Test Cases for API testing (https://gorest.co.in/public/v2/users)

Preconditions

1. Open WebSite https://gorest.co.in/

2. The tester should be signed up

3. Use the main URL - https://gorest.co.in/public/v2/users for testing

4. Select request methods accordingly:
POST - create users
GET - get information about users

5. Choose and Enter Content-Type-application/JSON in the BODY

6. Valid credentials:
Name - non-empty, maximum is 200 characters
Email - non-empty
Gender - non-empty, female or male
Status - non-empty, active, or inactive

7. Authentication: Bearer Token - 1c84b358ebdf742053949e00d6604af453d31055b409249431e5640b838a8fc2

8. For paged results parameters "page" and "per_page" should be passed in URL ex: GET /public/v2/users?page=1&per_page=20 (max 100 results per page)

Positive cases

Id	Test	Steps	Expected result
1	Create the new User by entering all valid data (name consists of 4 characters)	Select Request Method - POST Select all necessary Headers URL - https://gorest.co.in/public/v2/users Fill in the fields in the Request body: "id": 0, "name": "Uliana", "email": "uliana123@gmail.com", "gender": "Female", "status": "active" Click the Send button	Code 201 ‘Successful operation’ The entered data and the data in the response body coincide. The new user has received an ID.
2	Create the new User by entering all valid data (name consists of 199 characters)	Select Request Method - POST Select all necessary Headers URL - https://gorest.co.in/public/v2/users Fill in the fields in the Request body: "id": 0, "name": "khhfgjhbmnc,xo;ioihhbwjmxcngvjyshdosmkldnasbjdnbkhwildkshfgfjkkgkhbcyssdkhbjhgufihsbhfjhfhfhbjgbkn,m hcvuwjd;dbjhsgfykfhh", "email": "ku123@gmail.com", "gender": "Female",	Code 201 ‘Successful operation’ The entered data and the data in the response body coincide. The new user has received an ID.

		"status": "active" Click the Send button	
3	Get a user by entering an existing name	Select Request Method - GET Select all necessary Headers URL - https://gorest.co.in/public/v2/users?name=Uliana Click the Send button	Code 200 ‘Successful operation’
4	Get 100 users on the first page	Select Request Method - GET Select all necessary Headers URL: - https://gorest.co.in/public/v2/users?page=1&per_page=100 Click the Send button	Code 200 ‘Successful operation’
5	Get 5 users on the twentieth page	Select Request Method - GET Select all necessary Headers URL - https://gorest.co.in/public/v2/users?page=1&per_page=100 Click the Send button	Code 200 ‘Successful operation’

Negative cases

Id	Summary	Steps	Expected result
1	Create a new User by entering all valid data and **Select Request Method - GET**	Select Request Method - GET Select all necessary Headers URL: https://gorest.co.in/public/v2/users Fill in the fields in the Request body: "id": 0, "name": "Mona", "email": "mona123@gmail.com", "gender": "Female", "status": "active" Click the Send button	Code 400 ‘Bad request’ bug(code 200)
2	Create a new user without using the Bearer Token	Select Request Method - POST Select the required Headers without Bearer Token URL: https://gorest.co.in/public/v2/users Fill in the fields in the Request body: "id": 0, "name": "Liza", "email": "liza123@gmail.com", "gender": "Female", "status": "active" Click the Send button	Code 401 Unauthorized

3	Create a new User by entering in the “name” field 201 character	Select Request Method - POST URL: https://gorest.co.in/public/v2/users Select all necessary Headers Fill in the fields in the Request body: "id” 0, "name": "Ihorhbhdbfmsnhbkjkjhjhabdkjshafybfdjhk;cgdfbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbbhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhhkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkggggggggggggggggggggggggggggggggggggggggggggggfffffffffffffffffffffffffffffffffffffffffffff.......................kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiidddddddddddddddddddddddddddddddddddddddddddddddddddddddddddddyyyyyyyyyyyyyyyyyy", "email": "ihor123@gmail.com", "gender": "male", "status": "active" Click the Send button	Code 422 Unprocessable Entity Error in the body: Max length of the “name” field is 200 characters
4	Create the user with an empty “Email” field	Select Request Method - GET Select all necessary Headers URL: https://gorest.co.in/public/v2/users Fill in the fields in the Request body: "id": 0, "name": "Liza", "email": "", "gender": "Female",	Code 422 Unprocessable Entity Error in the body: The “Email” field can not be empty

		"status": "active" Click the Send button	
5	Get users page=10&per_page = 101	Select Request Method - GET Select all necessary Headers URL: https://gorest.co.in/public/v2/users?page=10&per_page = 101 Click the Send button	Code 400 ‘Bad request’
6	Get the users with an invalid URL	Select Request Method - GET Select all necessary Headers URL: https://gorest.co.in//v2/users Click the Send button	ERROR - Could not send request

Flow testing (using valid data only, checking the smooth test chain processing)

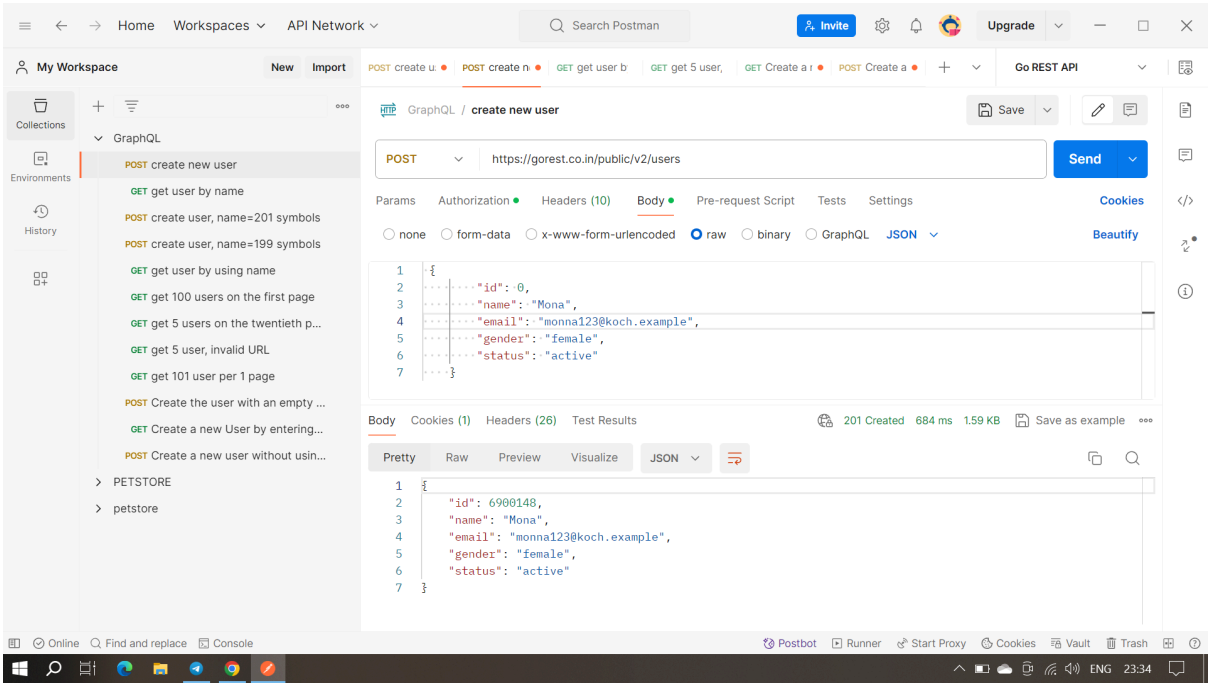
Id	Summary	Test chain description	Server response, expected result
1.	Create the new User by entering all valid data	Select Request Method - POST Select all necessary Headers URL - https://gorest.co.in/public/v2/users Fill in the fields in the Request body: "id": 0, "name": "Misha", "email": "mki123@gmail.com", "gender": "male", "status": "active" Click the Send button	Code 200 'Successful operation' The entered data and the data in the response body coincide. The new user has received an ID.
2	Get this user by using a username	Select Request Method - GET Select all necessary Headers URL - https://gorest.co.in/public/v2/users?name=misha Click the Send button	Code 200 'Successful operation' The user exist and has a unique Id
3	Update this user by changing the `name` field	Select Request Method - PUT Select all necessary Headers	Code 200 'Successful operation' The entered data and the data in the

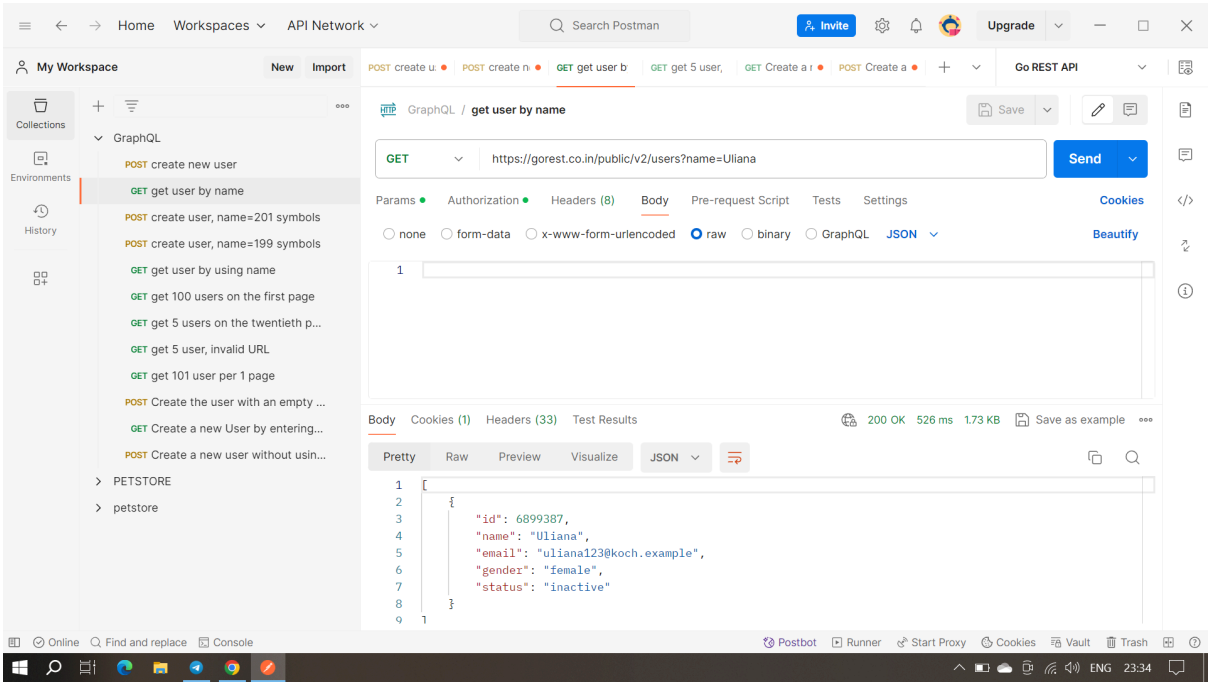
		URL - https://gorest.co.in/public/v2/users?name=misha Fill in the fields in the Request body: "id": 875638, "name": "Mishania", "email": "mki123@gmail.com", "gender": "male", "status": "active" Click the Send button	response body coincide.
4	Get this user by using an Id	Select Request Method - GET Select all necessary Headers URL - https://gorest.co.in/public/v2/users/875638	Code 200 ‘Successful operation’ The name was updated
5.	Delete the user with an Id	Select Request Method - DELETE Select all necessary Headers URL - https://gorest.co.in/public/v2/users/875638	Code 200 ‘Successful operation’
6.	Get the user by using an Id	Select Request Method - GET Select all necessary Headers URL - https://gorest.co.in/public/v2/users/875638	Code 404 “Not found”

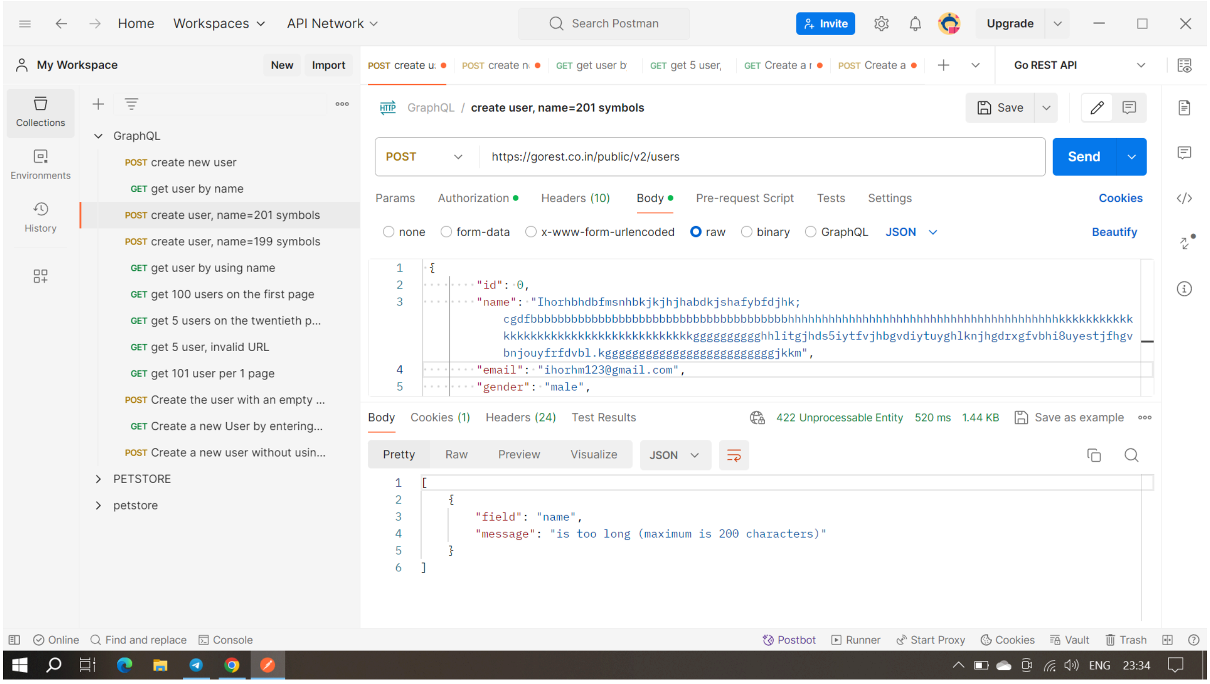
Features that could be improved

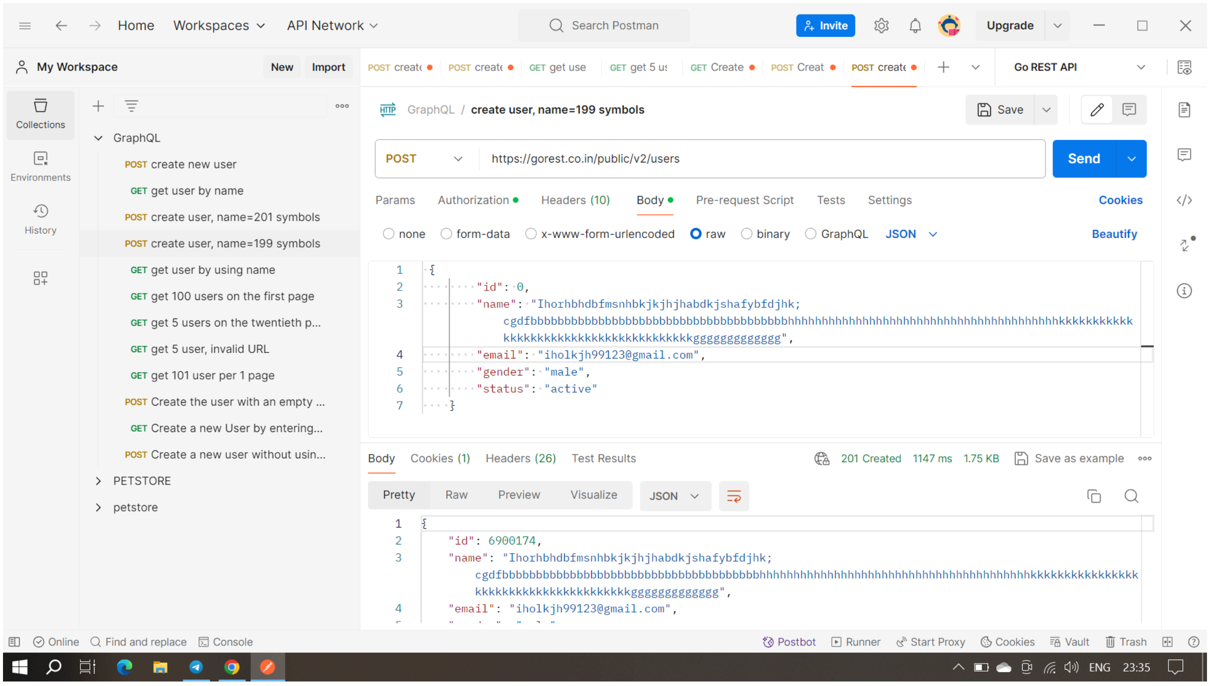
1. The body has a bad response (it is unreadable in any format) when we get users with the wrong URL.
2. 10 users displayed on the page, when we want to get 101 users per 1 page(according to API documentation we can get a maximum of 100 users per 1 page)
3. We receive the code 200 OK when creating the user by selecting the GET method, but the user is not created and the response body is empty.
4. The status code 404(not found) is displayed when we enter an invalid URL - but it must be ERROR displayed

API Tests in Postman






Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Collections
Environments
History
GraphQL
POST create new user
GET get user by name
POST create user, name=201 symbols
POST create user, name=199 symbols
GET get user by using name
GET get 100 users on the first page
GET get 5 users on the twentieth p...
GET get 5 user, invalid URL
GET get 101 user per 1 page
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
Go REST API
GraphQL / create user, name=201 symbols
Save
POST
https://gorest.co.in/public/v2/users
Send
Params
Authorization
Headers (10)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
"id": 0,
"email": "ihorhm123@gmail.com",
"gender": "male",
Body
Cookies (1)
Headers (24)
Test Results
422 Unprocessable Entity
520 ms
1.44 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
"field": "name",
"message": "is too long (maximum is 200 characters)"
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:34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Workspaces
API Network
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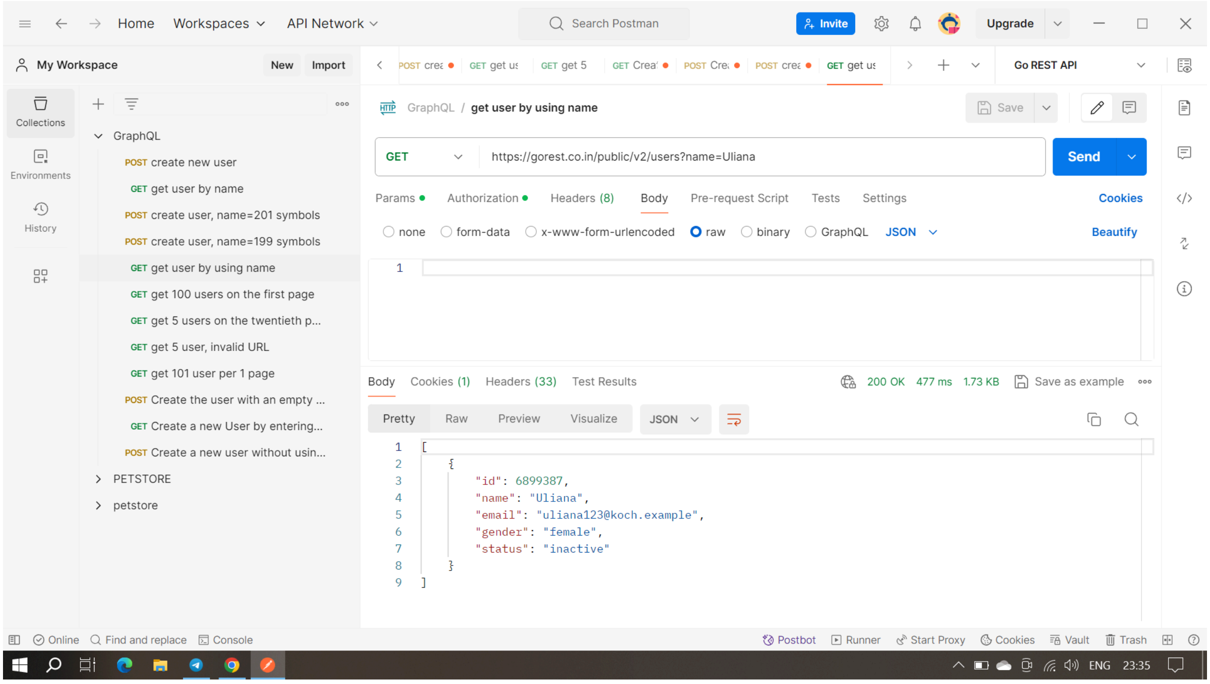
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
Go REST API
GraphQL / create user, name=199 symbols
Save
POST
https://gorest.co.in/public/v2/users
Send
Params
Authorization
Headers (10)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
"id": 0,
"email": "iholkjh99123@gmail.com",
"gender": "male",
"status": "active"
Body
Cookies (1)
Headers (26)
Test Results
201 Created
1147 ms
1.75 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
"id": 6900174,
"email": "iholkjh99123@gmail.com",
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:35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API Network
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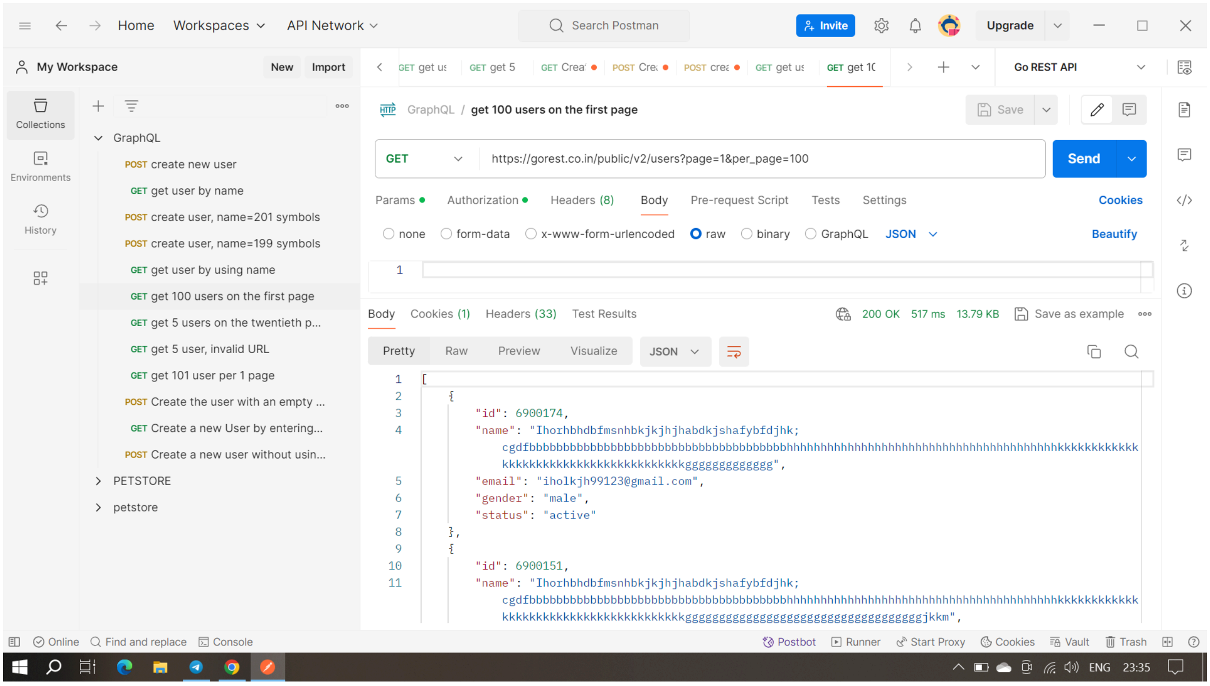
GET get 5 user, invalid URL
GET get 101 user per 1 page
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
Go REST API
GraphQL / get user by using name
Save
GET
https://gorest.co.in/public/v2/users?name=Uliana
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies (1)
Headers (33)
Test Results
200 OK
477 ms
1.73 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
[
{
"id": 6899387,
"name": "Uliana",
"email": "uliana123@koch.example",
"gender": "female",
"status": "inactive"
}
]
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:35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GET get 5 user, invalid URL
GET get 101 user per 1 page
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
Go REST API
GraphQL / get 100 users on the first page
Save
GET
https://gorest.co.in/public/v2/users?page=1&per_page=100
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies (1)
Headers (33)
Test Results
200 OK
517 ms
13.79 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
[
{
"id": 6900174,
"email": "iholkjh99123@gmail.com",
"gender": "male",
"status": "active"
},
{
"id": 6900151,
Online
Find and replace
Console
Postbot
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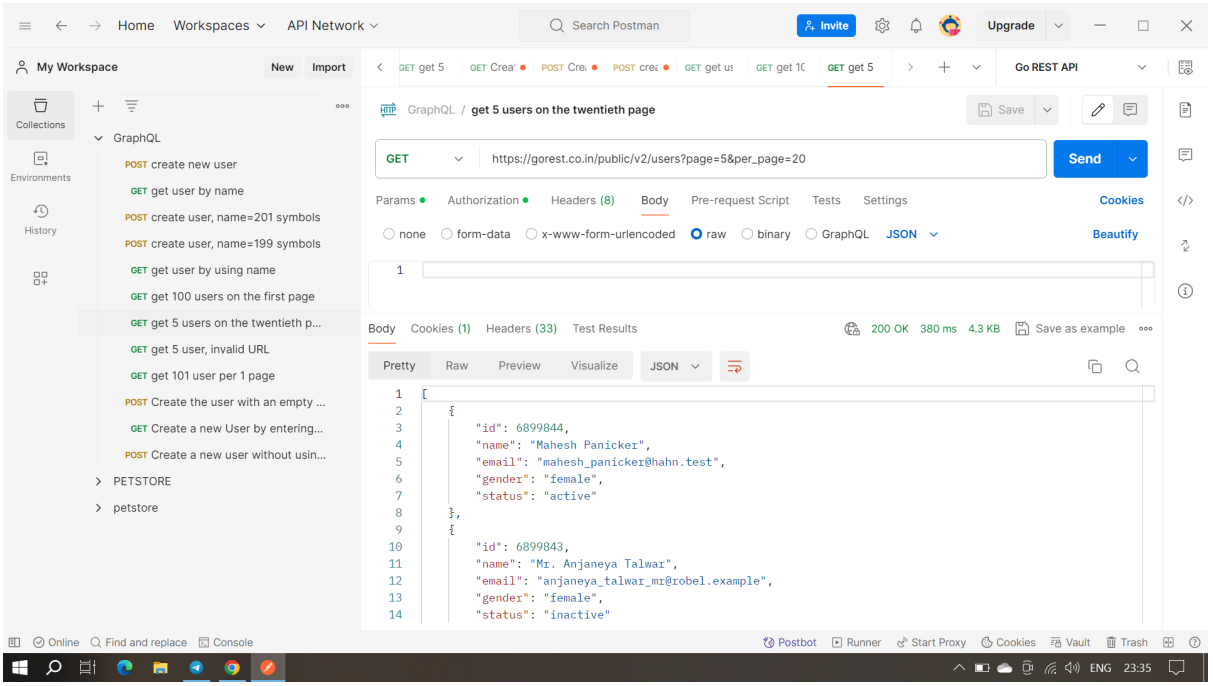
Vault
Trash
ENG
23:35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Collections
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GET get 101 user per 1 page
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
GraphQL / get 5 users on the twentieth page
Save
GET
https://gorest.co.in/public/v2/users?page=5&per_page=20
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies (1)
Headers (33)
Test Results
200 OK
380 ms
4.3 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
[
{
"id": 6899844,
"name": "Mahesh Panicker",
"email": "mahesh_panicker@hahn.test",
"gender": "female",
"status": "active"
},
{
"id": 6899843,
"name": "Mr. Anjaneya Talwar",
"email": "anjaneya_talwar_mr@robel.example",
"gender": "female",
"status": "inactive"
Online
Find and replace
Console
Postbot
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Vault
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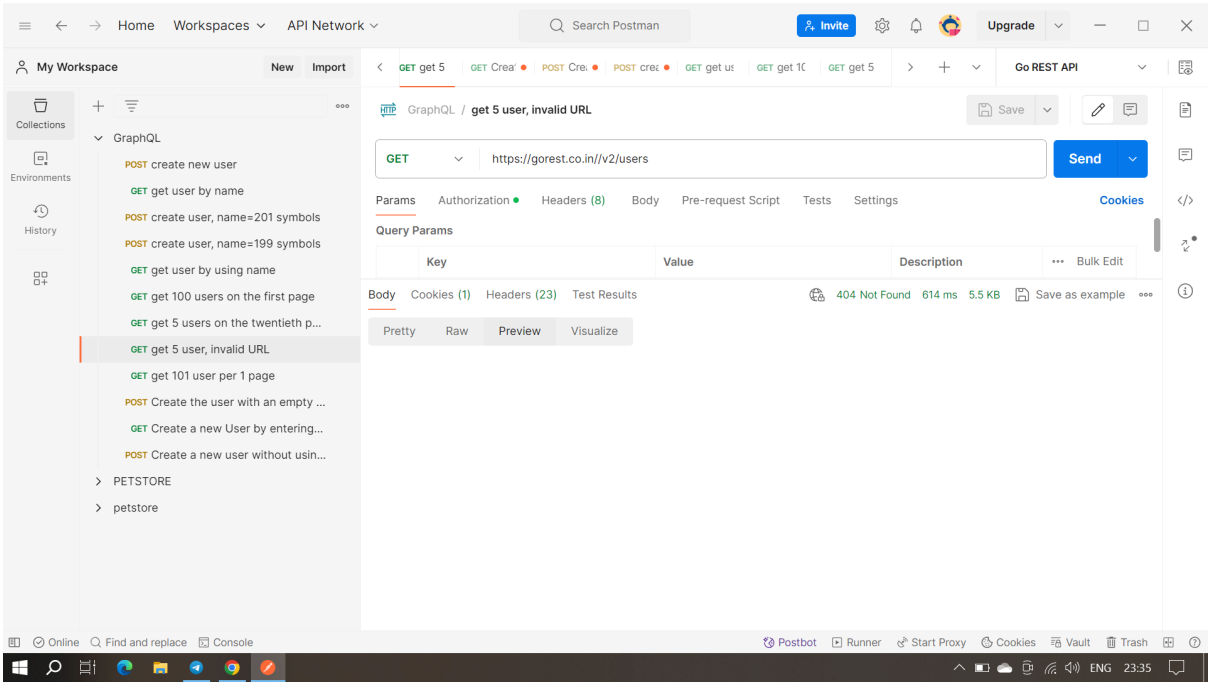
23:35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Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Go REST API
Collections
Environments
History
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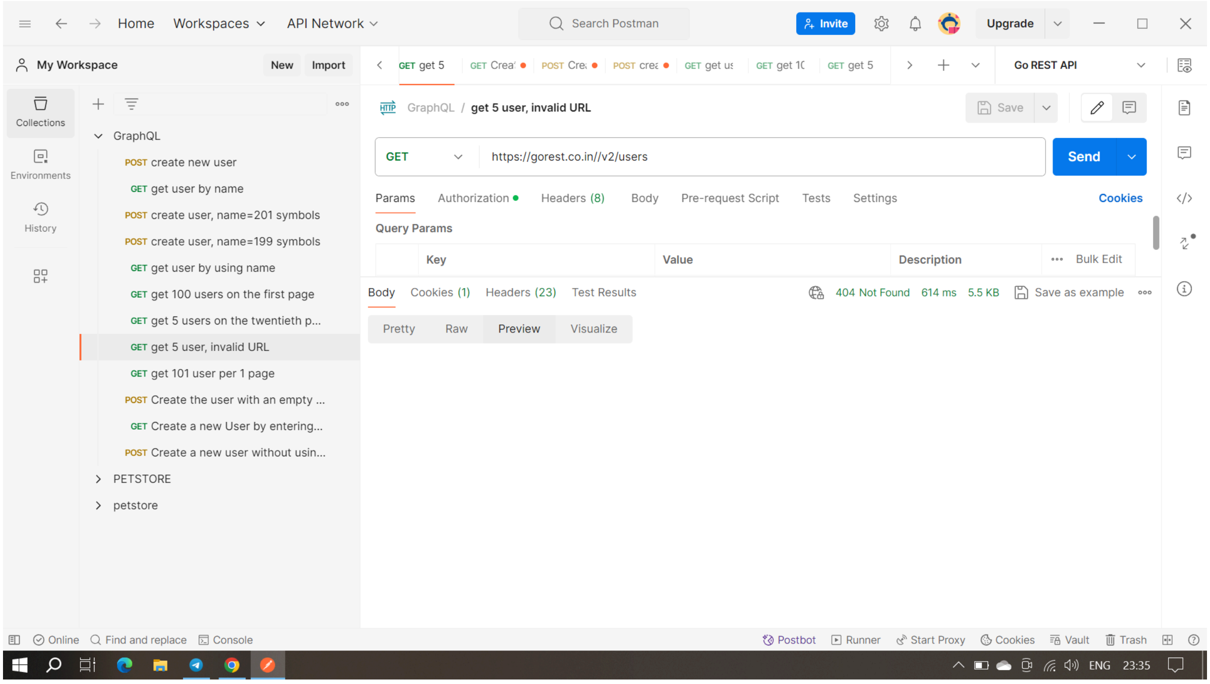
PETSTORE
petstore
GraphQL / get 5 user, invalid URL
Save
GET
https://gorest.co.in//v2/users
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
Body
Cookies (1)
Headers (23)
Test Results
404 Not Found
614 ms
5.5 KB
Save as example
Pretty
Raw
Preview
Visualize
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:35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Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Collections
Environments
History
GraphQL
POST create new user
GET get user by name
POST create user, name=201 symbols
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GET get user by using name
GET get 100 users on the first page
GET get 5 users on the twentieth p...
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POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
Go REST API
GraphQL / get 5 user, invalid URL
Save
GET
https://gorest.co.in//v2/users
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
Body
Cookies (1)
Headers (23)
Test Results
404 Not Found
614 ms
5.5 KB
Save as example
Pretty
Raw
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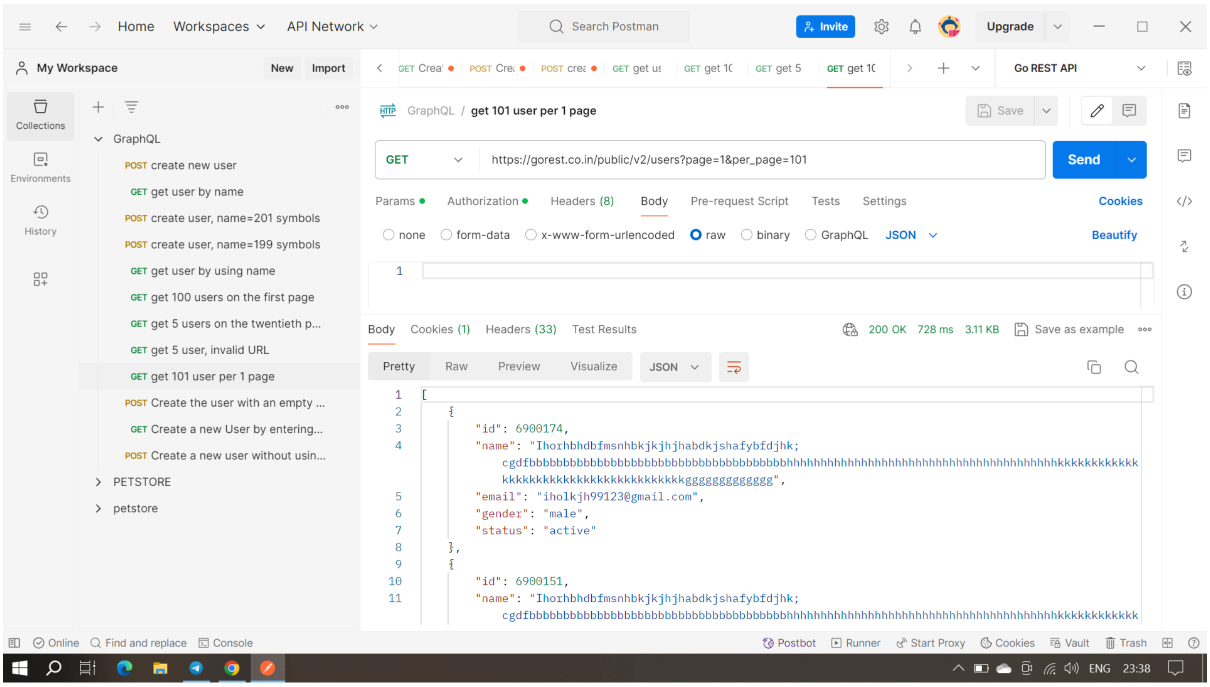
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Workspaces
API Network
Search Postman
Invite
Upgrade
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New
Import
Collections
Environments
History
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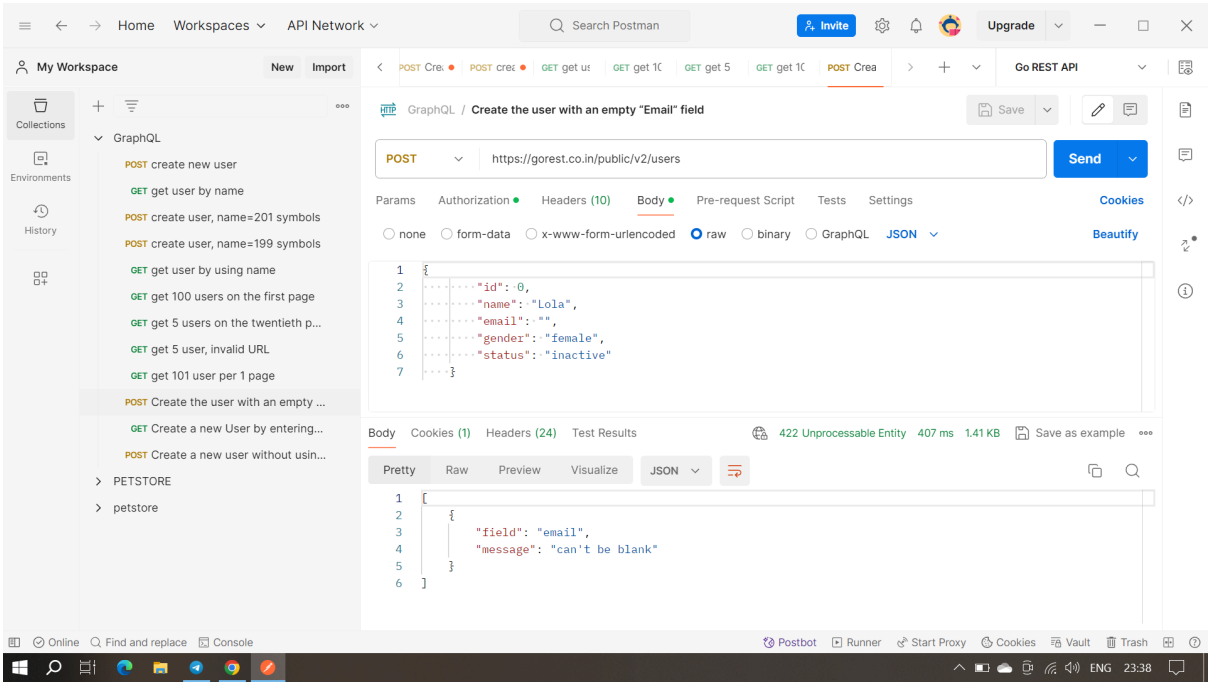
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
Go REST API
GraphQL / get 101 user per 1 page
Save
GET
https://gorest.co.in/public/v2/users?page=1&per_page=101
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies (1)
Headers (33)
Test Results
200 OK
728 ms
3.11 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
[
{
"id": 6900174,
"name": "Ihorhbhdbfmsnhbkjkjhjhabdkjshafybfdjhk;
"email": "iholkjh99123@gmail.com",
"gender": "male",
"status": "active"
},
{
"id": 6900151,
"name": "Ihorhbhdbfmsnhbkjkjhjhabdkjshafybfdjhk;
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:38


Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Go REST API
Collections
Environments
History
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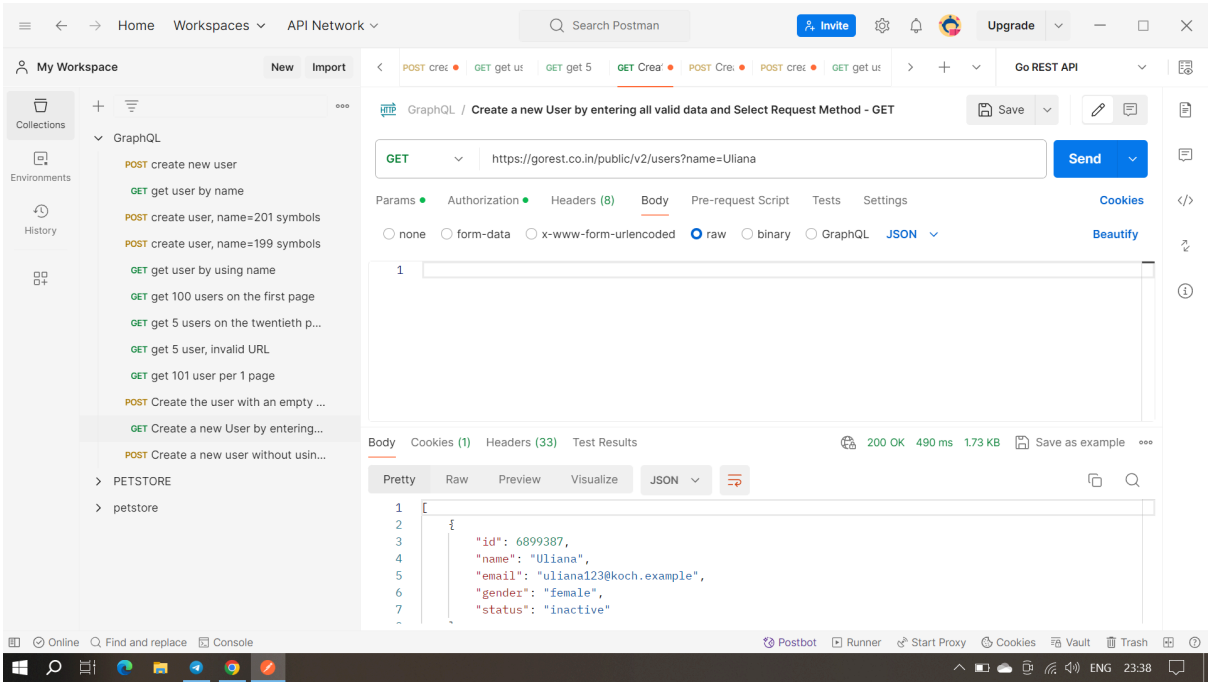
GET get 5 user, invalid URL
GET get 101 user per 1 page
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
GraphQL / Create the user with an empty "Email" field
Save
POST
https://gorest.co.in/public/v2/users
Send
Params
Authorization
Headers (10)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"id": 0,
"name": "Lola",
"email": "",
"gender": "female",
"status": "inactive"
}
Body
Cookies (1)
Headers (24)
Test Results
422 Unprocessable Entity
407 ms
1.41 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
[
{
"field": "email",
"message": "can't be blank"
}
]
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:38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Workspaces
API Network
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Invite
Upgrade
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New
Import
Go REST API
Collections
Environments
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POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
GraphQL / Create a new User by entering all valid data and Select Request Method - GET
Save
GET
https://gorest.co.in/public/v2/users?name=Uliana
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies (1)
Headers (33)
Test Results
200 OK
490 ms
1.73 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
[
{
"id": 6899387,
"name": "Uliana",
"email": "uliana123@koch.example",
"gender": "female",
"status": "inactive"
Online
Find and replace
Console
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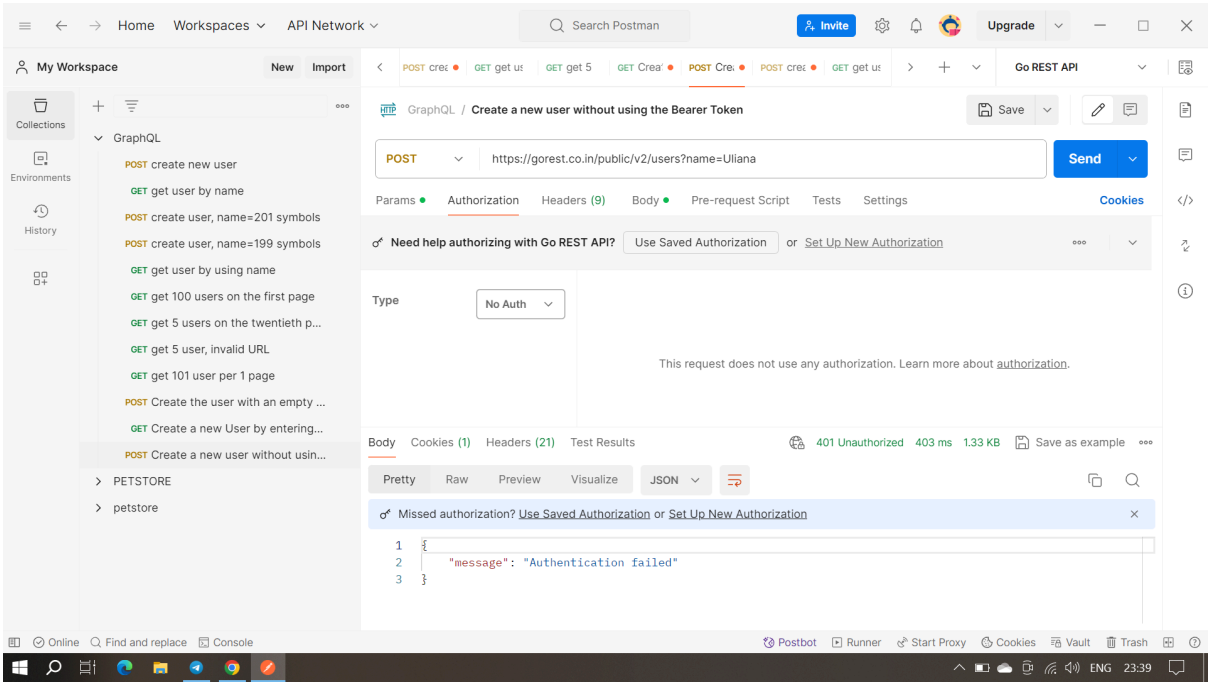
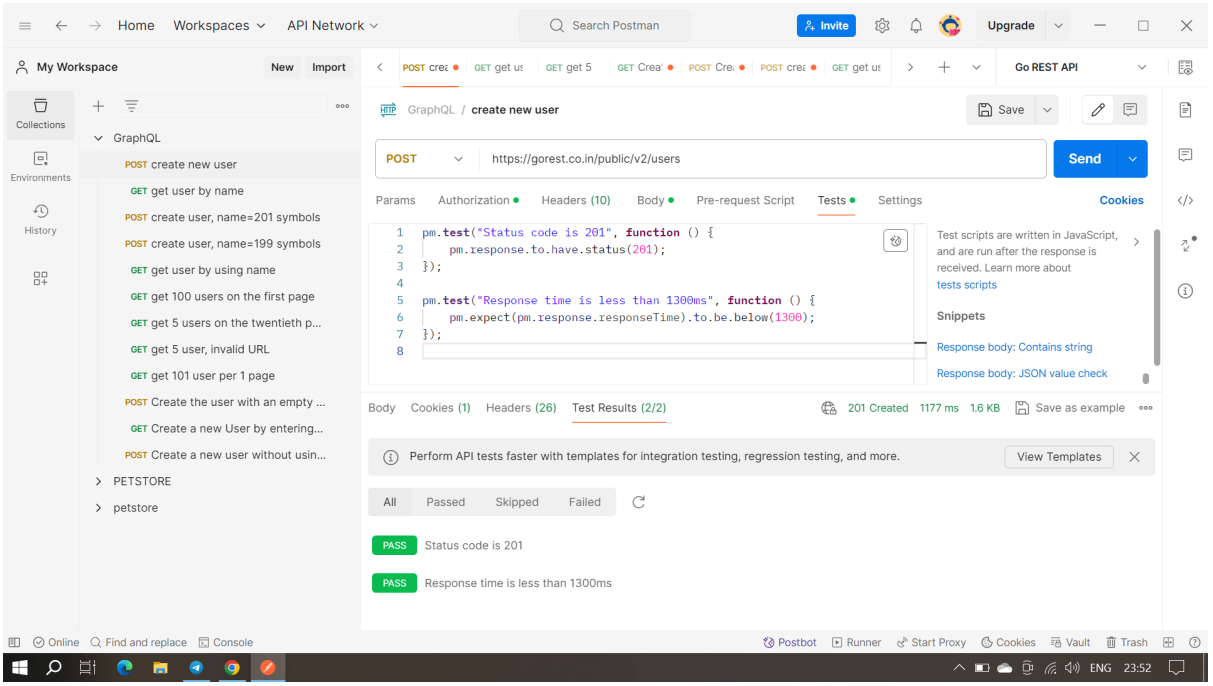
Cookies
Vault
Trash
ENG
23:38


Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Go REST API
Collections
Environments
History
GraphQL
POST create new user
GET get user by name
POST create user, name=201 symbols
POST create user, name=199 symbols
GET get user by using name
GET get 100 users on the first page
GET get 5 users on the twentieth p...
GET get 5 user, invalid URL
GET get 101 user per 1 page
POST Create the user with an empty ...
GET Create a new User by entering...
POST Create a new user without usin...
PETSTORE
petstore
GraphQL / Create a new user without using the Bearer Token
Save
POST
https://gorest.co.in/public/v2/users?name=Uliana
Send
Params
Authorization
Headers (9)
Body
Pre-request Script
Tests
Settings
Cookies
Need help authorizing with Go REST API?
Use Saved Authorization
or
Set Up New Authorization
Type
No Auth
This request does not use any authorization. Learn more about authorization.
Body
Cookies (1)
Headers (21)
Test Results
401 Unauthorized
403 ms
1.33 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
Missed authorization? Use Saved Authorization or Set Up New Authorization
{
"message": "Authentication failed"
}
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:39


Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Go REST API
Collections
Environments
History
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PETSTORE
petstore
GraphQL / create new user
Save
POST
https://gorest.co.in/public/v2/users
Send
Params
Authorization
Headers (10)
Body
Pre-request Script
Tests
Settings
Cookies
pm.test("Status code is 201", function () {
pm.response.to.have.status(201);
});
pm.test("Response time is less than 1300ms", function () {
pm.expect(pm.response.responseTime).to.be.below(1300);
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
Snippets
Response body: Contains string
Response body: JSON value check
Body
Cookies (1)
Headers (26)
Test Results (2/2)
201 Created
1177 ms
1.6 KB
Save as example
Perform API tests faster with templates for integration testing, regression testing, and more.
View Templates
All
Passed
Skipped
Failed
PASS
Status code is 201
PASS
Response time is less than 1300ms
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
23:52