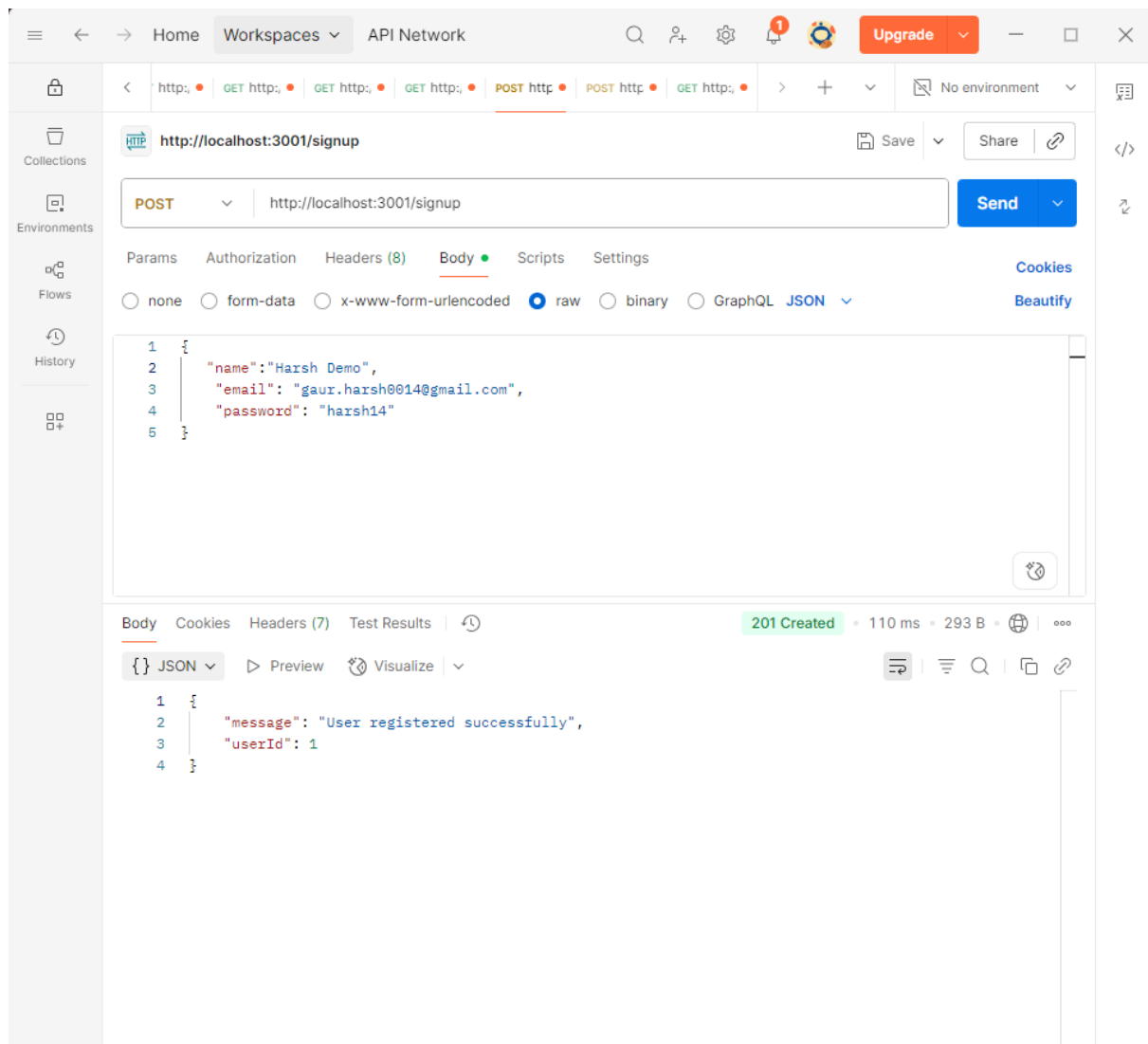


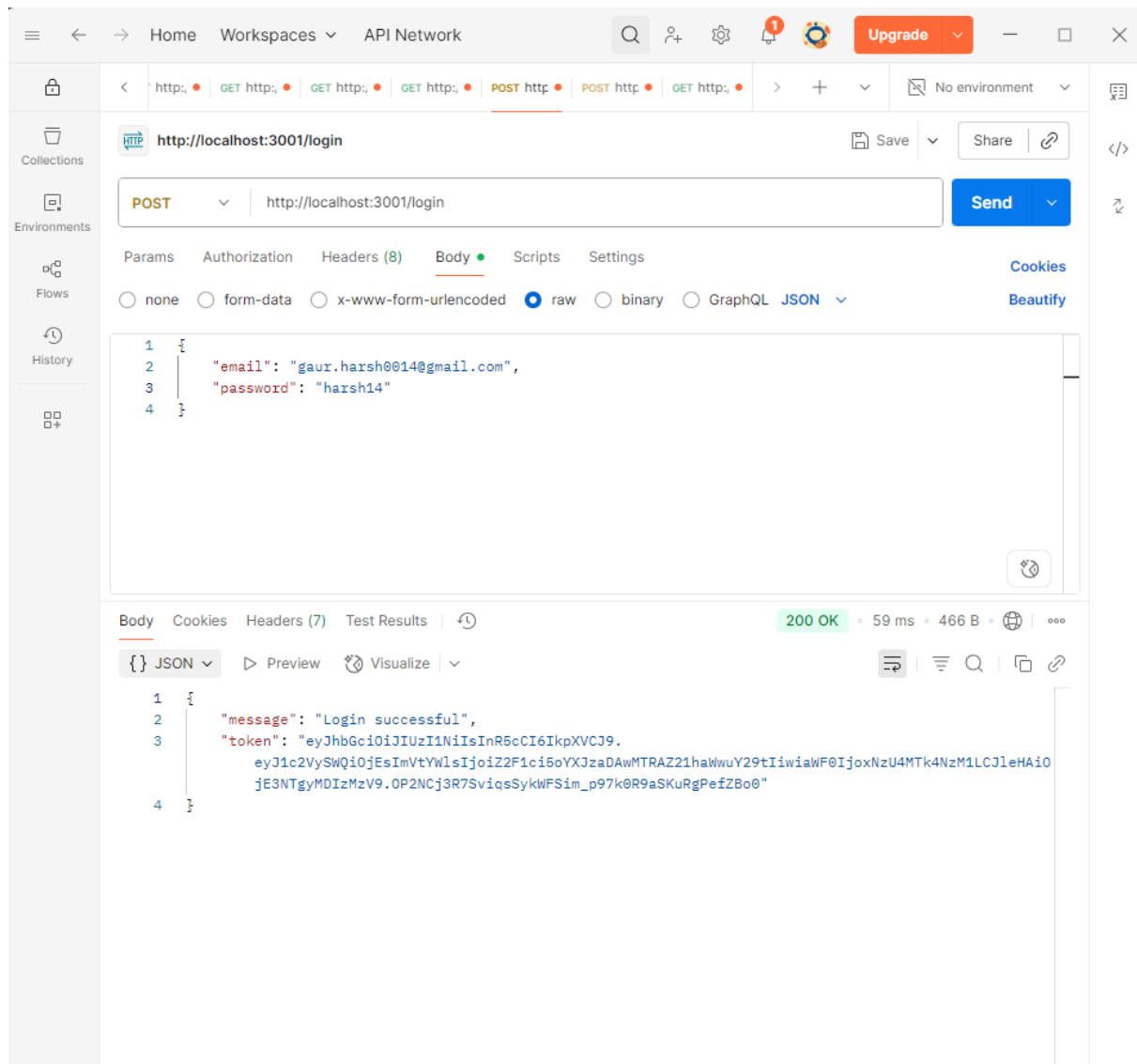
# Mood Logger App – Backend API Implementation

## Postman Testing Screenshots of Core Features

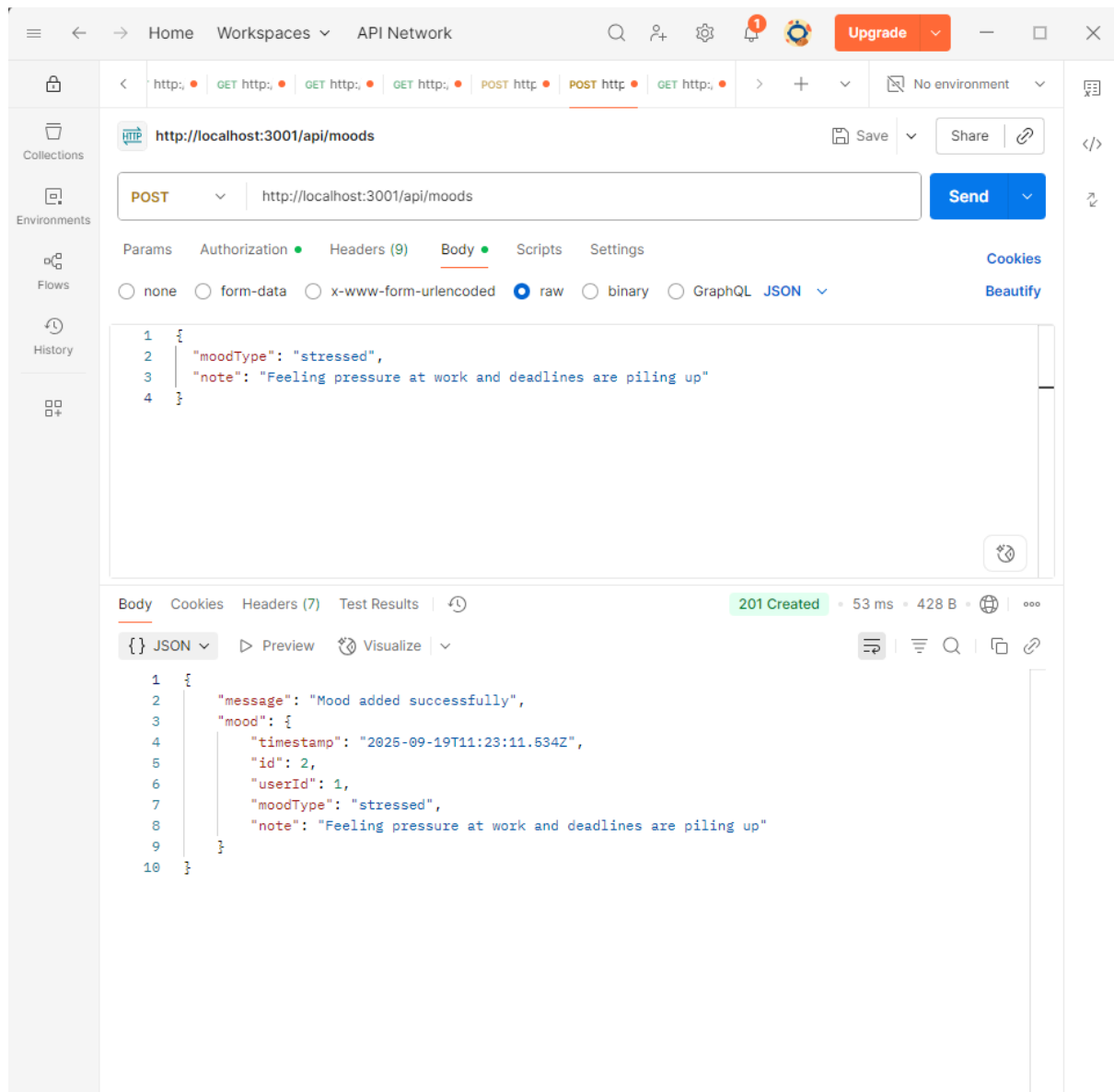
- User Authentication APIs
  - Register API (Signup)



- Login API (JWT Authentication)



- **Mood Management APIs**
  - **Add Mood (POST /api/moods)**



- **Get All Moods (GET /api/moods)**

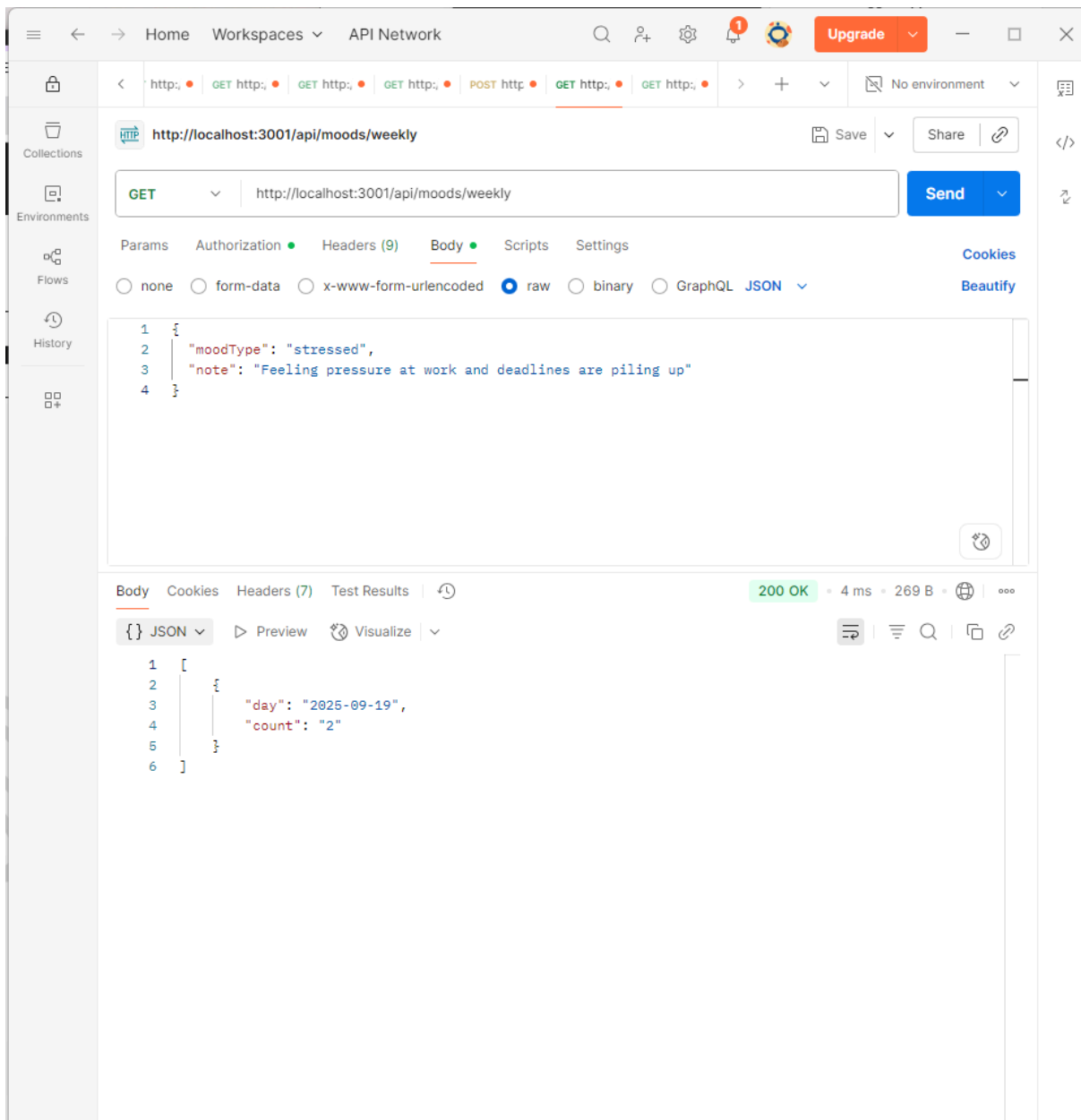
The screenshot shows the API Network interface with a GET request to `http://localhost:3001/api/moods`. The response is a 200 OK status with a 48 ms response time and 487 B of data. The response body is a JSON array of two mood objects.

```
1 {
2   "moodType": "stressed",
3   "note": "Feeling pressure at work and deadlines are piling up"
4 }
```

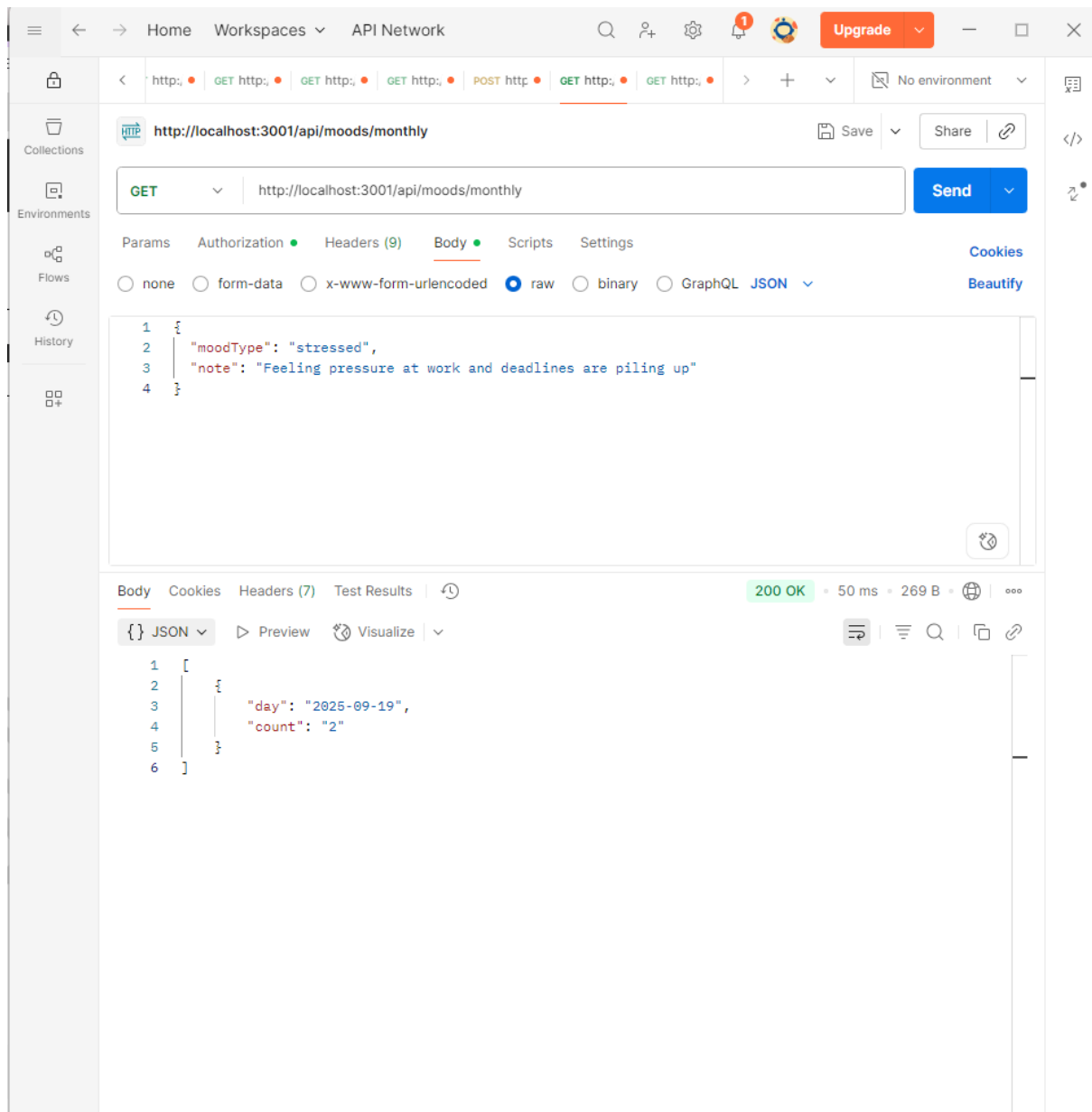
The response body is displayed in the JSON tab, showing a 200 OK status with a 48 ms response time and 487 B of data. The response body is a JSON array of two mood objects.

```
1 [
2   {
3     "id": 3,
4     "userId": 1,
5     "moodType": "Happy",
6     "note": "Feeling good today.",
7     "timestamp": "2025-09-19T11:23:43.746Z"
8   },
9   {
10    "id": 2,
11    "userId": 1,
12    "moodType": "stressed",
13    "note": "Feeling pressure at work and deadlines are piling up",
14    "timestamp": "2025-09-19T11:23:11.534Z"
15  }
16 ]
```

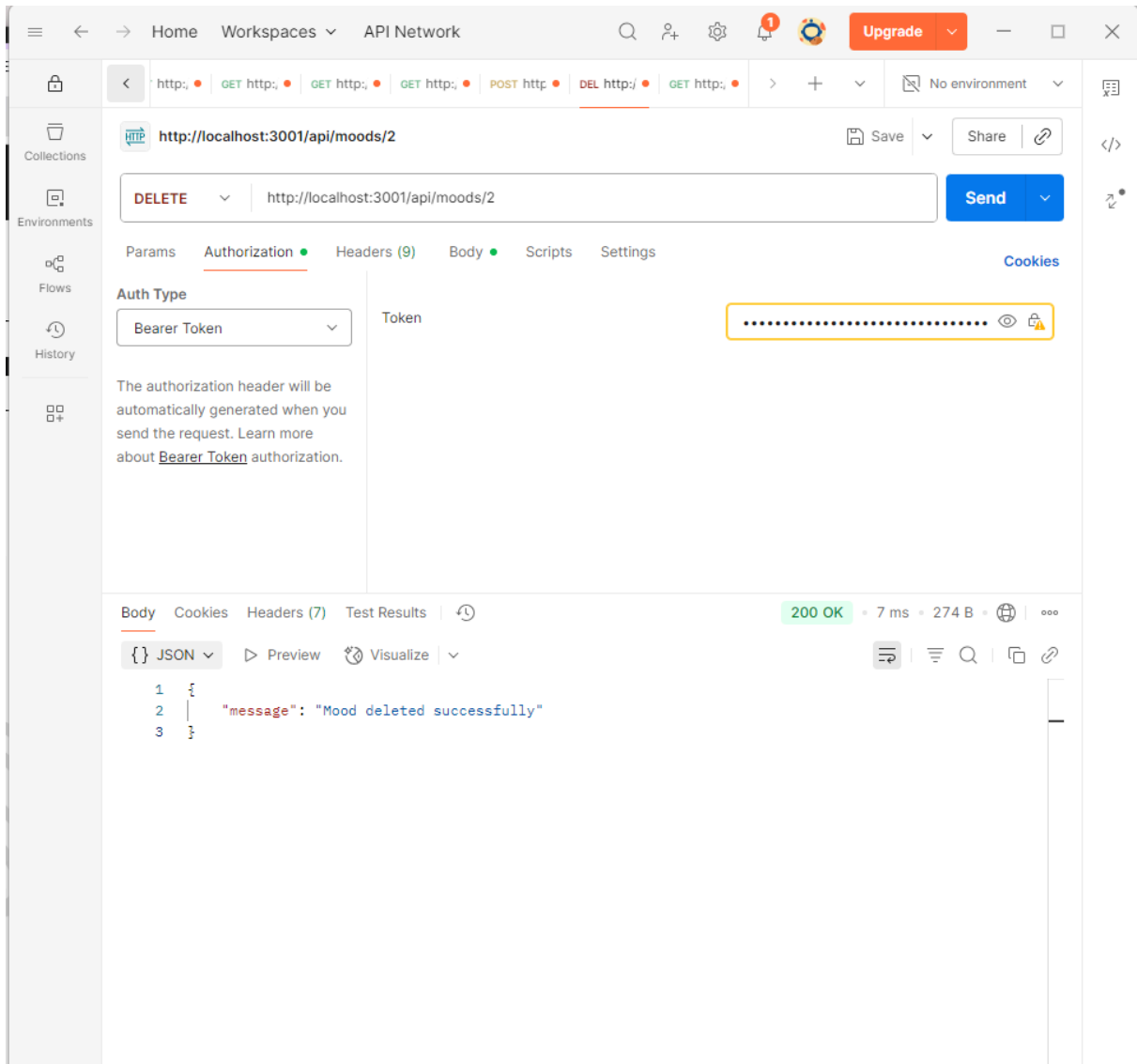
- **Weekly Mood Stats (GET /api/moods/weekly)**



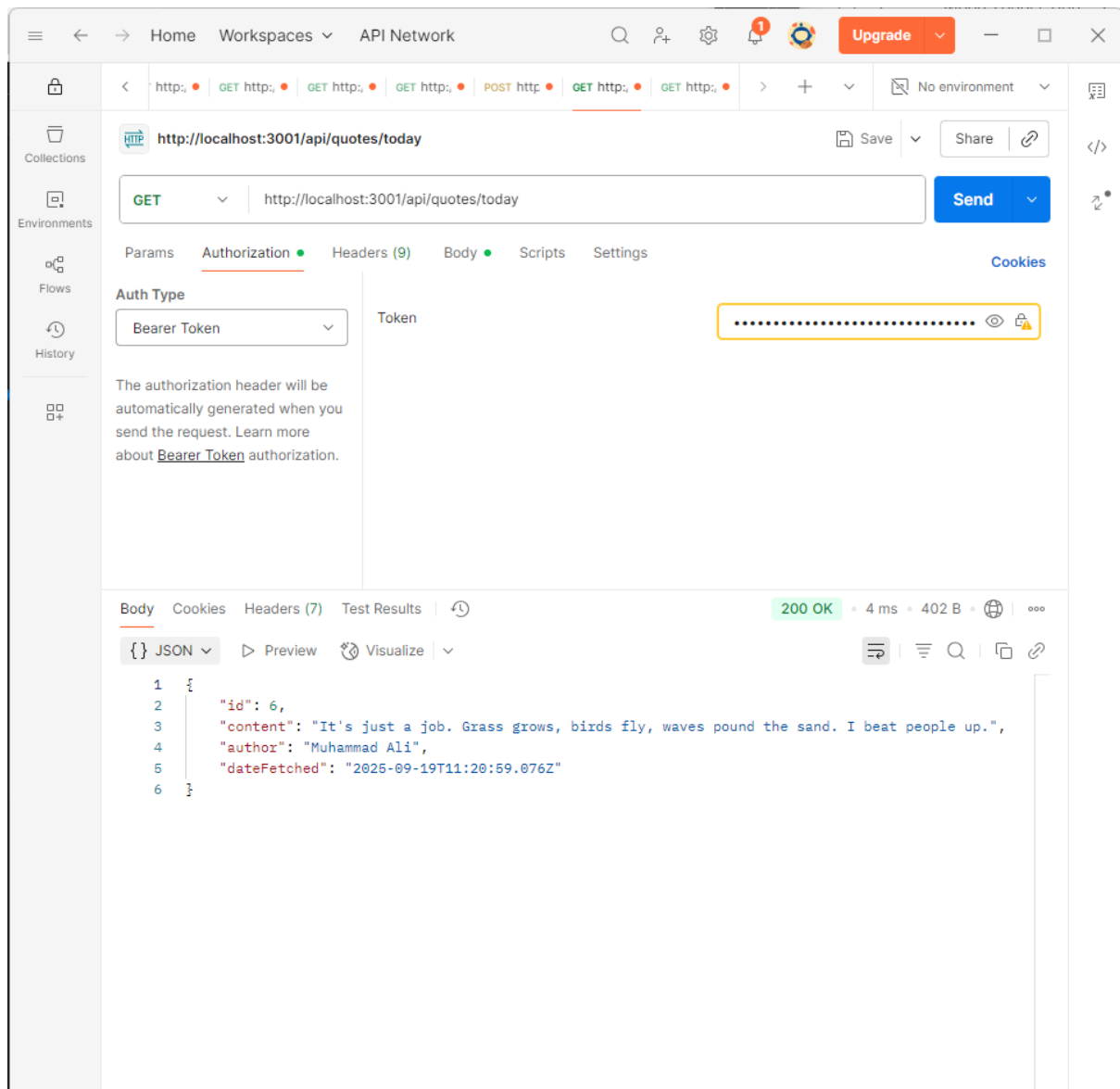
- **Monthly Mood Stats (GET /api/moods/monthly)**



- **Delete Mood (DELETE /api/moods/:id)**



- **Daily Quotes API**
  - **Fetch & Store Daily Quote**
  - **Get Today's Quote (GET /api/quotes/today)**



- **AI Chatbot API**
  - **Motivational Chat with AI (POST /api/chatbot)**



HomeWorkspacesAPI Network

Upgrade

Collections

Environments

Flows

History

<http; •GET http; •GET http; •GET http; •POST http; •POST http; •GET http; •>+▼No environment▼

http://localhost:3001/api/chat

Save▼Share

POST▼http://localhost:3001/api/chat

Send▼

ParamsAuthorization●Headers (9)Body●ScriptsSettings

Cookies

Beautify

○none○form-data○x-www-form-urlencoded●raw○binary○GraphQLJSON▼

```
1 {
2   "message": "Explain how to cook pasta."
3 }
```

BodyCookiesHeaders (7)Test Results

200 OK • 2.17 s • 733 B •

{ }JSON▼▶Preview🔗Visualize▼

```
1
2   "reply": "Cooking pasta can be a delightful experience! While I can't provide a recipe, I
           encourage you to approach it with a spirit of creativity and experimentation! Remember, just
           like in life, cooking has its ups and downs, but every step is a chance to learn and enjoy
           the process. As you prepare your meal, think about the love and care you're putting into it;
           that positive energy can transform your dish and uplift your mood. Keep shining, and enjoy
           your cooking adventure! 🌟🍝"
3
```

HomeWorkspacesAPI Network

http://localhost:3001/api/chat

SaveShare

POST

http://localhost:3001/api/chat

Send

ParamsAuthorizationHeaders (9)BodyScriptsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQL JSON

CookiesBeautify

1 {  
2 | "message": "I feel overwhelmed with work"  
3 }

BodyCookiesHeaders (7)Test Results

200 OK3.80 s767 B

{ } JSON

PreviewVisualize

1 {  
2 | "reply": "It's completely normal to feel overwhelmed sometimes, especially with the demands of  
work. Remember to take a deep breath and pause for a moment. Break your tasks down into  
smaller, manageable steps and tackle them one at a time. Celebrate each small victory along  
the way! You are stronger than you think, and you've got this! Always remember that taking  
breaks is not just okay—it's essential for your well-being and productivity. You've come  
this far, and you can navigate through this! Keep pushing forward! 🌟"  
3 }

The screenshot displays the API Network interface. The top bar shows the workspace name 'API Network' and a search icon. The left sidebar contains navigation options: Collections, Environments, Flows, History, and a grid icon. The main area shows a POST request to `http://localhost:3001/api/chat`. The request body is a JSON object with a `message` field: `{ "message": "I am very stressed about my life" }`. The response is a 429 status code with the message `"error": "Daily limit of 5 chatbot calls reached"`. The response body is displayed in the 'Body' tab, which is selected. The response status is `429 Too Many Requests`, with a response time of `27 ms` and a size of `300 B`. The response body is a JSON object with an `error` field: `{ "error": "Daily limit of 5 chatbot calls reached" }`.

- **Conversation History Saved**

The screenshot shows the Postman API client interface. The top bar includes navigation icons, a search bar, and an 'Upgrade' button. The sidebar on the left contains 'Collections', 'Environments', 'Flows', and 'History'. The main workspace displays a GET request to `http://localhost:3001/api/chat`. The 'Authorization' tab is active, showing 'Bearer Token' as the auth type and a masked token. The 'Body' tab is selected, showing a JSON response with a status of '200 OK' and a response time of '25 ms'. The JSON response is as follows:

```
1 {
2   "conversations": [
3     {
4       "id": 9,
5       "userId": 1,
6       "message": "I am very stressed about my life",
7       "response": "It's completely normal to feel stressed sometimes, but remember that you
      have the strength to navigate through it. Take a deep breath and recognize that this
      moment doesn't define your entire journey. Consider taking a moment for
      yourself-maybe a short walk, some deep breaths, or journaling about what's on your
      mind. You are capable of finding your way through this! Keep going; brighter days
      are ahead. 🌟",
8       "timestamp": "2025-09-19T11:17:55.546Z"
9     },
10    {
11      "id": 8,
12      "userId": 1,
13      "message": "I feel overwhelmed with work",
14      "response": "It's completely normal to feel overwhelmed sometimes, especially with the
      demands of work. Remember to take a deep breath and pause for a moment. Break your
      tasks down into smaller, manageable steps and tackle them one at a time. Celebrate
      each small victory along the way! You are stronger than you think, and you've got
      this! Always remember that taking breaks is not just okay-it's essential for your
      well-being and productivity. You've come this far. and you can navigate through
```

- **Error Handling & Validation\**

HomeWorkspacesAPI Network

GET http:GET http:GET http:GET http:POST http:GET http:GET h

No environment

Upgrade

Collections

Environments

Flows

History

http://localhost:3001/api/chat

SaveShare

GEThttp://localhost:3001/api/chatSend

ParamsAuthorizationHeaders (8)BodyScriptsSettingsCookies

Auth Type

Bearer Token

Token

Token

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

BodyCookiesHeaders (7)Test Results

401 Unauthorized4 ms281 B

JSONPreviewVisualize

```
1 {
2   "message": "Authentication require"
3 }
```

ConsolePostbotRunnerVault

HomeWorkspacesAPI Network

http://localhost:3001/login

POST

Save

Share

POST

http://localhost:3001/login

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

2

3

4

{

"email": "gaur.harsh0014@gmail.com",

"password": "harsh14a"

}

Body

Cookies

Headers (7)

Test Results

401 Unauthorized

101 ms

284 B

{}

JSON

Preview

Visualize

1

2

3

{

"message": "Invalid email or password"

}

Home

Workspaces

API Network

Search

Settings

1

Upgrade

Lock

Collections

Environments

Flows

History

+

<

http://localhost:3001/signup

>

+

+

No environment

Save

Share

</>

↺

POST

http://localhost:3001/signup

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Cookies

Beautify

```
1 {
2   "name": "Harsh Demo",
3   "email": "gaur.harsh0014@gmail.com",
4   "password": "harsh14"
5 }
```

Body

Cookies

Headers (7)

Test Results

400 Bad Request

4 ms

282 B

⌵

⋮

JSON

Preview

Visualize

```
1 {
2   "message": "Email already registered"
3 }
```