Secure Task Manager API

Postman Collection Documentation

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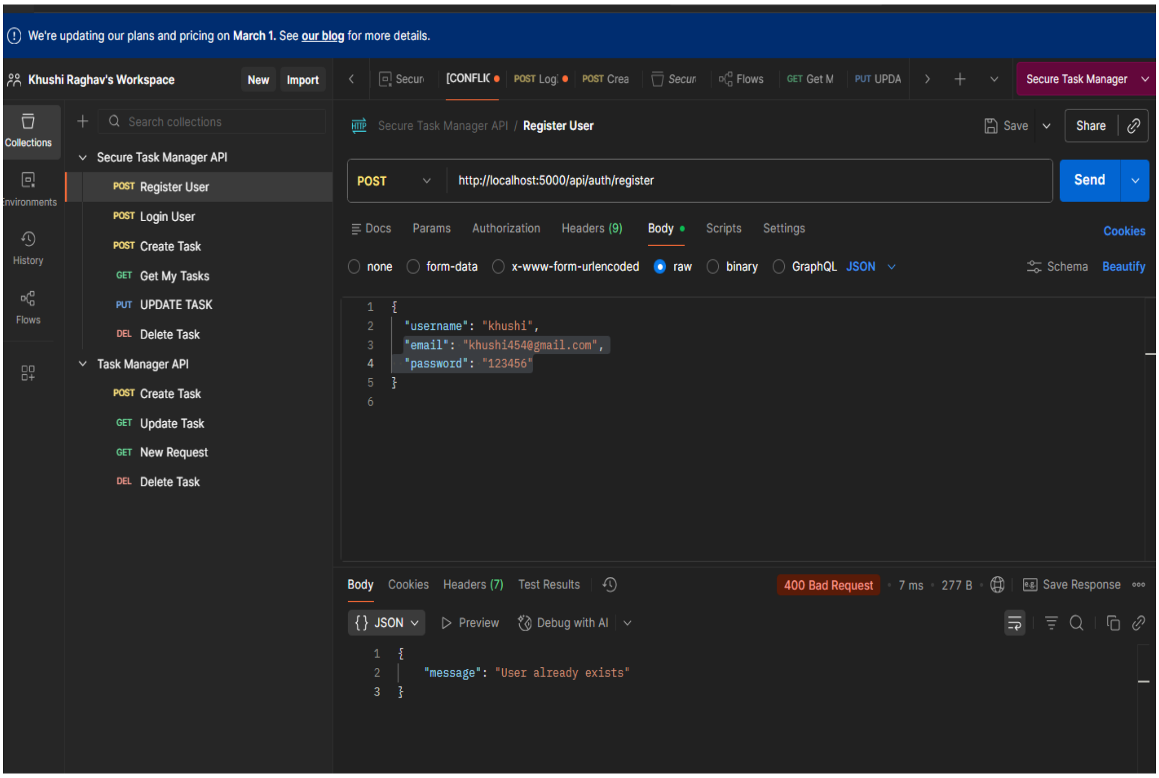
This document contains the API testing collection created using Postman for a Secure Task Manager backend project.

User Registration API

User Registration API: This endpoint allows new users to register by providing username, email, and password. It validates existing users and ensures unique registration.



We're updating our plans and pricing on March 1. See our blog for more details.

Secure Task Manager API / Register User

POST http://localhost:5000/api/auth/register

Body: ● raw JSON

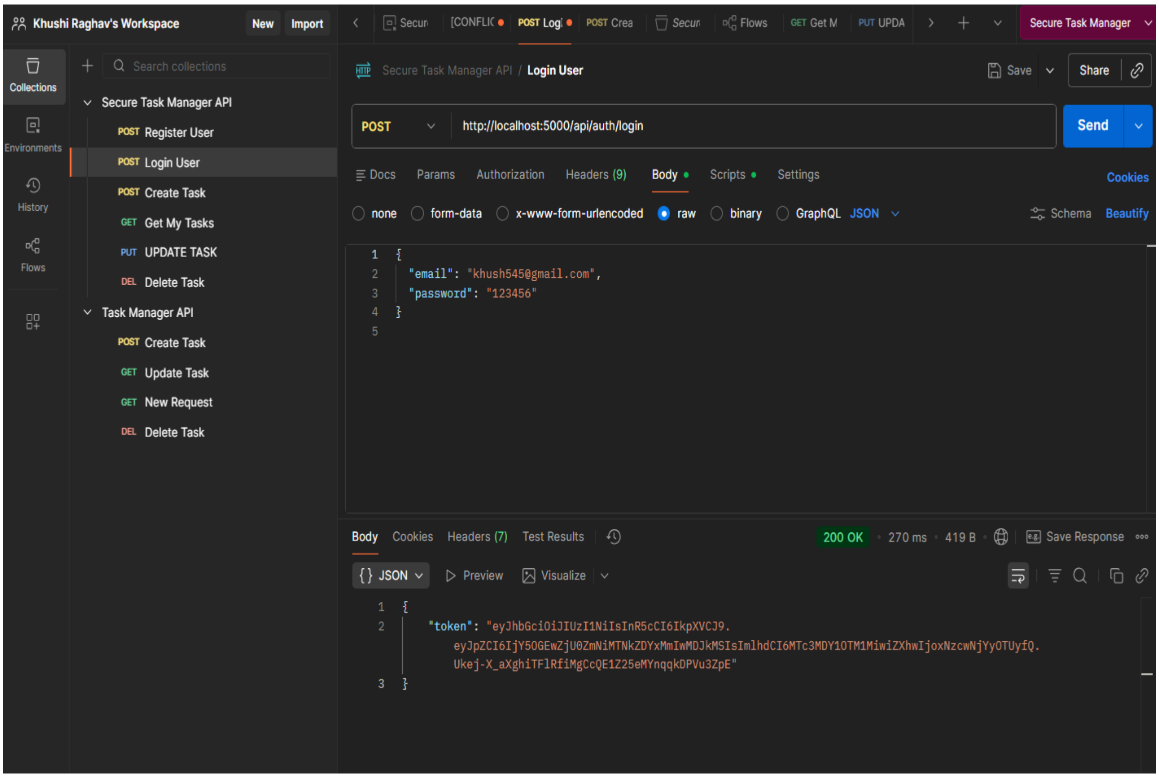
```
{
"username": "khushi",
"email": "khushi454@gmail.com",
"password": "123456"
}
```

400 Bad Request · 7 ms · 277 B

```
{
    "message": "User already exists"
}
```

User Login API

User Login API: This endpoint authenticates registered users using email and password. Upon successful login, a JWT token is generated for secure access.



POST http://localhost:5000/api/auth/login

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "email": "khush545@gmail.com",
  "password": "123456"
}

```

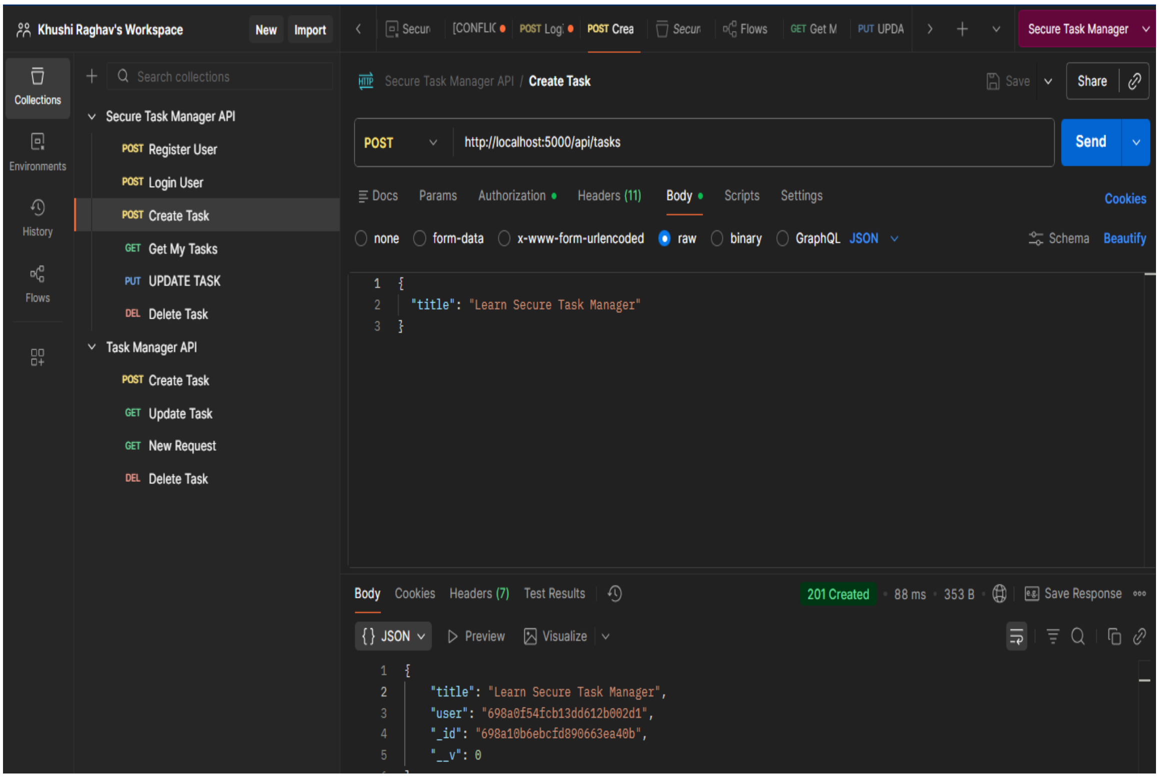
Body 200 OK · 270 ms · 419 B

{ } JSON

```
{
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
      eyJpZCI6IjY5OGEwZjU0ZmNiMTNkZDYxMmIwMDJkMSIsImlhdCI6MTc3MDY1OTM1MiwiZXhwIjoxNzcwNjYyOTUyfQ.
      Ukej-X_aXghiTFlRfiMgCcQE1Z25eMYnqqkDPVu3ZpE"
}
```

Create Task API

Create Task API: This endpoint allows authenticated users to create a new task. The task is linked to the logged-in user.



Secure Task Manager API / Create Task

POST http://localhost:5000/api/tasks

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "title": "Learn Secure Task Manager"
}
```

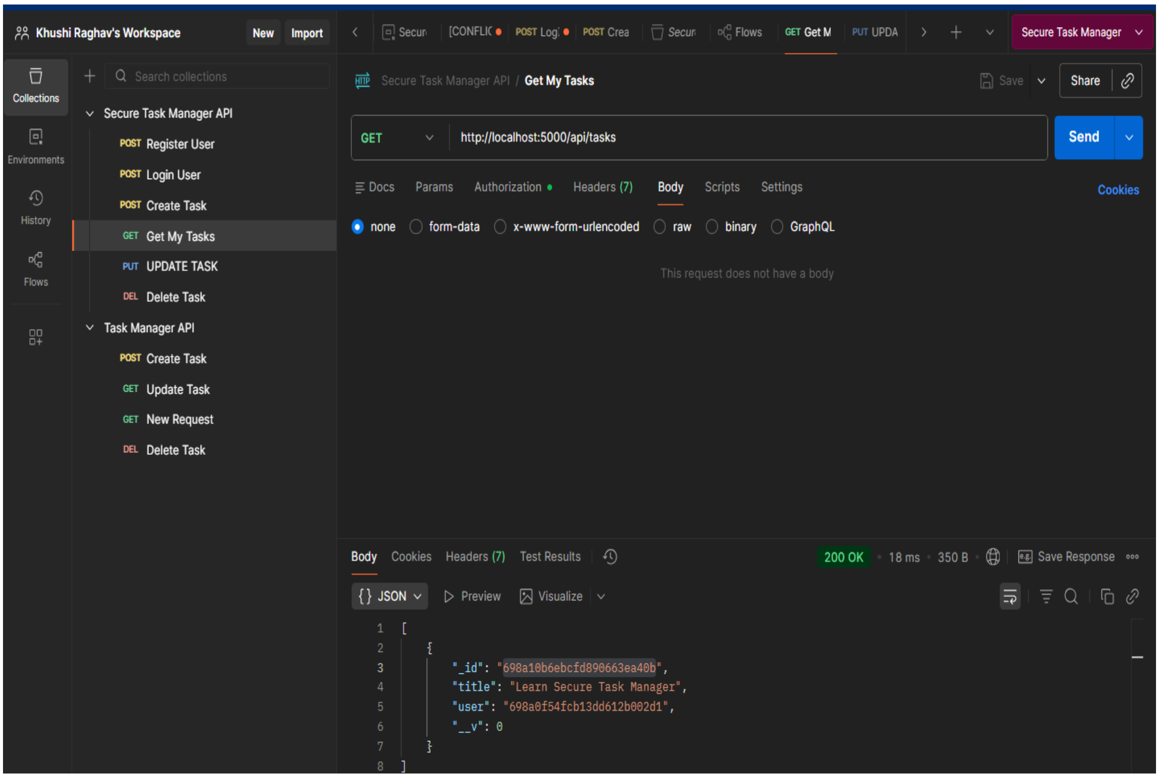
Body — 201 Created • 88 ms • 353 B

{} JSON

```
{
    "title": "Learn Secure Task Manager",
    "user": "698a0f54fcb13dd612b002d1",
    "_id": "698a10b6ebcfd890663ea40b",
    "__v": 0
```

Get My Tasks API

Get My Tasks API: This endpoint retrieves all tasks associated with the authenticated user using the provided token.



GET http://localhost:5000/api/tasks

● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

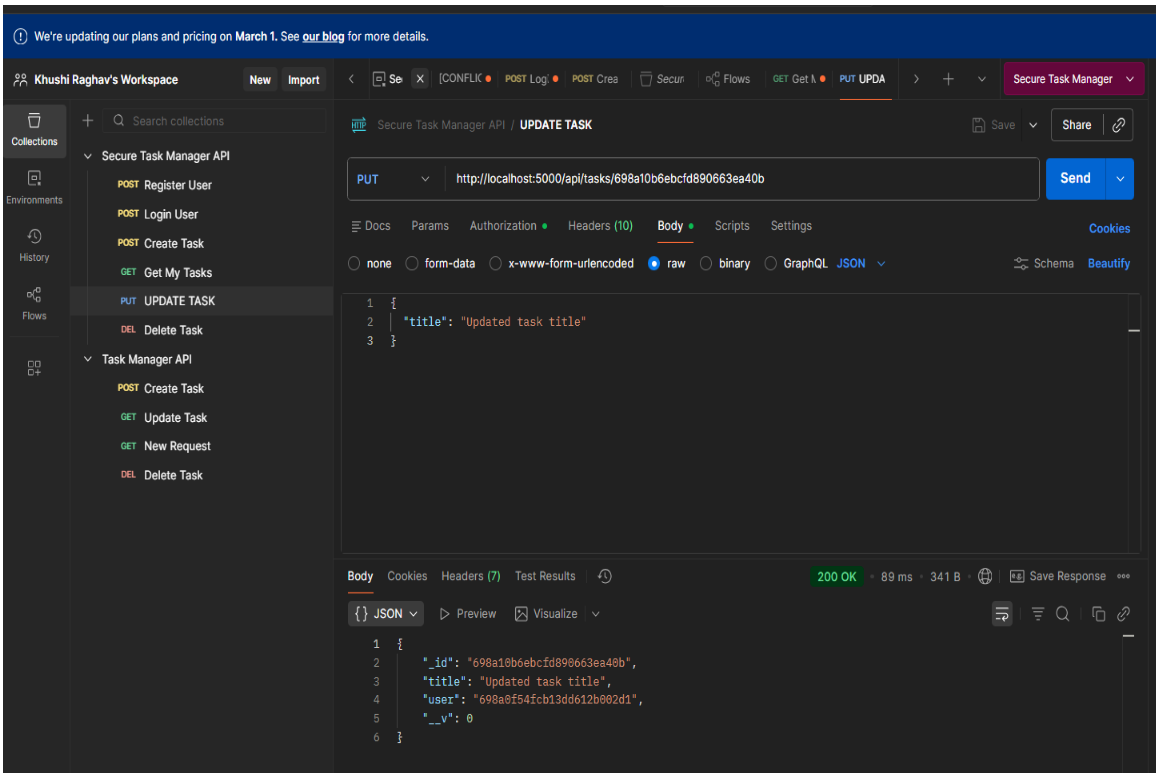
This request does not have a body

200 OK · 18 ms · 350 B

```
[
    {
        "_id": "698a10b6ebcfd890663ea40b",
        "title": "Learn Secure Task Manager",
        "user": "698a0f54fcb13dd612b002d1",
        "__v": 0
    }
]
```

Update Task API

Update Task API: This endpoint allows users to update an existing task's details securely using its unique ID.



PUT http://localhost:5000/api/tasks/698a10b6ebcfd890663ea40b

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "title": "Updated task title"
}
```

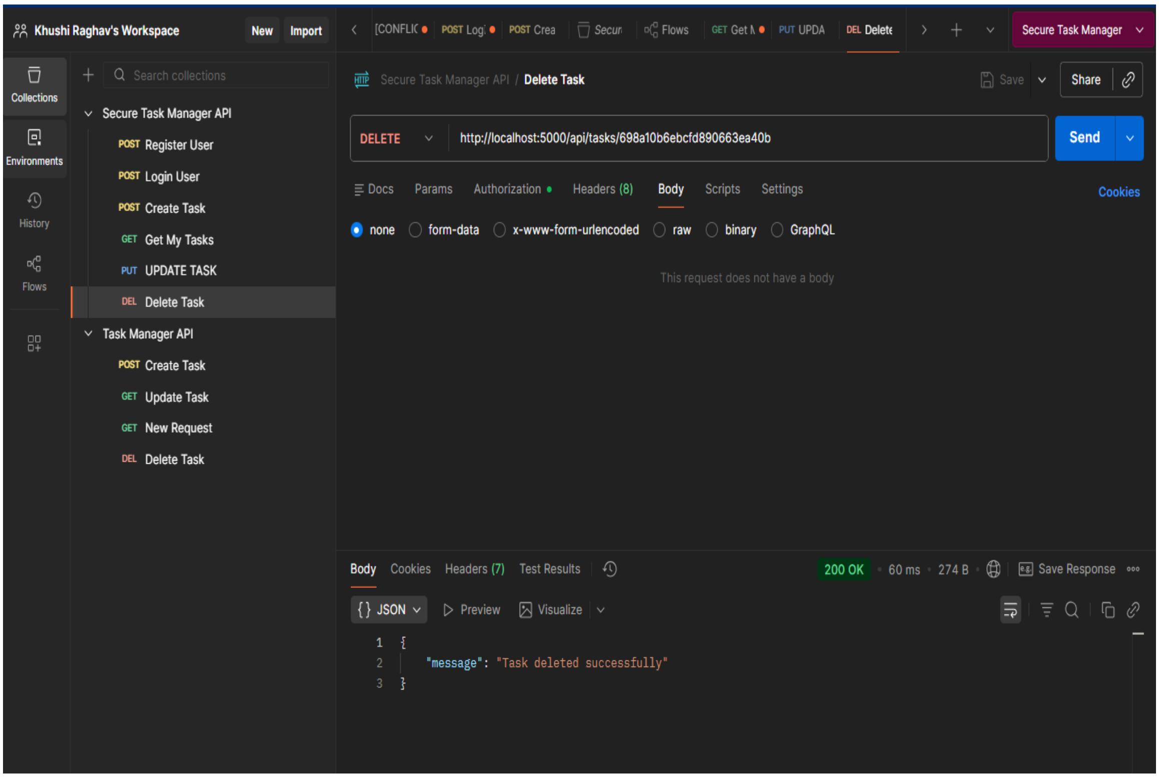
Body | Cookies | Headers (7) | Test Results

200 OK • 89 ms • 341 B

```
{
    "_id": "698a10b6ebcfd890663ea40b",
    "title": "Updated task title",
    "user": "698a0f54fcb13dd612b002d1",
    "__v": 0
}
```

Delete Task API

Delete Task API: This endpoint deletes a specific task using its ID. It ensures that only authorized users can remove their tasks.



DELETE http://localhost:5000/api/tasks/698a10b6ebcfd890663ea40b

● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

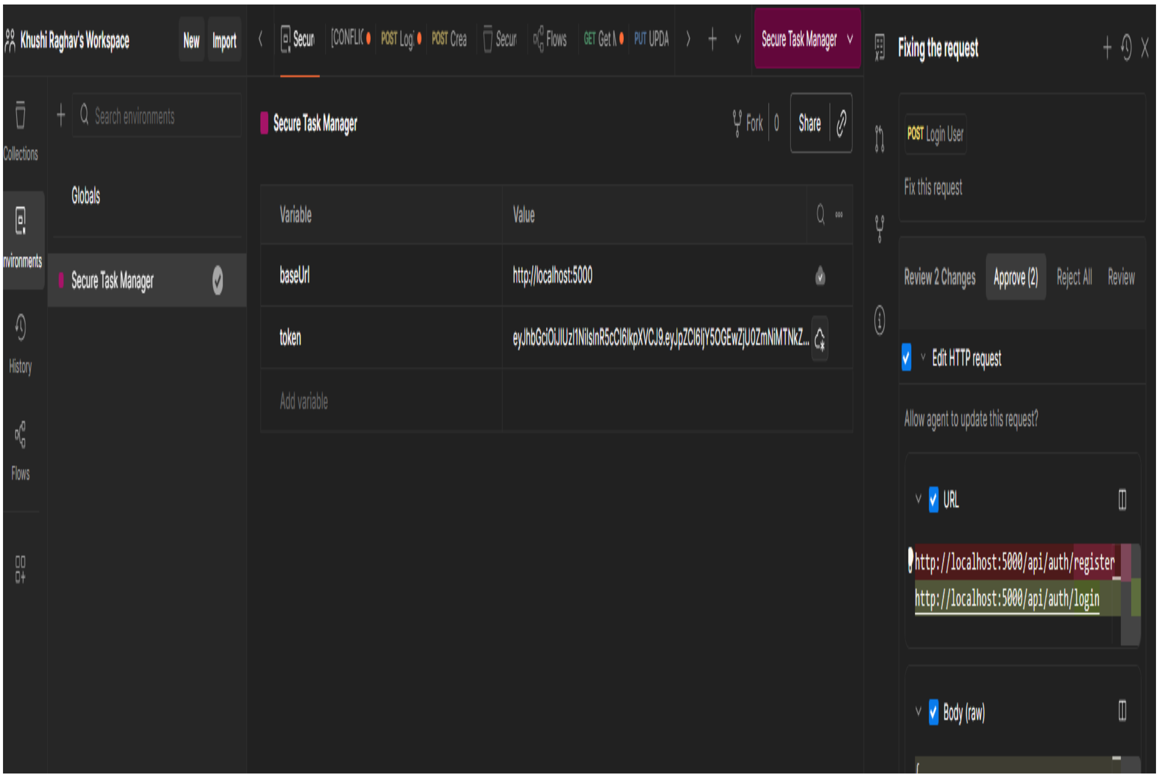
This request does not have a body

200 OK • 60 ms • 274 B

```
{
    "message": "Task deleted successfully"
}
```

Environment Variables Setup

Environment Variables Setup: This section shows configured environment variables such as baseUrl and token to manage dynamic request handling.

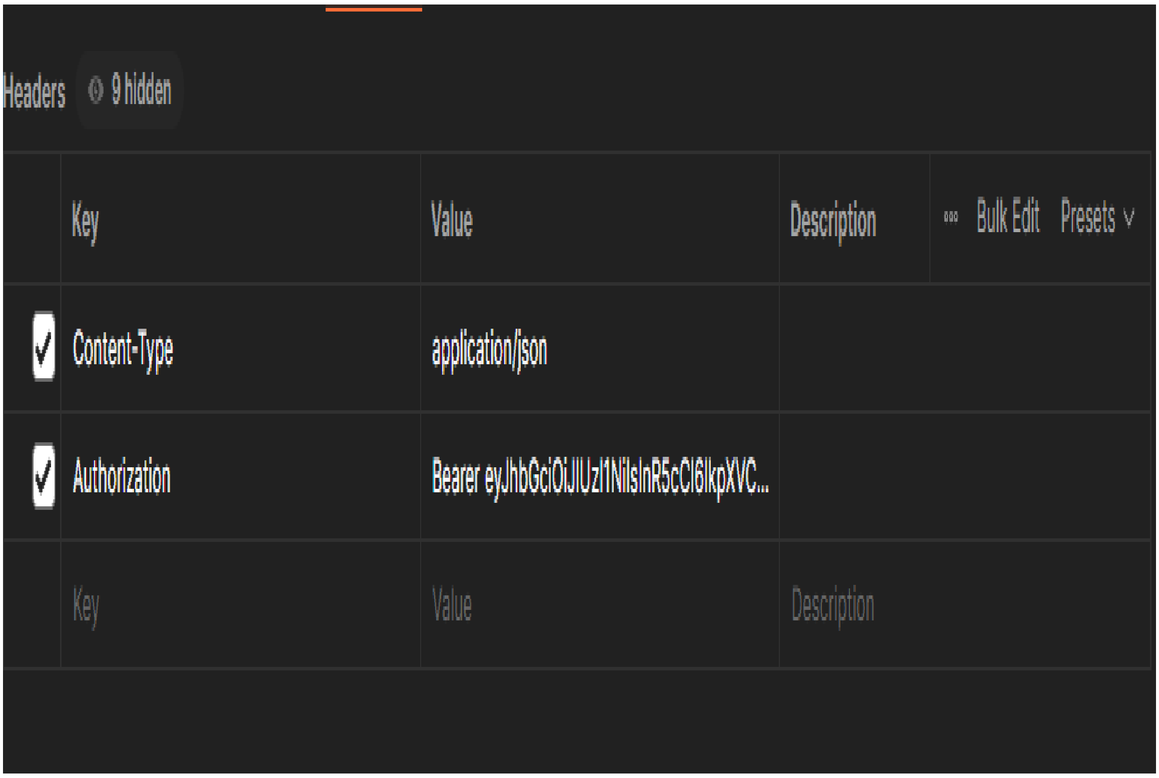


Variable	Value
baseUrl	http://localhost:5000
token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY5OGEwZjU0ZmNiMTNkZ...
Add variable	

```
http://localhost:5000/api/auth/register
http://localhost:5000/api/auth/login
```

Headers Configuration

Headers Configuration: This demonstrates setting Content-Type and Authorization headers to ensure secure API communication.

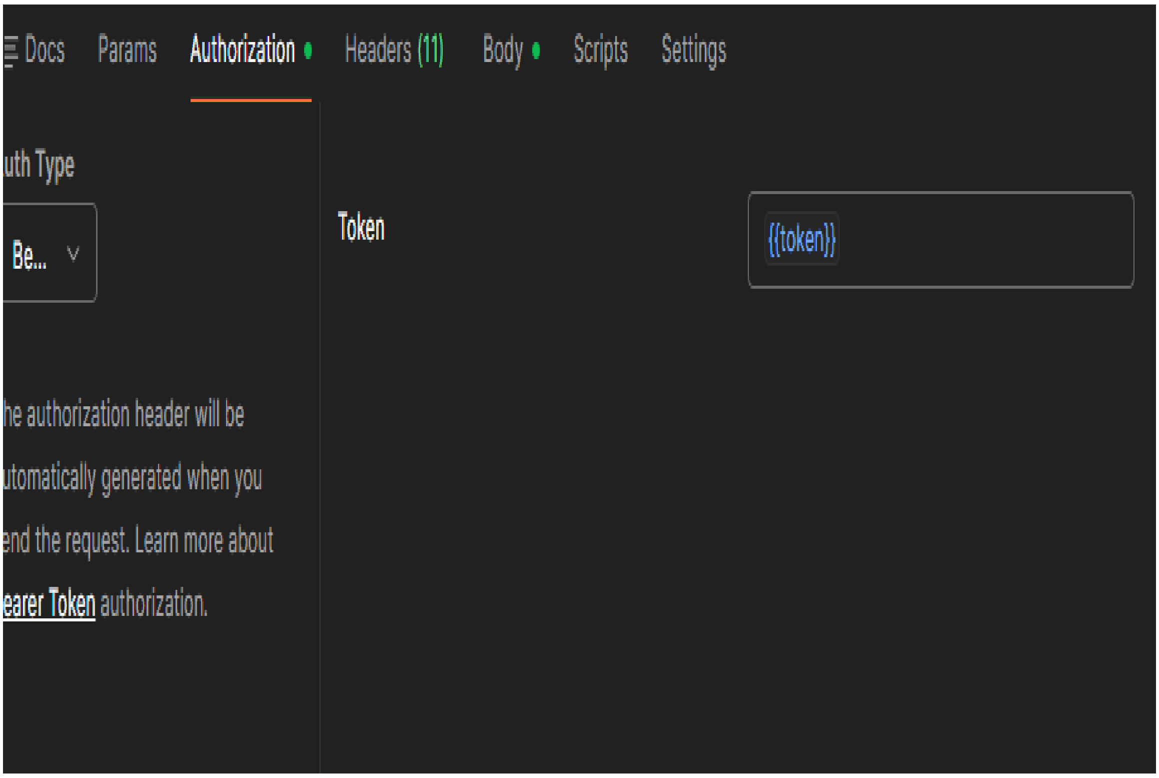


Headers 9 hidden

	Key	Value	Description	··· Bulk Edit Presets ∨
☑	Content-Type	application/json		
☑	Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVC...		
	Key	Value	Description	

Authorization Setup

Authorization Setup: This section shows Bearer Token authentication using environment variables for secure access control.



uth Type

Be...

Token

{{token}}

he authorization header will be utomatically generated when you end the request. Learn more about earer Token authorization.