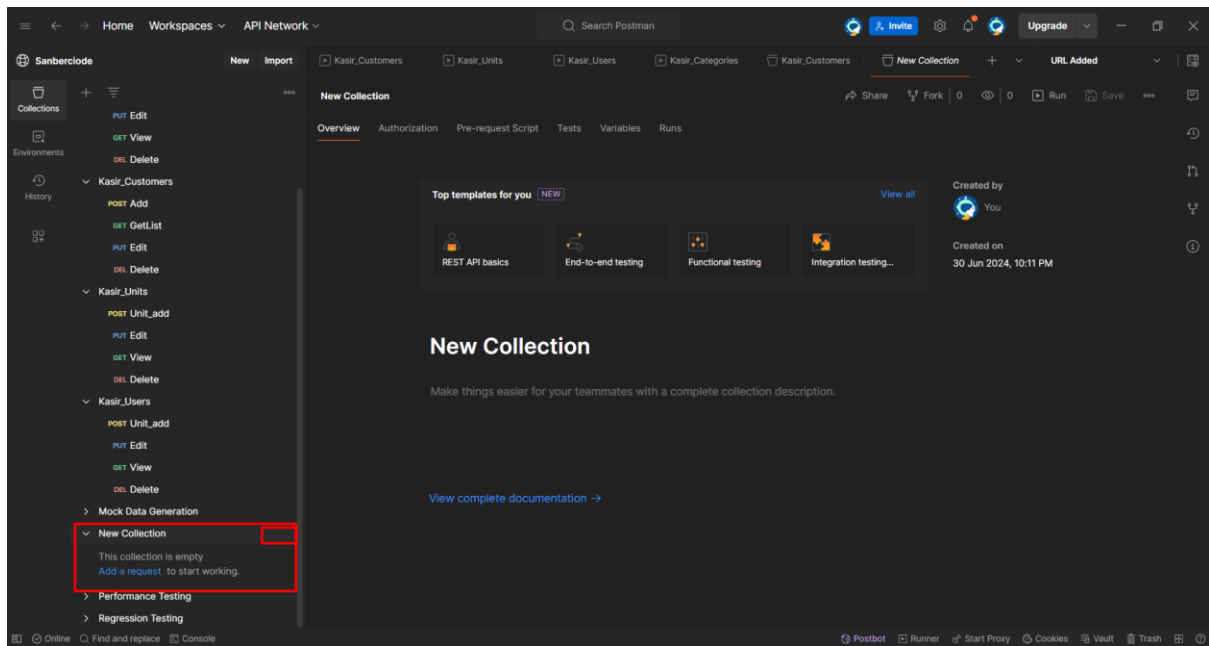
1. Add Collection



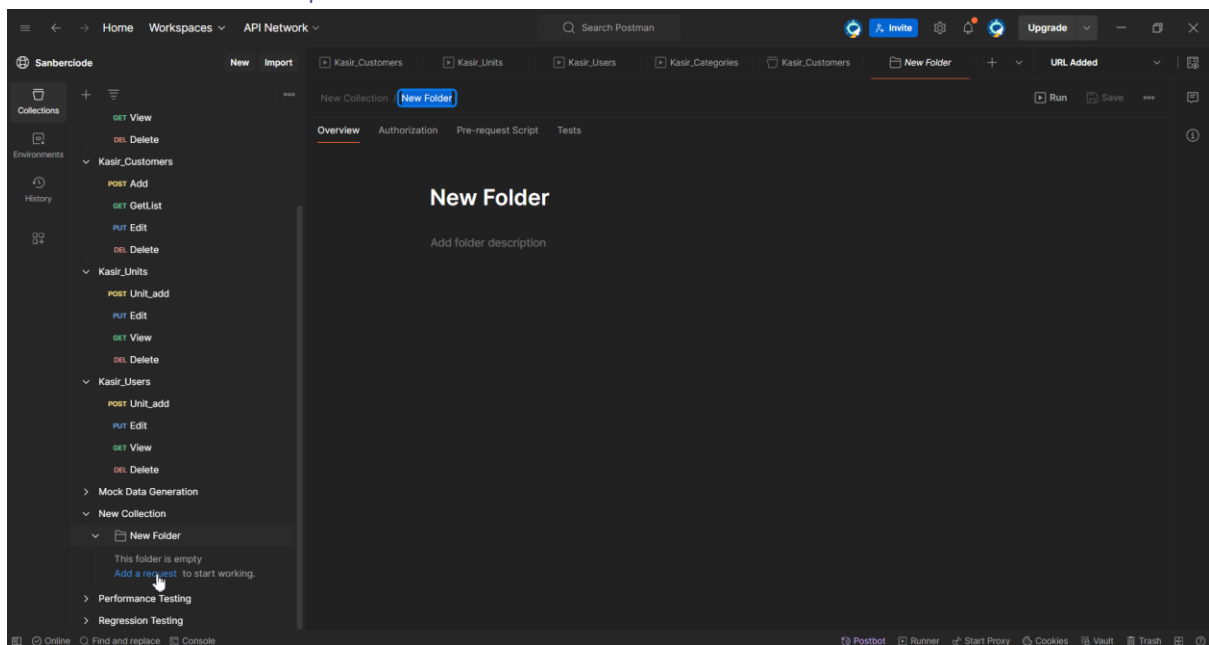
2. Click Black Collection



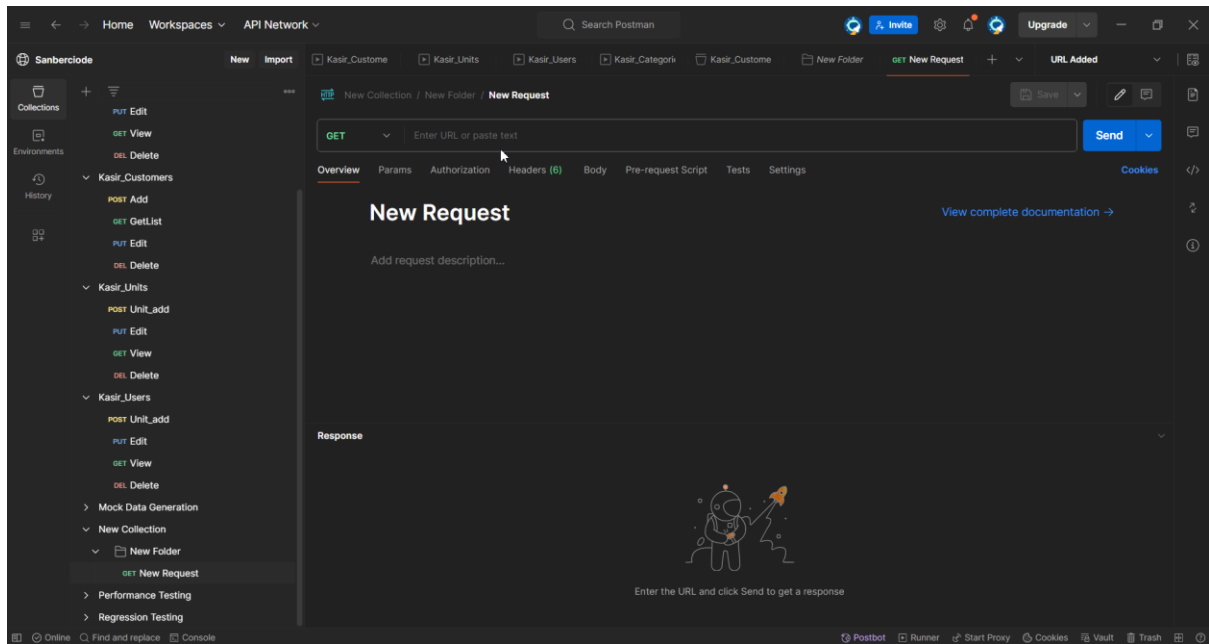
3. Click titik3 & Add Folder



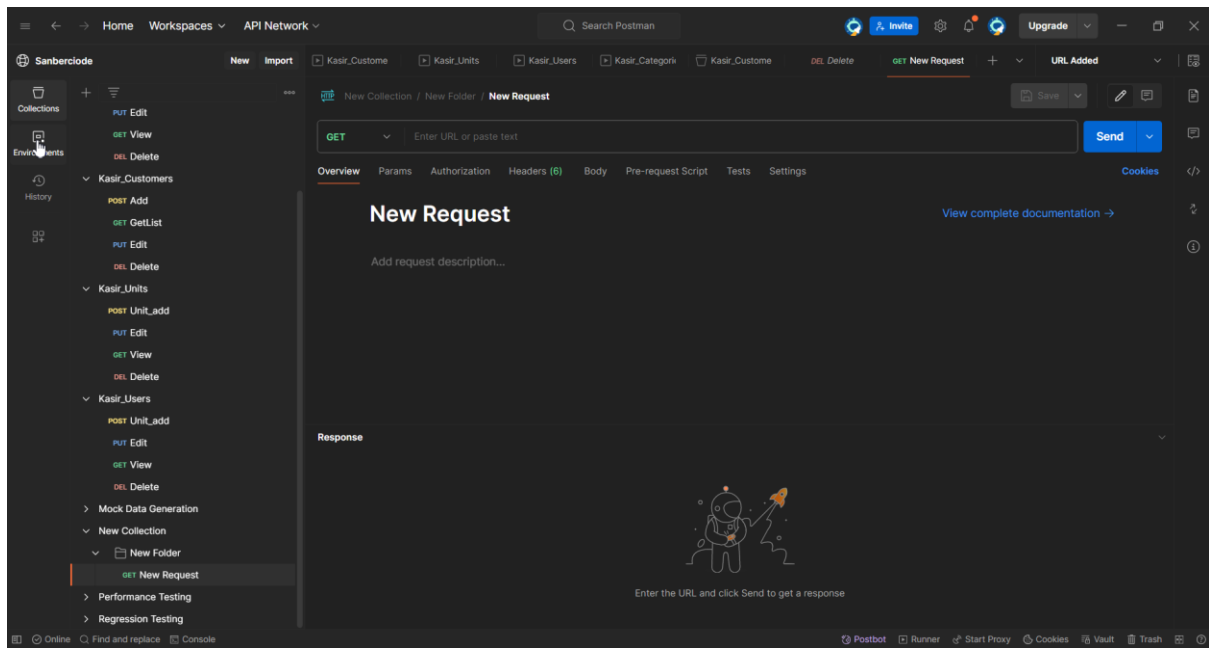
4. Click Add a Request



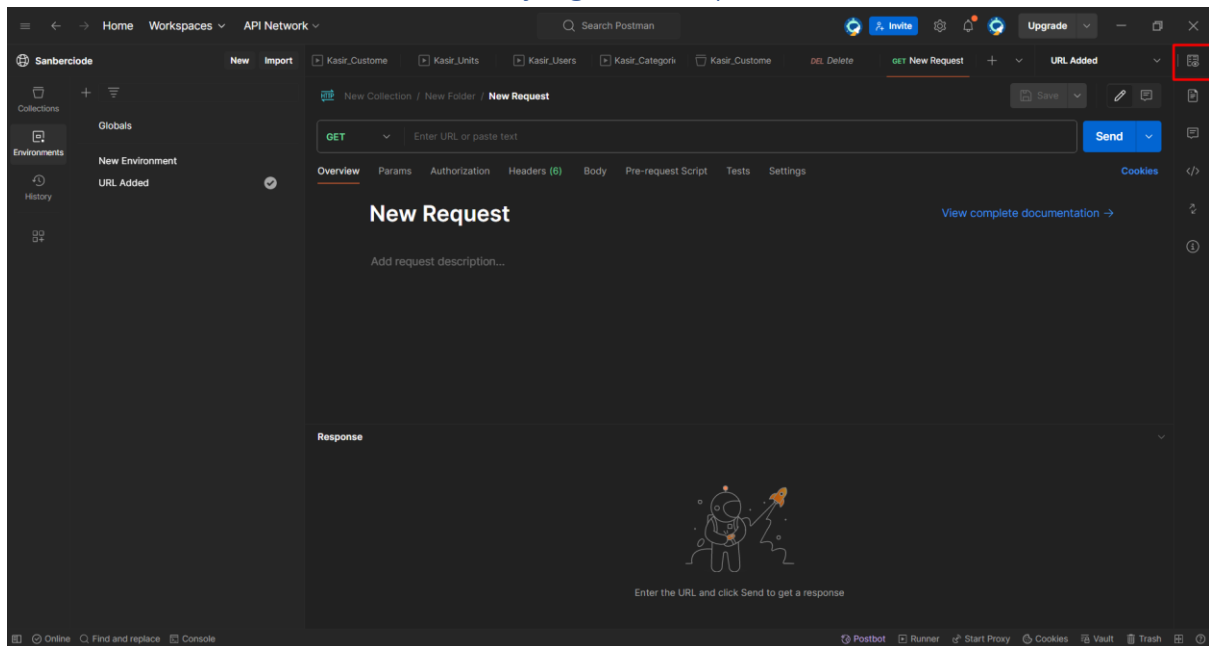
5. Sebelum Memasukkan URL, perlu setting environment dulu, lihat Langkah selanjutnya



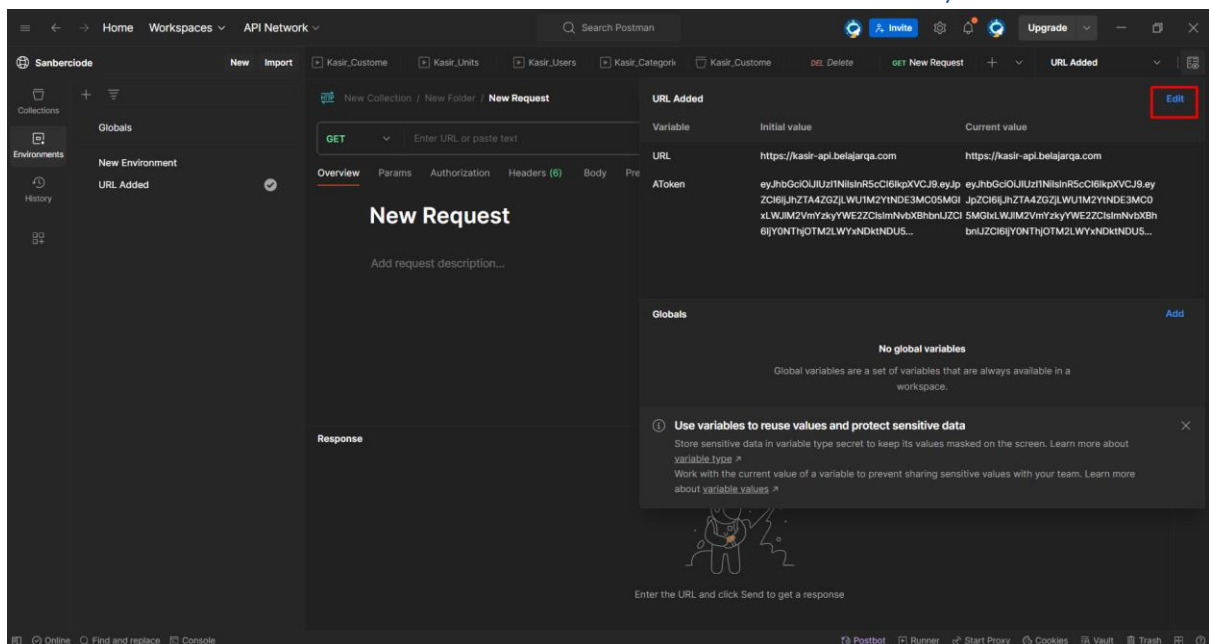
6. Click Environment berikut



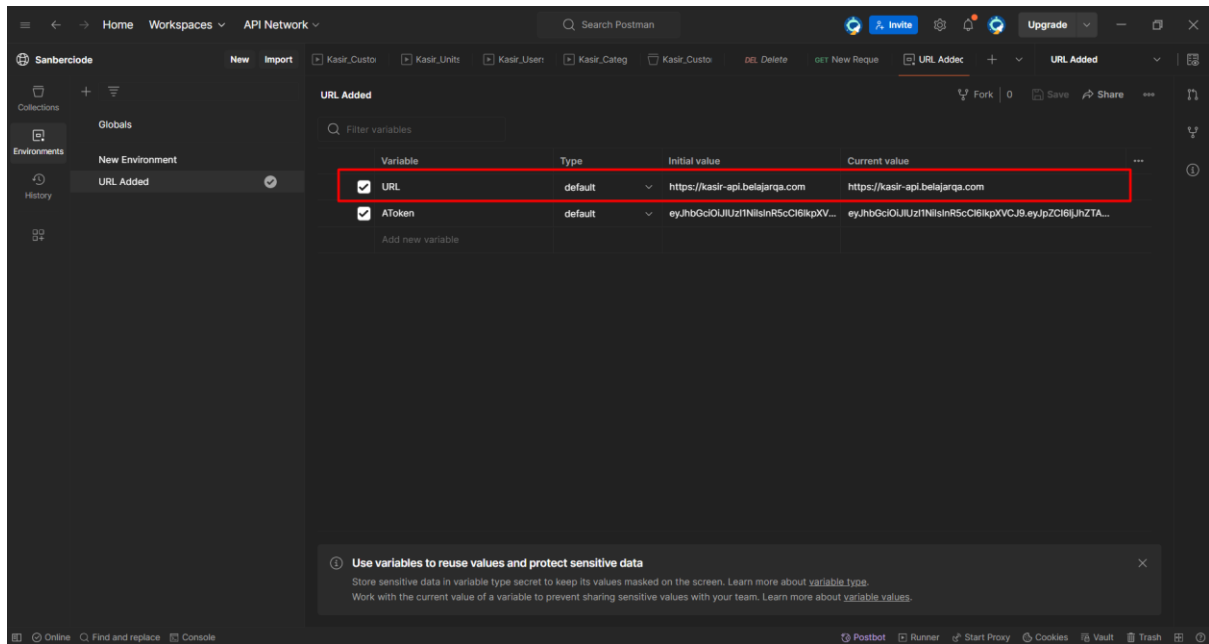
7. Click Button Environment di ujung kanan seperti kotak merah



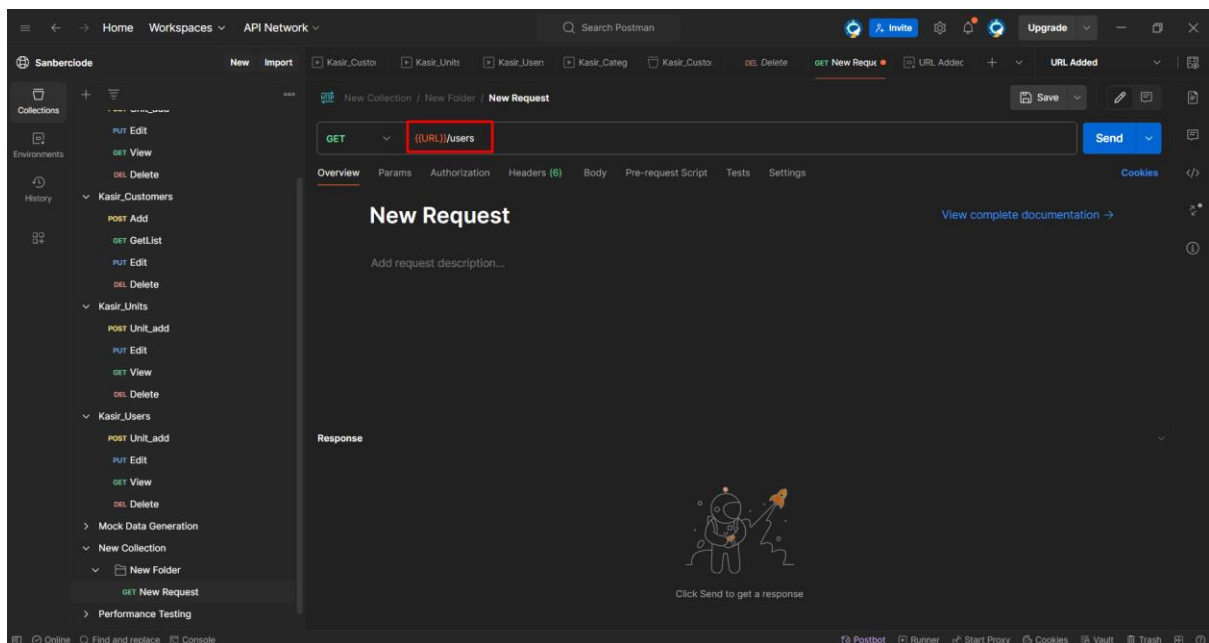
8. Click Edit Environment untuk ditambahkan atribut didalamnya



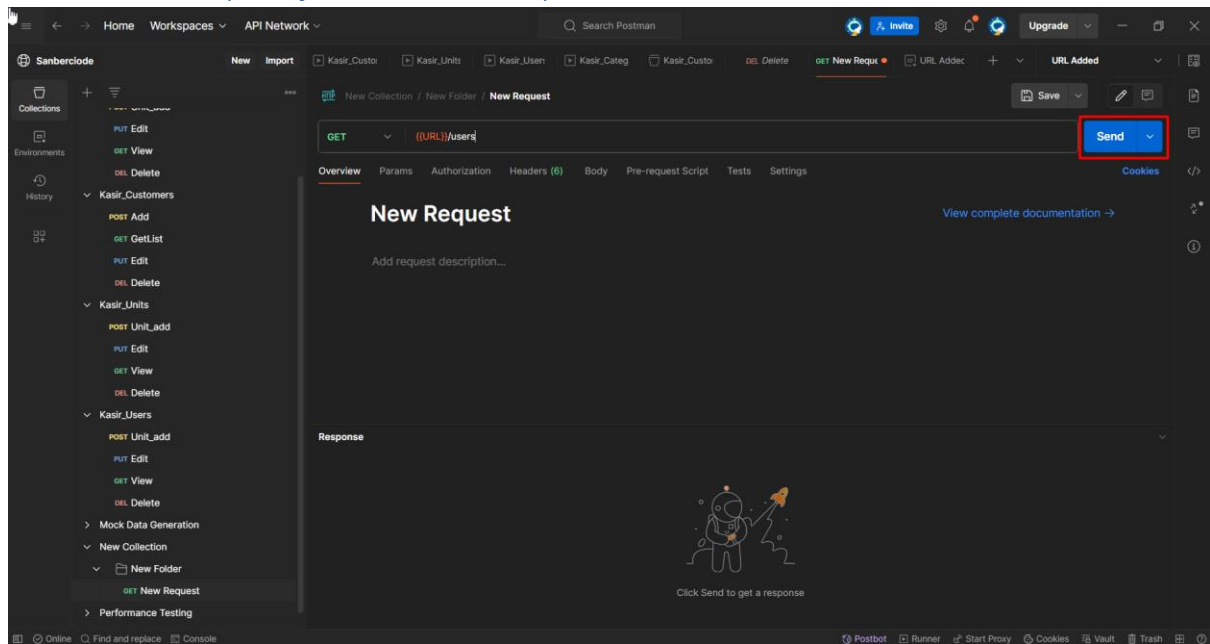
9. Tambahkan “URL” untuk dapat akses url wajib didalam Postman agar lebih dinamis



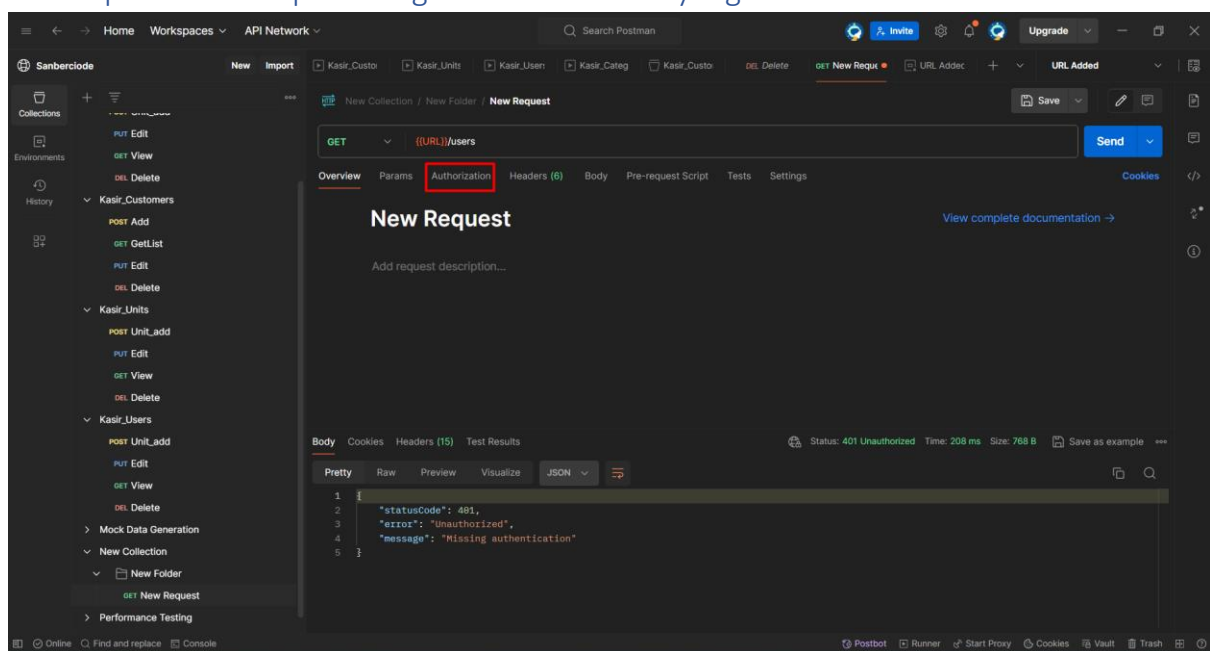
10. Lalu Masukkan URL didalam method Postman {{URL}} dengan menggunakan Get data Users



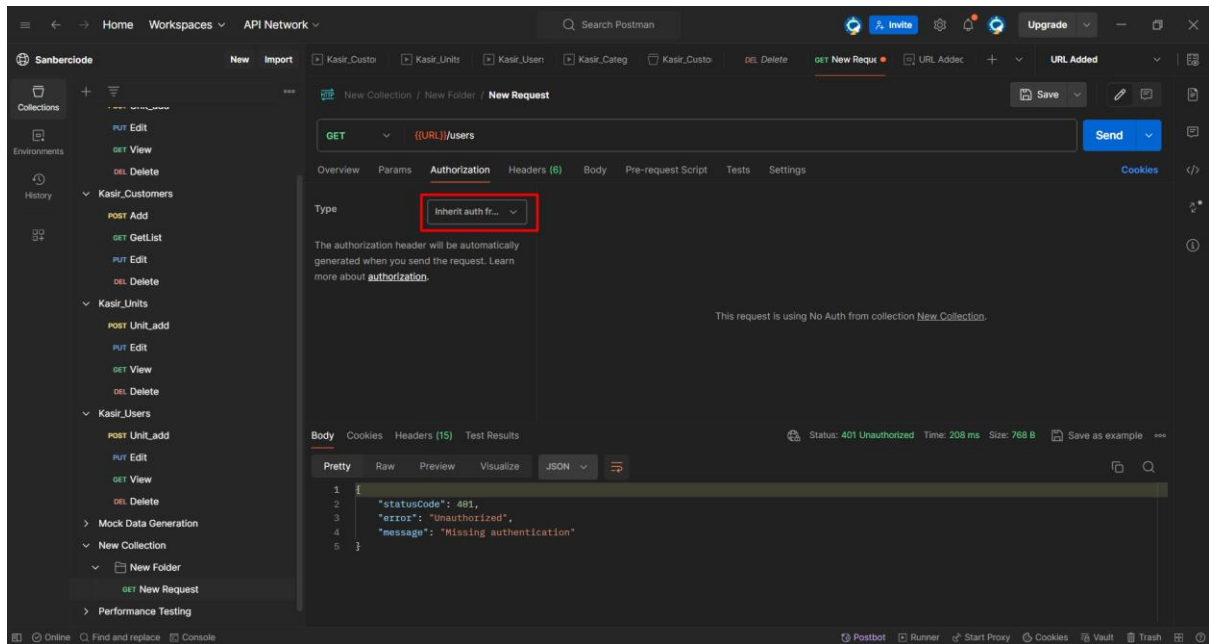
11. Send Request jika Link URL dan path sudah benar



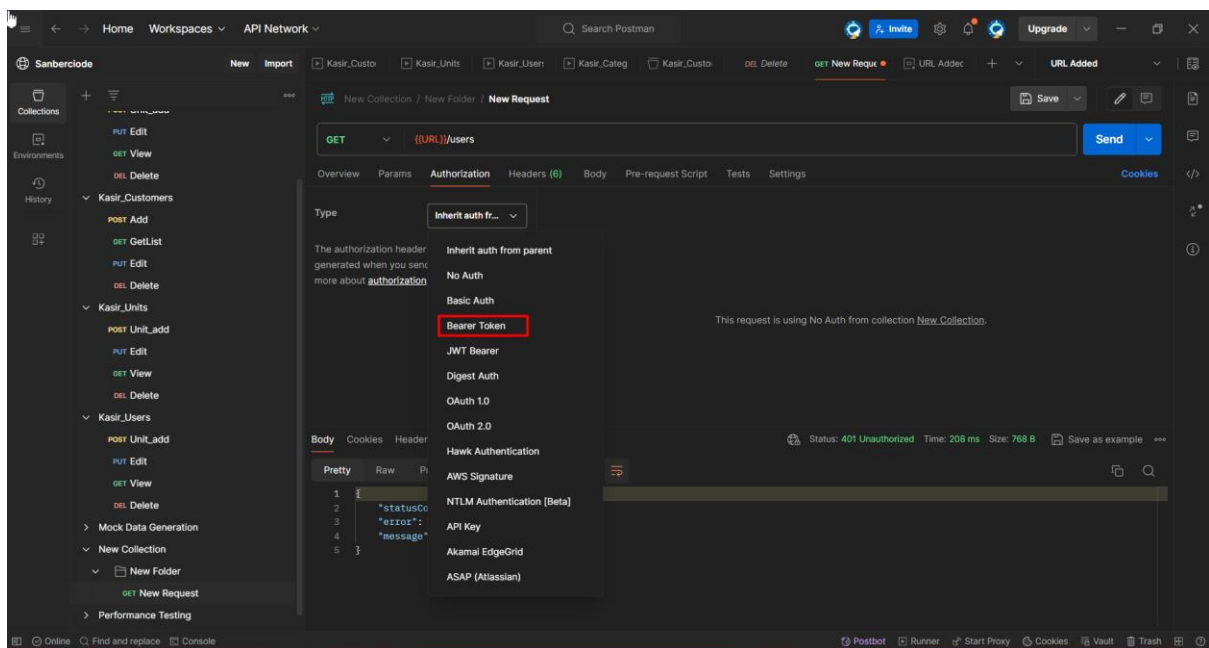
12. Jika menemukan gagal seperti ini, dilanjutkan untuk memeriksa Authorization, pastikan setiap user login memiliki Token yang sesuai



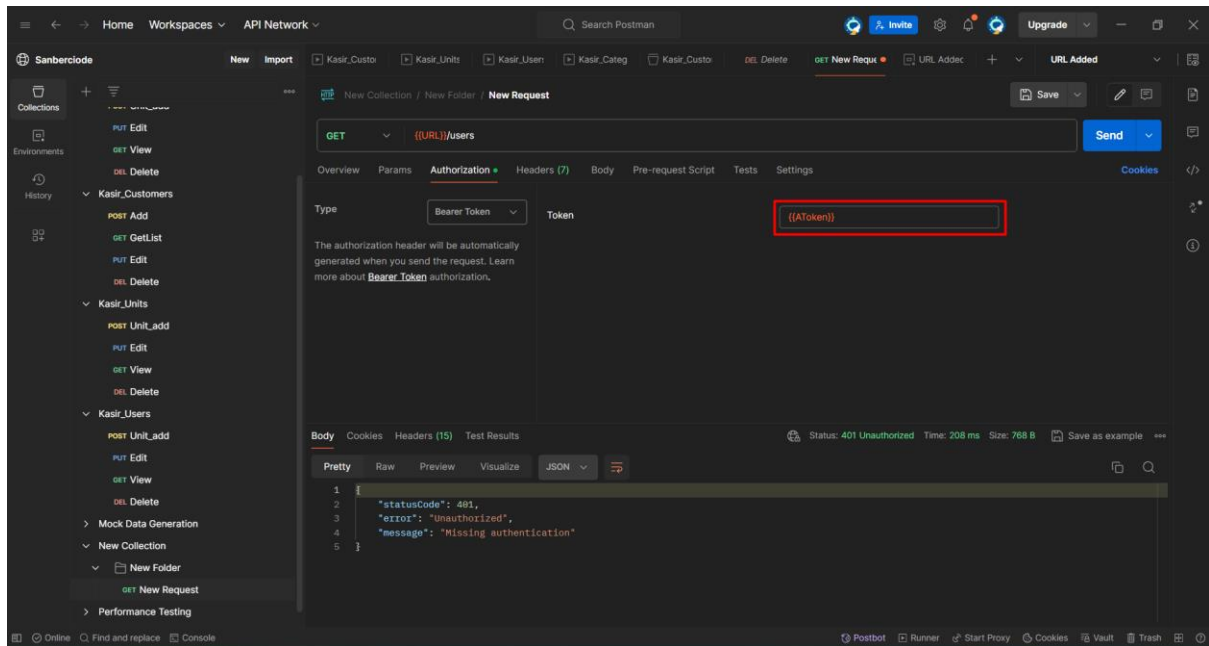
13. Rubah Dropdownlist kategori menjadi Bearer Token, dengan menekan Dropdown berikut



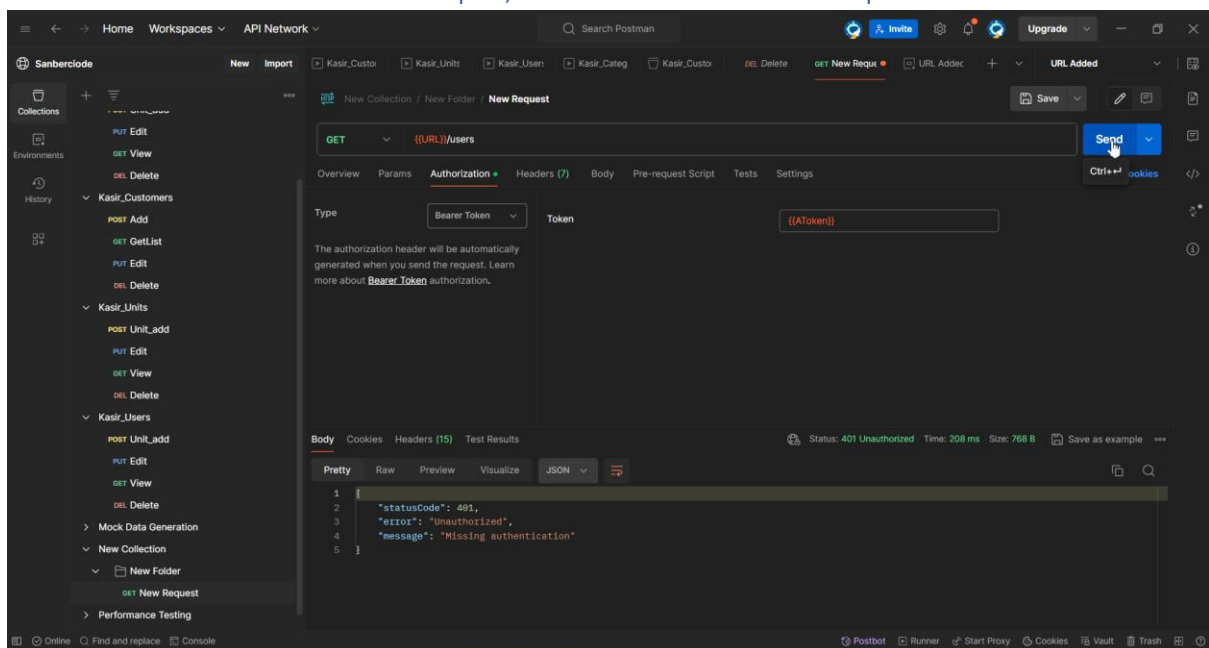
14. Pilih Bearir Token



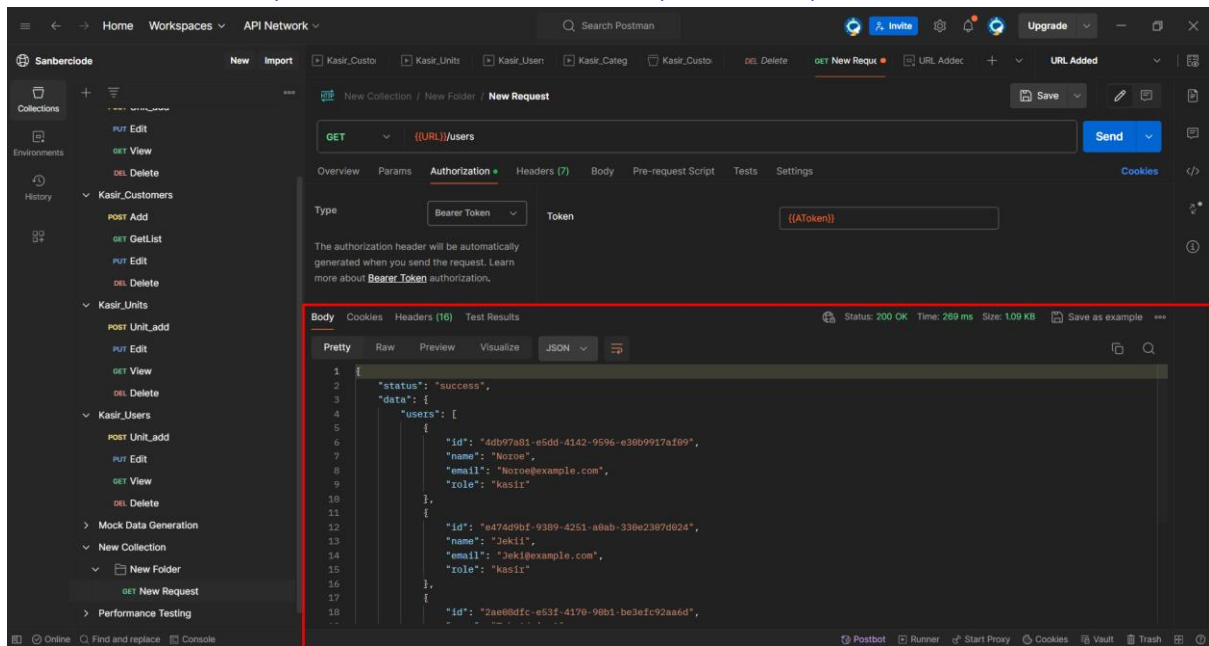
15. Lalu Isikan Access Token yang sudah di generate, dan dimasukkan ke dalam Environment dengan step URL Tadi



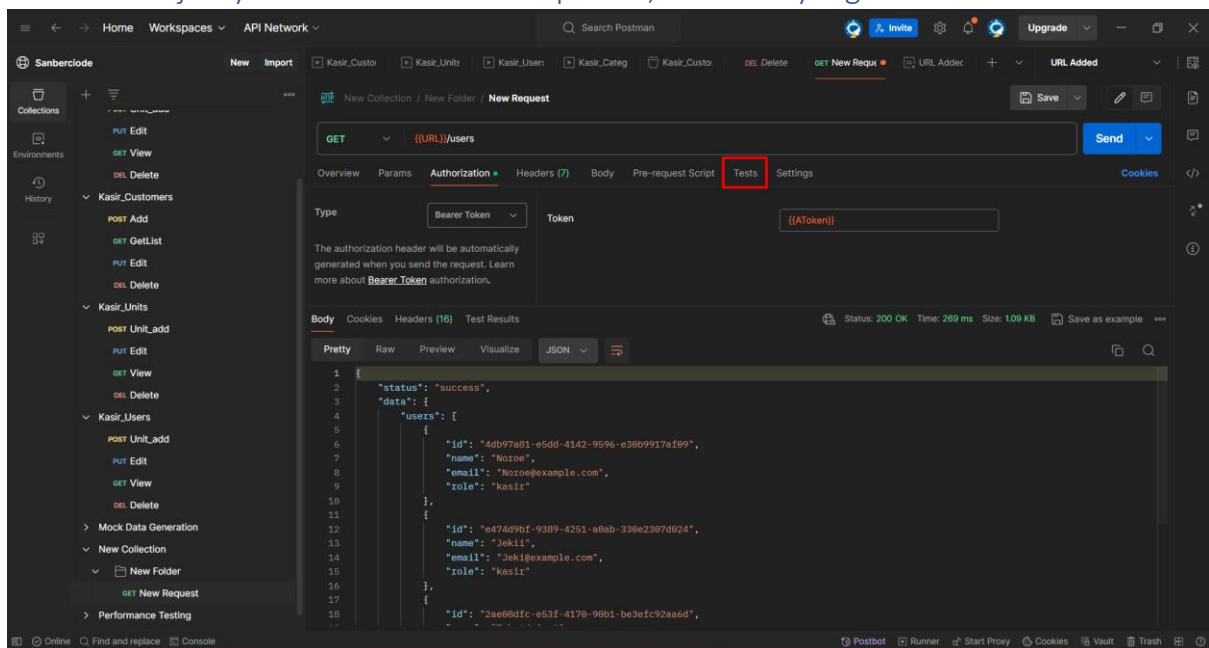
16. Setelah Access Token Diinput, Bisa melakukan Send Request Kembali



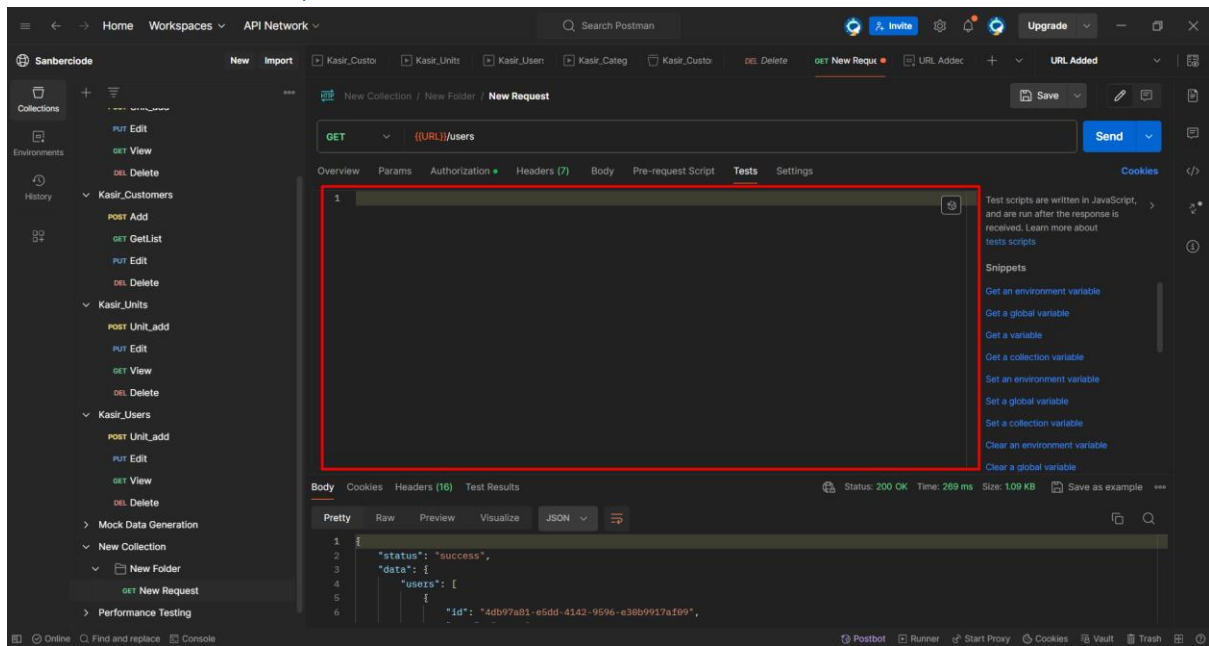
17. Maka Hasilnya akan Berhasil dan mendapatkan Response 200



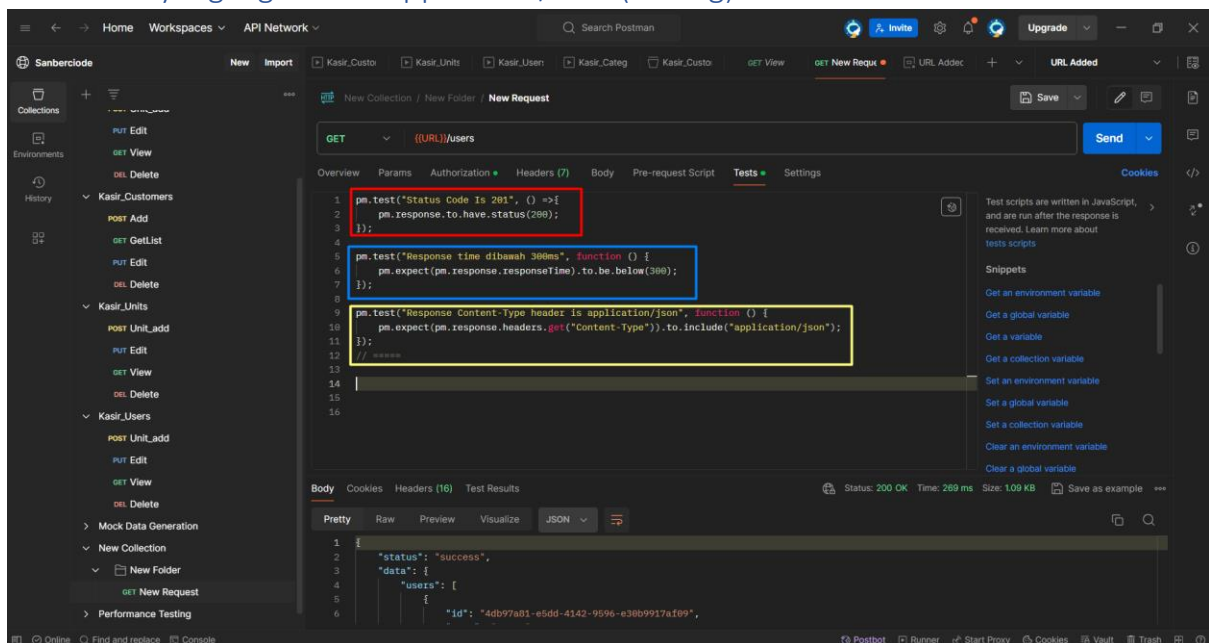
18. Selanjutnya Akan melakukan Script Test, bisa click yang sudah dikotakin



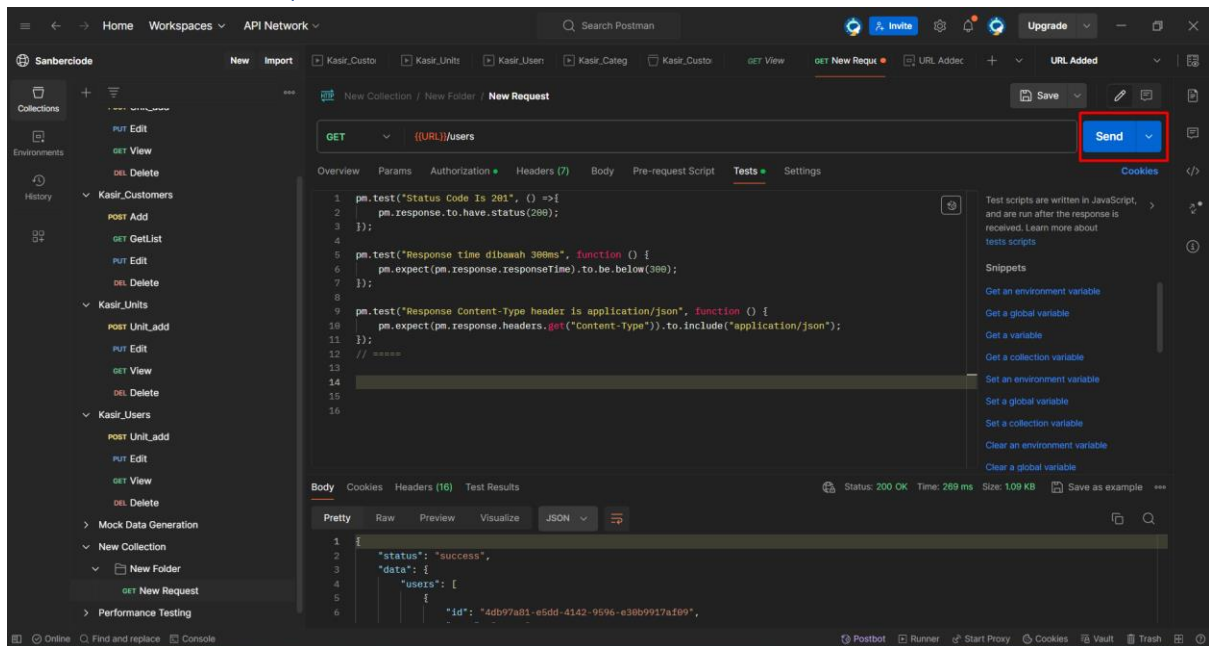
19. Lalu isikan script didalam kotak ini



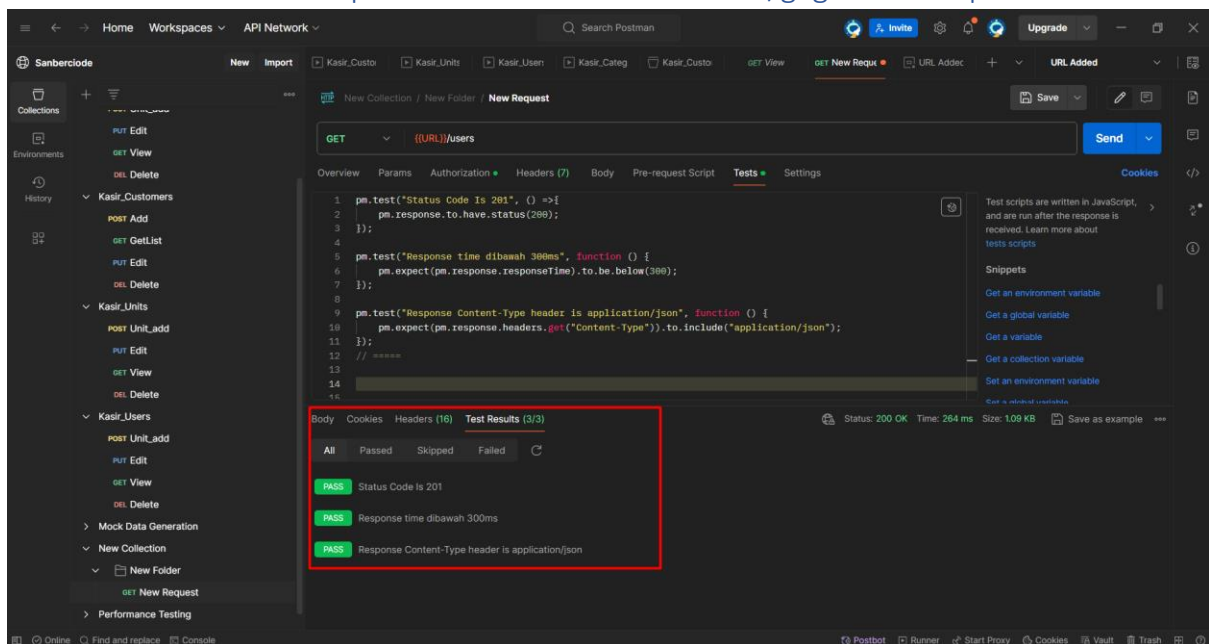
20. Test Script sudah terisi terbagi menjadi 3, yaitu untuk memastikan Response mendapatkan 200 (merah), Response Time Tidak melebihi 300ms (Biru), Type File yang digunakan Application/Json (Kuning)



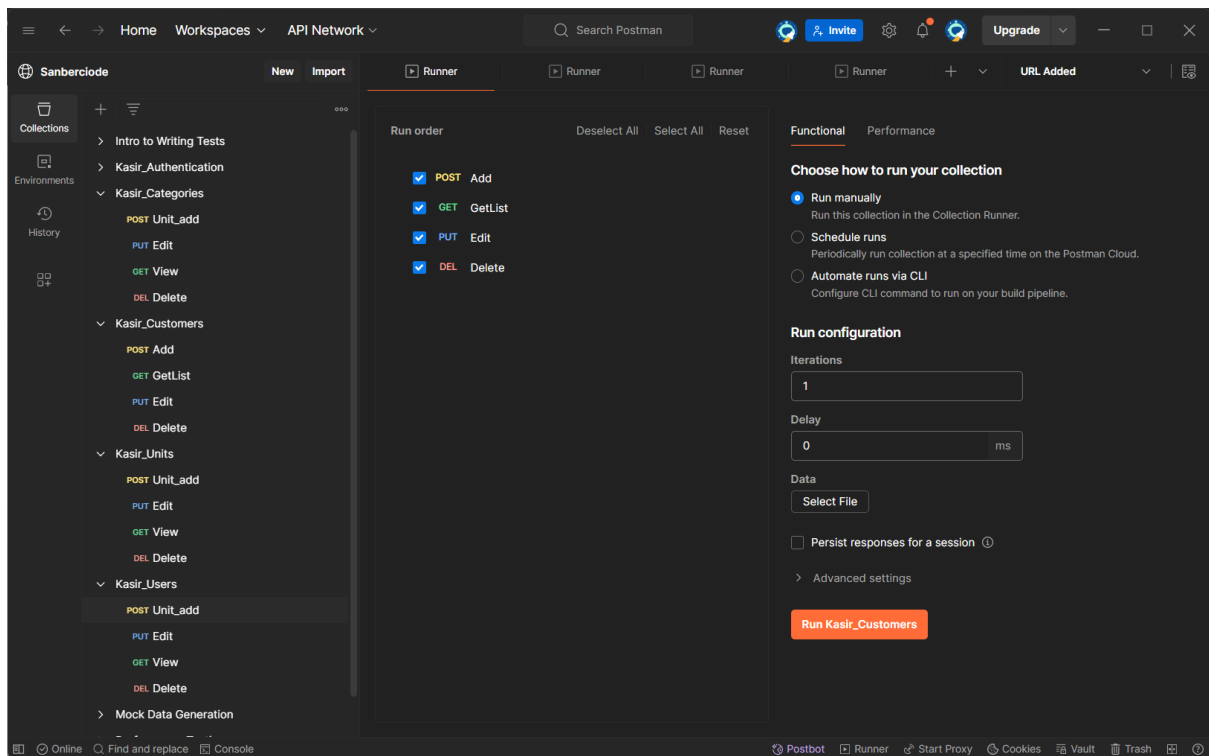
21. Lalu Send Request Kembali



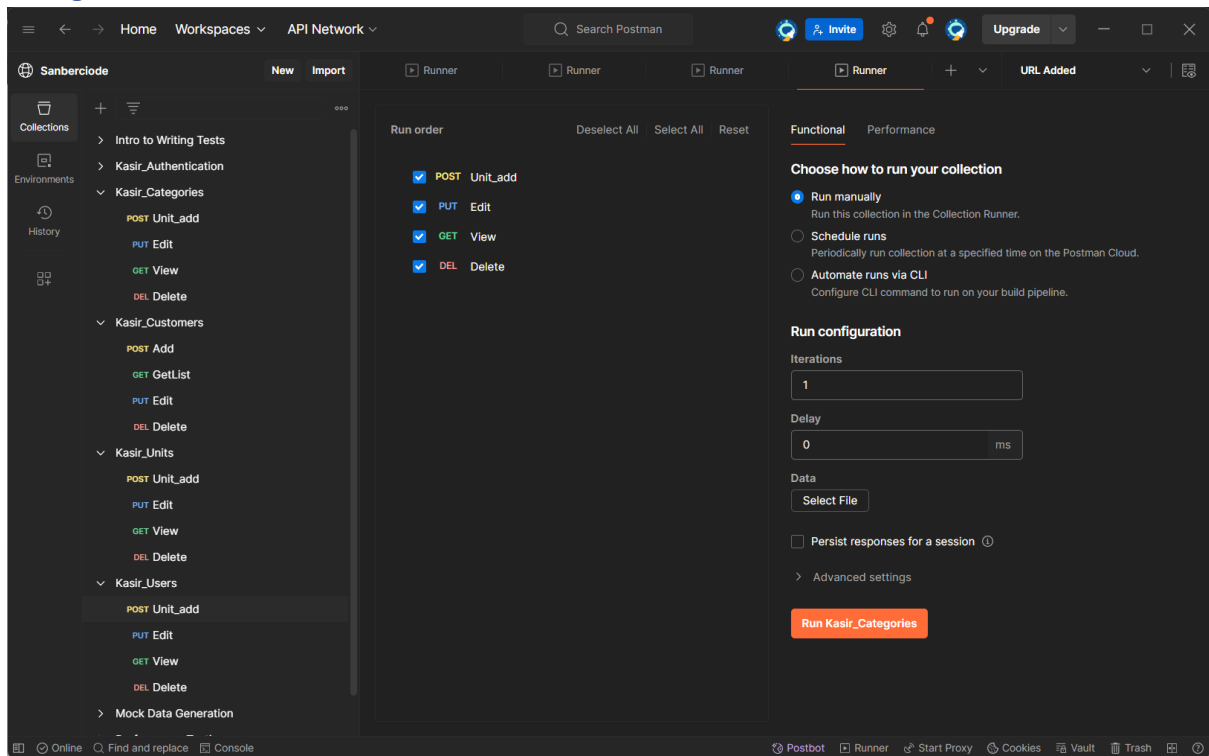
22. Maka Postman dapat memberikan hasil berhasil/gagal dari script



Before Runners Collection 1 by 1 Customers



Categories



Users

The screenshot displays the Postman application interface. On the left sidebar, the 'Collections' section is expanded, showing a tree structure of API collections. The 'Kasir_Users' collection is selected, and its 'POST Unit_add' endpoint is highlighted. The main panel shows the 'Run' configuration for this endpoint. The 'Run order' section lists the endpoints to be executed: POST Unit_add, PUT Edit, GET View, and DEL Delete. The 'Functional' tab is active, showing options to 'Choose how to run your collection'. The 'Run manually' option is selected. The 'Run configuration' section shows the 'Iterations' set to 1 and the 'Delay' set to 0 ms. A 'Run Kasir_Users' button is visible at the bottom right of the configuration panel.

Sanberciode

Home Workspaces API Network

Search Postman

Invite Upgrade

Runner Runner Runner Runner URL Added

Run order Deselect All Select All Reset

☒ POST Unit_add

☒ PUT Edit

☒ GET View

☒ DEL Delete

Functional Performance

Choose how to run your collection

☒ Run manually
Run this collection in the Collection Runner.

☐ Schedule runs
Periodically run collection at a specified time on the Postman Cloud.

☐ Automate runs via CLI
Configure CLI command to run on your build pipeline.

Run configuration

Iterations
1

Delay
0 ms

Data
Select File

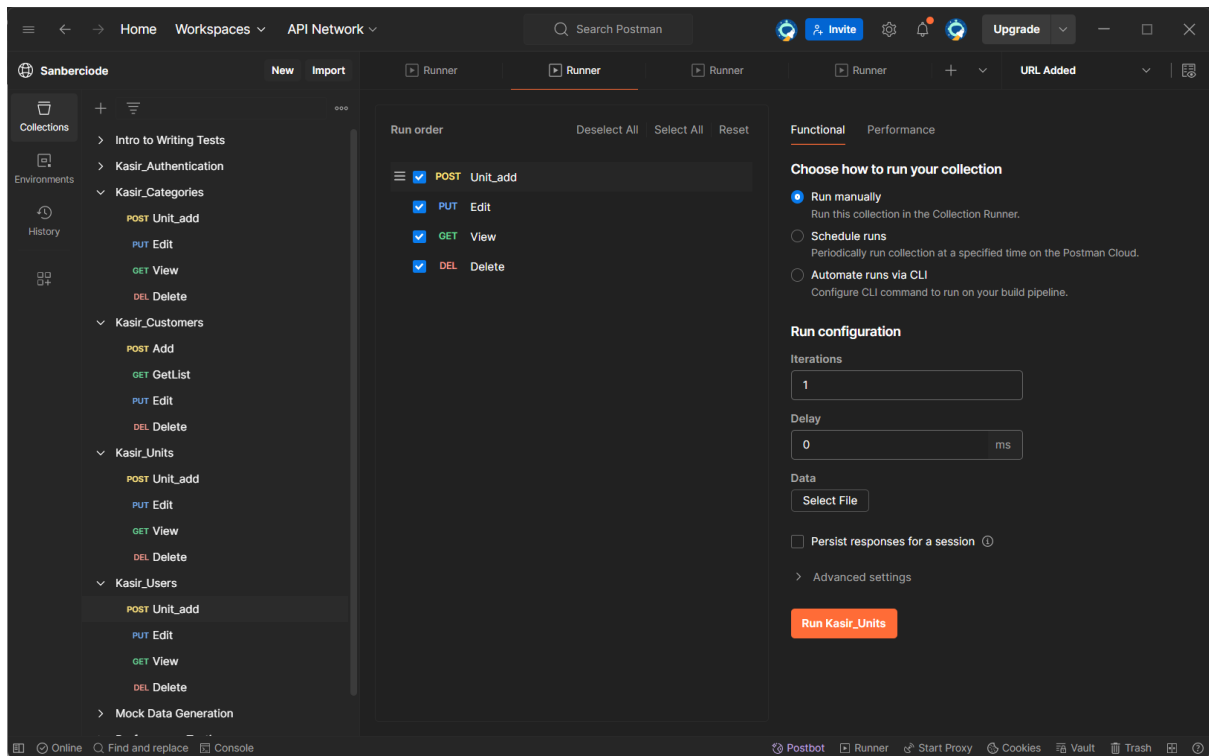
☐ Persist responses for a session ⓘ

> Advanced settings

Run Kasir_Users

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash

Units



AFTER Running Code Collection 1 by 1 Customers

The image displays two screenshots of the Sanbercode Postman interface, showing the results of API tests for a collection named 'Kasir_Customers'.

Top Screenshot: The interface shows the 'Kasir_Customers - Run results' for a run at 22:03:15. The summary table indicates 12 tests passed, 0 failed, and 0 skipped. The tests include:

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 151ms	12	100 ms

The test results are as follows:

- POST Add:** `https://kasir-api.belajarga.com/customers`. Status Code: 201 Created. Response time: 174 ms. 799 B. Tests passed: Status Code is 201, Response time dibawah 300ms, Response Content-Type header is application/json.
- GET GetList:** `https://kasir-api.belajarga.com/customers`. Status Code: 200 OK. Response time: 114 ms. 1.075 KB. Tests passed: Status Code is 200, Response time dibawah 300ms, Response Content-Type header is application/json.
- PUT Edit:** `https://kasir-api.belajarga.com/customers/540b9745-b440-43ff-87f1-71b456748e41`. Status Code: 200 OK. Response time: 58 ms. 523 B. Tests passed: Status Code is 200, Response time dibawah 300ms, Response Content-Type header is application/json.
- DELETE Delete:** `https://kasir-api.belajarga.com/customers/540b9745-b440-43ff-87f1-71b456748e41`. Status Code: 200 OK. Response time: 54 ms. 508 B. Tests passed: Status Code is 200, Response time dibawah 300ms, Response Content-Type header is application/json.

Bottom Screenshot: This screenshot shows the same interface but with a run at 22:03:15. The summary table indicates 12 tests passed, 0 failed, and 0 skipped. The tests include:

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 151ms	12	100 ms

The test results are as follows:

- POST Add:** `https://kasir-api.belajarga.com/customers`. Status Code: 201 Created. Response time: 174 ms. 799 B. Tests passed: Status Code is 201, Response time dibawah 300ms, Response Content-Type header is application/json.
- GET GetList:** `https://kasir-api.belajarga.com/customers`. Status Code: 200 OK. Response time: 114 ms. 1.075 KB. Tests passed: Status Code is 200, Response time dibawah 300ms, Response Content-Type header is application/json.
- PUT Edit:** `https://kasir-api.belajarga.com/customers/540b9745-b440-43ff-87f1-71b456748e41`. Status Code: 200 OK. Response time: 58 ms. 523 B. Tests passed: Status Code is 200, Response time dibawah 300ms, Response Content-Type header is application/json.
- DELETE Delete:** `https://kasir-api.belajarga.com/customers/540b9745-b440-43ff-87f1-71b456748e41`. Status Code: 200 OK. Response time: 54 ms. 508 B. Tests passed: Status Code is 200, Response time dibawah 300ms, Response Content-Type header is application/json.

Units

Kasir_Units - Run results
Run today at 22:05:46 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 255ms	12	112 ms

All Tests Passed (10) Failed (2) Skipped (0) [View Summary](#)

POST Unit_Add
https://kasir-api.belajarqa.com/units/2024d0eb-a3ac-4f87-a31c-58506b6f7246 200 OK 67 ms 521 B

- PASS Status Code Is 200
- PASS Response time dibawah 300ms
- PASS Response Content-Type header is application/json

PUT Edit
https://kasir-api.belajarqa.com/units/2024d0eb-a3ac-4f87-a31c-58506b6f7246 200 OK 124 ms 1.334 KB

- FAIL Status Code Is 201 | AssertionError: expected response to have status code 201 but got 200
- PASS Response time dibawah 300ms
- PASS Response Content-Type header is application/json

DELETE Delete
https://kasir-api.belajarqa.com/units/2024d0eb-a3ac-4f87-a31c-58506b6f7246 200 OK 70 ms 508 B

- FAIL Status Code Is 201 | AssertionError: expected response to have status code 201 but got 200
- PASS Response time dibawah 300ms
- PASS Response Content-Type header is application/json

Kasir_Units - Run results
Run today at 22:05:46 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 255ms	12	112 ms

All Tests Passed (10) Failed (2) Skipped (0) [View Summary](#)

POST Unit_Add
https://kasir-api.belajarqa.com/units 201 Created 187 ms 793 B

- PASS Status Code Is 201
- PASS Response time dibawah 300ms
- PASS Response Content-Type header is application/json

PUT Edit
https://kasir-api.belajarqa.com/units/2024d0eb-a3ac-4f87-a31c-58506b6f7246 200 OK 67 ms 521 B

- PASS Status Code Is 200
- PASS Response time dibawah 300ms
- PASS Response Content-Type header is application/json

GET View
https://kasir-api.belajarqa.com/units 200 OK 124 ms 1.334 KB

- FAIL Status Code Is 201 | AssertionError: expected response to have status code 201 but got 200
- PASS Response time dibawah 300ms
- PASS Response Content-Type header is application/json

DELETE Delete
https://kasir-api.belajarqa.com/units/2024d0eb-a3ac-4f87-a31c-58506b6f7246 200 OK 70 ms 508 B

Sanbercode

NewImport

Kasir_CustomersKasir_UnitsRunnerRunnerKasir_Customers+URL Added

Search Postman

Invite

Upgrade

Collections

Environments

History

Mock Data

Intro to Writing Tests

Kasir_Authentication

Kasir_Categories

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Kasir_Customers

POST Add

GET GetList

PUT Edit

DELETE Delete

Kasir_Units

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Kasir_Users

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Mock Data Generation

Performance Testino

Kasir_Units - Run results

Run today at 22:05:46 - View all runs

Run AgainAutomate Run+ New RunExport Results

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 255ms	12	112 ms

RUN SUMMARY

View Results

POST Unit_Add

3 | 0

PUT Edit

3 | 0

GET View

2 | 1

DELETE Delete

2 | 1

Fail Status Code is 201

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

Fail Status Code is 201

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

Online

Find and replace

Console

Postbot

Runner

Start Proxy

Cookies

Vault

Trash

Users

Sanbercode

NewImport

Kasir_CustomersKasir_UnitsKasir_UsersRunner

Kasir_CustomersURL Added

Run AgainAutomate RunNew RunExport Results

Collections

Intro to Writing Tests

Kasir_Authentication

Kasir_Categories

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Kasir_Customers

POST Add

GET GetList

PUT Edit

DELETE Delete

Kasir_Units

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Kasir_Users

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Mock Data Generation

Performance Testino

OnlineFind and replaceConsole

Kasir_Users - Run results

Run today at 22:06:53 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 794ms	12	181 ms

All TestsPassed (11)Failed (1)Skipped (0)View Summary

POST Unit_Add

https://kasir-api.belajarqa.com/users

201 Created · 494 ms · 792 B

PASSStatus Code Is 201

FAILResponse time dibawah 300ms | AssertionError: expected 494 to be below 300

PASSResponse Content-Type header is application/json

PUT Edit

https://kasir-api.belajarqa.com/users/670acd45-b2cf-4ca7-9394-eb9766816dba

200 OK · 54 ms · 563 B

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

GET View

https://kasir-api.belajarqa.com/users

200 OK · 117 ms · 1.047 KB

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

DELETE Delete

https://kasir-api.belajarqa.com/users/670acd45-b2cf-4ca7-9394-eb9766816dba

200 OK · 58 ms · 532 B

Kasir_Users - Run results

Run today at 22:06:53 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 794ms	12	181 ms

All TestsPassed (11)Failed (1)Skipped (0)View Summary

PUT Edit

https://kasir-api.belajarqa.com/users/670acd45-b2cf-4ca7-9394-eb9766816dba

200 OK · 54 ms · 563 B

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

GET View

https://kasir-api.belajarqa.com/users

200 OK · 117 ms · 1.047 KB

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

DELETE Delete

https://kasir-api.belajarqa.com/users/670acd45-b2cf-4ca7-9394-eb9766816dba

200 OK · 58 ms · 532 B

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

PostbotRunnerStart ProxyCookiesVaultTrash

Sanbercode

Home Workspaces API Network

Search Postman

Sanbercode

New Import

Kasir_Customers Kasir_Units Kasir_Users Runner

URL Added

Run Again Automate Run + New Run Export Results

Kasir_Users - Run results

Run today at 22:06:53 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 794ms	12	181 ms

RUN SUMMARY

View Results

POST Unit_Add

- Pass Status Code Is 201
- Fail Response time dibawah 300ms
- Pass Response Content-Type header is applica...

PUT Edit

- Pass Status Code Is 200
- Pass Response time dibawah 300ms
- Pass Response Content-Type header is applica...

GET View

- Pass Status Code Is 200
- Pass Response time dibawah 300ms
- Pass Response Content-Type header is applica...

DELETE Delete

- Pass Status Code Is 200
- Pass Response time dibawah 300ms

Sanbercode

Home Workspaces API Network

Search Postman

Sanbercode

New Import

Kasir_Customers Kasir_Units Kasir_Users Runner

URL Added

Run Again Automate Run + New Run Export Results

Kasir_Users - Run results

Run today at 22:06:53 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 794ms	12	181 ms

RUN SUMMARY

View Results

POST Unit_Add

- Pass Status Code Is 201
- Fail Response time dibawah 300ms
- Pass Response Content-Type header is applica...

PUT Edit

- Pass Status Code Is 200
- Pass Response time dibawah 300ms
- Pass Response Content-Type header is applica...

GET View

- Pass Status Code Is 200
- Pass Response time dibawah 300ms
- Pass Response Content-Type header is applica...

DELETE Delete

- Pass Status Code Is 200
- Pass Response time dibawah 300ms

Categories

Sanbercode

NewImport

Kasir_Customers

Kasir_Units

Kasir_Users

Kasir_Categories

Kasir_Customers

URL Added

Collections

Intro to Writing Tests

Kasir_Authentication

Kasir_Categories

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Kasir_Customers

POST Add

GET GetList

PUT Edit

DELETE Delete

Kasir_Units

POST Unit_add

PUT Edit

GET View

DELETE Delete

Kasir_Users

POST Unit_add

PUT Edit

GET View

DELETE Delete

Mock Data Generation

Performance Testino

Online

Find and replace

Console

Kasir_Categories - Run results

Run today at 22:07:35View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 94ms	13	108 ms

All TestsPassed (13)Failed (0)Skipped (0)

View Summary

Iteration 1

POST Unit_add

https://kasir-api.belajarqa.com/categories

201 Created 192 ms 808 B

PASSStatus Code Is 201

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

PUT Edit

https://kasir-api.belajarqa.com/categories/d74a66ea-a629-4992-ac89-dae47982db7d

200 OK 64 ms 531 B

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

GET View

https://kasir-api.belajarqa.com/categories

200 OK 101 ms 1.461 KB

PASSStatus Code Is 200

PASSPeriksa apakah pengguna dengan id adalah Makanan Kucing

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

Postbot

Runner

Start Proxy

Cookies

Vault

Trash

Sanbercode

NewImport

Kasir_Customers

Kasir_Units

Kasir_Users

Kasir_Categories

Kasir_Customers

URL Added

Collections

Intro to Writing Tests

Kasir_Authentication

Kasir_Categories

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Kasir_Customers

POST Add

GET GetList

PUT Edit

DELETE Delete

Kasir_Units

POST Unit_add

PUT Edit

GET View

DELETE Delete

Kasir_Users

POST Unit_Add

PUT Edit

GET View

DELETE Delete

Mock Data Generation

Performance Testino

Online

Find and replace

Console

Kasir_Categories - Run results

Run today at 22:07:35View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 94ms	13	108 ms

All TestsPassed (13)Failed (0)Skipped (0)

View Summary

Iteration 1

PUT Edit

https://kasir-api.belajarqa.com/categories/d74a66ea-a629-4992-ac89-dae47982db7d

200 OK 64 ms 531 B

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

GET View

https://kase-api.belajarqa.com/categories

200 OK 101 ms 1.461 KB

PASSStatus Code Is 200

PASSPeriksa apakah pengguna dengan id adalah Makanan Kucing

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

DELETE Delete

https://kase-api.belajarqa.com/categories/0e3c8065-2503-49f9-9a59-a9d66909850c

200 OK 73 ms 508 B

PASSStatus Code Is 200

PASSResponse time dibawah 300ms

PASSResponse Content-Type header is application/json

Postbot

Runner

Start Proxy

Cookies

Vault

Trash

Sanbercode API Network

Kasir_Customers Kasir_Units Kasir_Users **Kasir_Categories** Kasir_Customers URL Added

Kasir_Categories - Run results Run Again Automate Run + New Run Export Results

Run today at 22:07:35 View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 94ms	13	108 ms

RUN SUMMARY View Results

1

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

PUT Edit 3 | 0

Pass Status Code Is 200

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

GET View 4 | 0

Pass Status Code Is 200

Pass Periksa apakah pengguna dengan id adala...

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

DELETE Delete 3 | 0

Pass Status Code Is 200

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

Sanbercode API Network

Kasir_Customers Kasir_Units Kasir_Users **Kasir_Categories** Kasir_Customers URL Added

Kasir_Categories - Run results Run Again Automate Run + New Run Export Results

Run today at 22:07:35 View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	URL Added	1	1s 94ms	13	108 ms

RUN SUMMARY View Results

1

POST Unit_Add 3 | 0

Pass Status Code Is 201

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

PUT Edit 3 | 0

Pass Status Code Is 200

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

GET View 4 | 0

Pass Status Code Is 200

Pass Periksa apakah pengguna dengan id adala...

Pass Response time dibawah 300ms

Pass Response Content-Type header is applica...

DELETE Delete 3 | 0

Pass Status Code Is 200