

## Testing Scenario

1. Compression Service (http://localhost:8080)
  - a. No Auth Bearer Token

Request :

Assignment2 / Compression / New Request

POST http://localhost:8080/

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE
<input checked="" type="checkbox"/>	file	zoom_amd64.deb <input type="button" value="X"/>
	Key	Value

Assignment2 / Compression / New Request

POST http://localhost:8080/

Params Authorization **Headers (9)** Body Pre-request Script Tests Settings

Headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Cookie <sup>①</sup>	csrftoken=nT5bXAdxEgBT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token <sup>①</sup>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type <sup>①</sup>	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length <sup>①</sup>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host <sup>①</sup>	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent <sup>①</sup>	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept <sup>①</sup>	*/*
<input checked="" type="checkbox"/>	Accept-Encoding <sup>①</sup>	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection <sup>①</sup>	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results

Status: 401 Unauthorized Time: 135 ms Size: 157 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "need authorization header"
3 }
```

Request :

Assignment2 / Compression / **Compress File**

POST

http://localhost:8080/

Params

Authorization

Headers (10)

**Body**

Pre-request Script

Tests

Settings

☐ none

☒ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

KEY	VALUE
<input checked="" type="checkbox"/> file	LK4.zip ×
Key	Value

Assignment2 / Compression / **Compress File**

POST

http://localhost:8080/

Params

Authorization

**Headers (10)**

Body

Pre-request Script

Tests

Settings

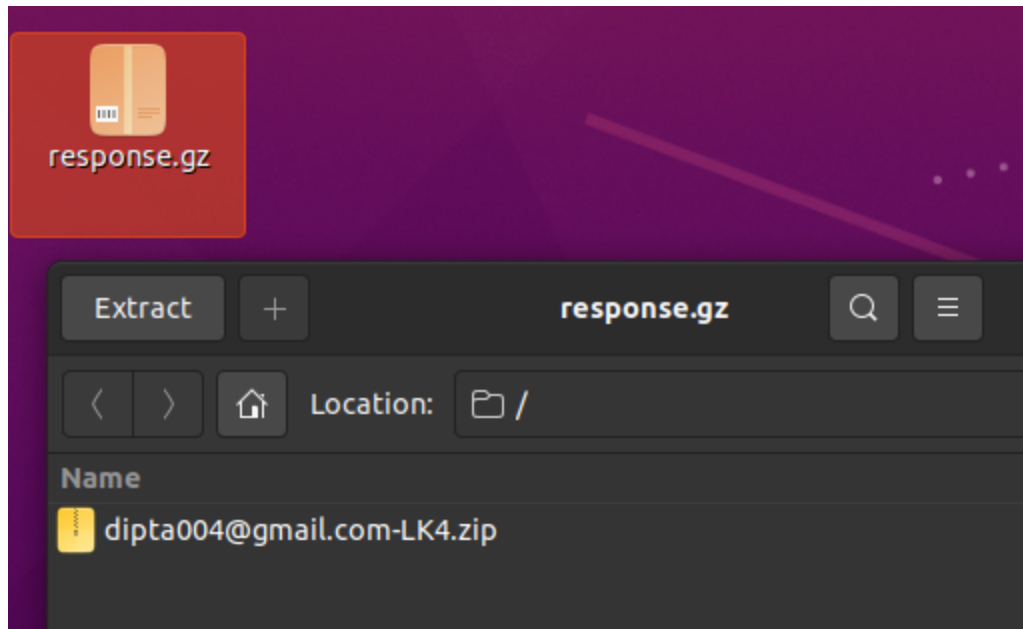
Headers

Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer ya29.a0AfH6SMBFNWcvESNKHQb0-t0A9E_YHnWaqKF3N8b0e30niVm0...
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEGbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type ⓘ	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	/*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive
	Key	Value

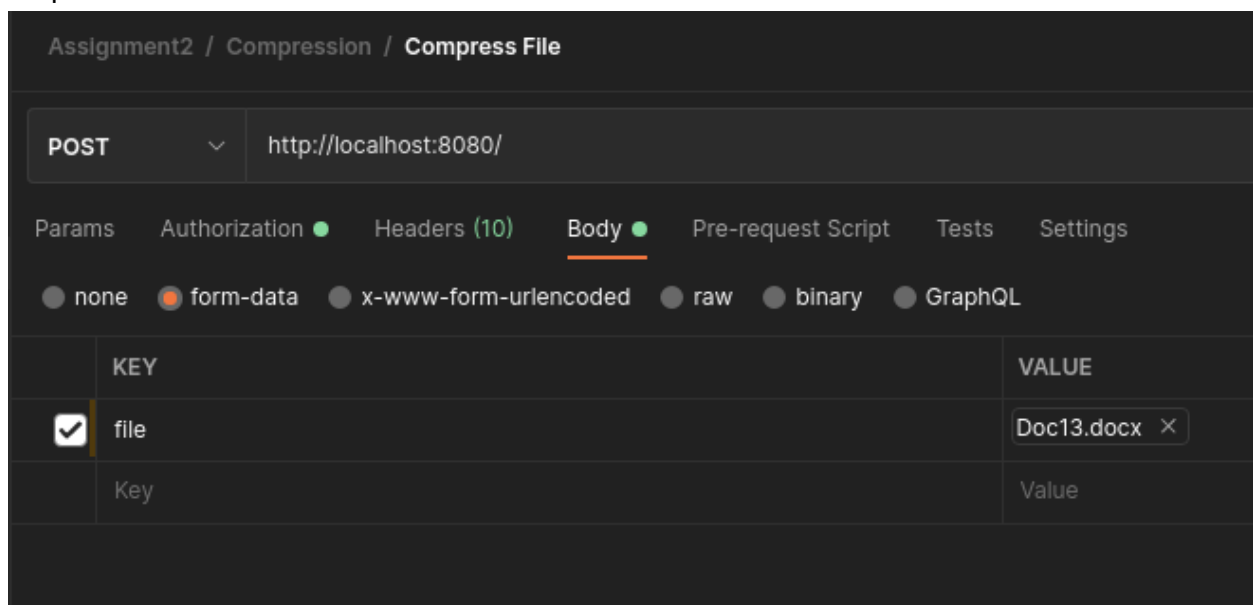
Response :

[illegible]



c. Token Invalid

Request :



Assignment2 / Compression / **Compress File**

**POST** ▼ http://localhost:8080/

Params Authorization ● **Headers (10)** Body ● Pre-request Script Tests Settings

Headers 🔗 Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer asdasd
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEGbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t.
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type ⓘ	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results ⊕ Status: 401 Unauthorized Time: 268 ms Size: 145 B

Pretty Raw Preview Visualize JSON ▼ 🔗

```
1
2  "message": "token invalid"
3
```

d. File Too Big (40 MB+)

Request :

**POST** ▼ http://localhost:8080/

Params Authorization ● Headers (10) **Body ●** Pre-request Script Tests Settings

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE
<input checked="" type="checkbox"/>	file	zoom_amd64.deb <span>×</span>
	Key	Value

Assignment2 / Compression / **Compress File**

**POST** ⌵ http://localhost:8080/


Params Authorization ● **Headers (10)** Body ● Pre-request Script Tests Settings

Headers 🔗 Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization <span>①</span>	Bearer ya29.a0AfH6SMBFNWcvESNKHQb0-t0A9E_YHnWaqKF3N8b0e30niVm0...
<input checked="" type="checkbox"/>	Cookie <span>①</span>	csrftoken=nT5bXAdxEGBt949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/>	Postman-Token <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type <span>①</span>	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent <span>①</span>	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept <span>①</span>	*/*
<input checked="" type="checkbox"/>	Accept-Encoding <span>①</span>	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection <span>①</span>	keep-alive
	Key	Value

Response :

Response



Could not get response

Error: write ECONNRESET [View in Console](#)

[Learn more about troubleshooting API requests](#)

2. Storage Service (http://localhost:8081)
  - a. Upload without Auth Bearer Token

Request :

Assignment2 / Storage / Upload File

POST http://localhost:8081/

Params Authorization Headers (9) Body Pre-request Script Tests Settings

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

	KEY	VALUE
<input checked="" type="checkbox"/>	file	LK4.zip ×
<input checked="" type="checkbox"/>	root	some_root
	Key	Value

Assignment2 / Storage / Upload File

POST http://localhost:8081/

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Headers Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type ⓘ	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive
	Key	Value

Response :

Body Cookies (1) Headers (3) Test Results

Status: 401 Unauthorized Time: 135 ms Size: 157 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "need authorization header"
3 }
```

## b. Upload with Auth Bearer Token

Request :

Assignment2 / Storage / Upload File

POST ⌵ http://localhost:8081/

Params Authorization Headers (9) **Body** ● Pre-request Script Tests Settings

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE
<input checked="" type="checkbox"/>	file	LK4.zip <span>×</span>
<input checked="" type="checkbox"/>	root	some_root
	Key	Value

POST ⌵ http://localhost:8081/

Params Authorization ● **Headers (10)** ● Body ● Pre-request Script Tests Settings

Headers ⚙ Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization <span>①</span>	Bearer ya29.a0AfH6SMBFNWcvESNKHQb0-t0A9E_YHnWaqKF3N8b0e30niVm...
<input checked="" type="checkbox"/>	Cookie <span>①</span>	csrftoken=nT5bXAdxEGbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type <span>①</span>	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent <span>①</span>	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept <span>①</span>	*/*
<input checked="" type="checkbox"/>	Accept-Encoding <span>①</span>	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection <span>①</span>	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results ⊕ Status: 200 OK Time: 284 ms Size: 201 B

Pretty Raw Preview Visualize JSON ⌵ ≡

```
1  {
2    "LK4.zip": "http://localhost:8081/assets/114863948942676136496/some_root/1616465130-LK4.zip"
3  }
```

### c. Download without Auth Token

Disini saya pasang auth token karena download pada umumnya langsung menggunakan link yang ada tanpa mengatur header terlebih dahulu.

Request :

Assignment2 / Storage / Download File

GET ▼ http://localhost:8081/assets/114863948942676136496/some\_root/1616465130-LK4.zip?access\_token= ...

Params ● Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE
<input checked="" type="checkbox"/>	access_token	
	Key	Value

Headers 🔗 Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Cookie <span>①</span>	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/>	Postman-Token <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host <span>①</span>	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent <span>①</span>	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept <span>①</span>	*/*
<input checked="" type="checkbox"/>	Accept-Encoding <span>①</span>	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection <span>①</span>	keep-alive
	Key	Value

Response:

Body Cookies (1) Headers (3) Test Results ⊕ Status: 401 Unauthorized Time: 135 ms Size: 157 B

Pretty Raw Preview Visualize JSON ▼ 🔗

```
1  [
2  "message": "need authorization header"
3  ]
```



Request :

Assignment2 / Storage / Download File

GET

⌵

http://localhost:8081/assets/114863948942676136496/some\_root/1616465130-LK4.zip?access\_token=ya29.a0AfH6SMBFNWcvESNKHQb0-t0A9E\_YHnWaqKF3N8b0e30niVm0HT5whvL7qGw2tYj1e\_1FOKuw1bW\_pMZMrwZYe\_vW4X7E2CXtmyXnNGPllwvE1QpZqq\_kr6PAnJxT0rtPtz50e4qZtWsP46An1Bc8xOUoSCcA

Params

Authorization

Headers (7)

Body









Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
<input checked="" type="checkbox"/> access_token	ya29.a0AfH6SMBFNWcvESNKHQb0-t0A9E_YHnWaqKF3N8b0e30niVm0HT5whvL7qGw2tYj1e_1FOKuw1bW_pMZMrwZYe_vW4X7E2CXtmyXnNGPllwvE1QpZqq_kr6PAnJxT0rtPtz50e4qZtWsP46An1Bc8xOUoSCcA
Key	

Headers  Hide auto-generated headers		
	KEY	VALUE
<input checked="" type="checkbox"/>	Cookie 	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/>	Postman-Token 	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host 	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent 	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept 	*/*
<input checked="" type="checkbox"/>	Accept-Encoding 	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection 	keep-alive
	Key	Value

Response :

e. Token Invalid

Request :

Assignment2 / Storage / Upload File

POST ⌵ http://localhost:8081/

Params Authorization Headers (9) **Body** ● Pre-request Script Tests Settings

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

	KEY	VALUE
<input checked="" type="checkbox"/>	file	LK4.zip ×
<input checked="" type="checkbox"/>	root	some_root
	Key	Value

Assignment2 / Storage / Upload File

POST ⌵ http://localhost:8081/

Params Authorization ● **Headers (10)** ● Body ● Pre-request Script Tests Settings

Headers ⌵ Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer asdsadas
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type ⓘ	multipart/form-data; boundary=<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Length ⓘ	<calculated when request is sent>

Response :

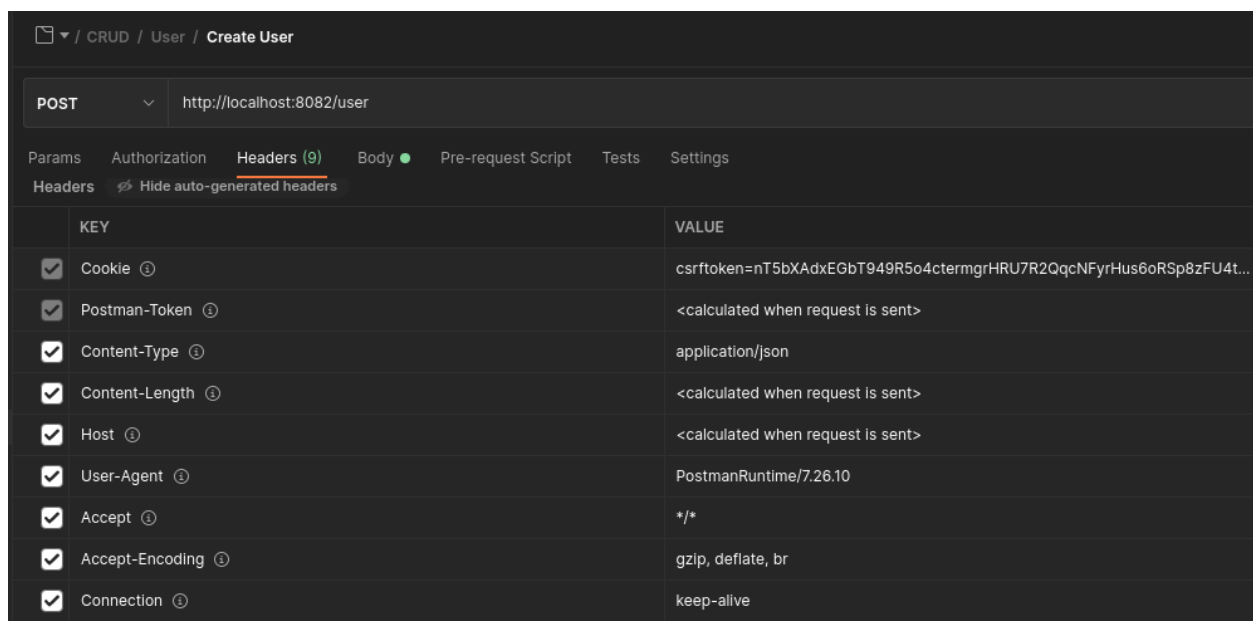
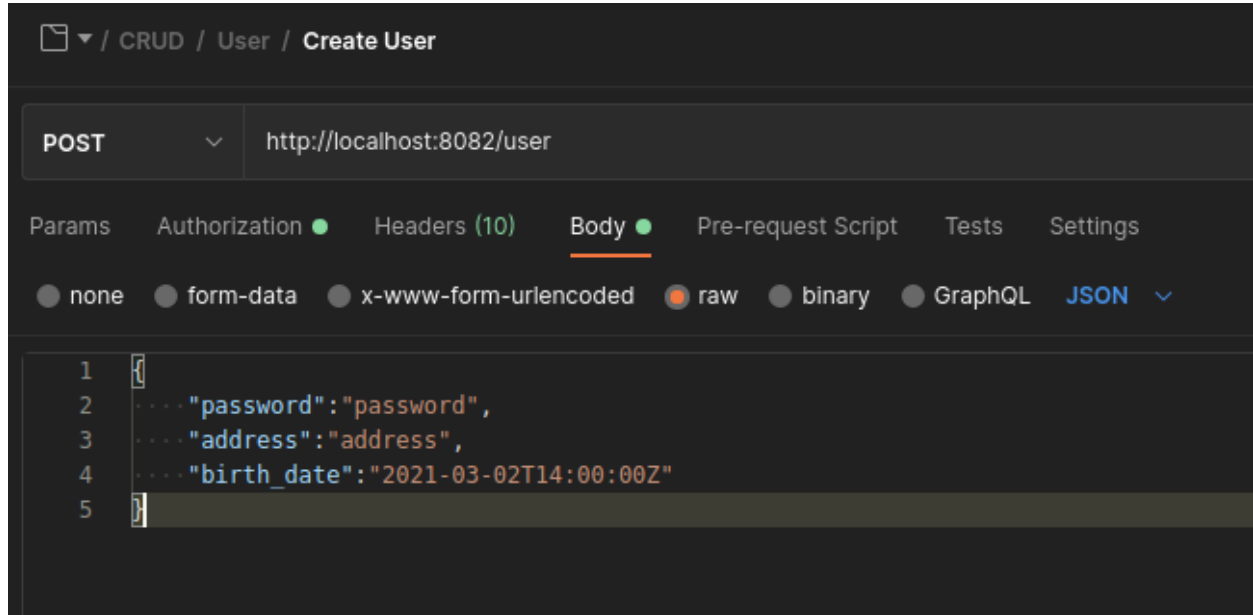
**Body** Cookies (1) Headers (3) Test Results

Pretty Raw Preview Visualize JSON ⌵ ⌵

```
1  {
2    "message": "token invalid"
3  }
```

3. CRUD Service (http://localhost:8082)
  - a. Create
    - i. User
      1. No Auth Bearer Token

Request :

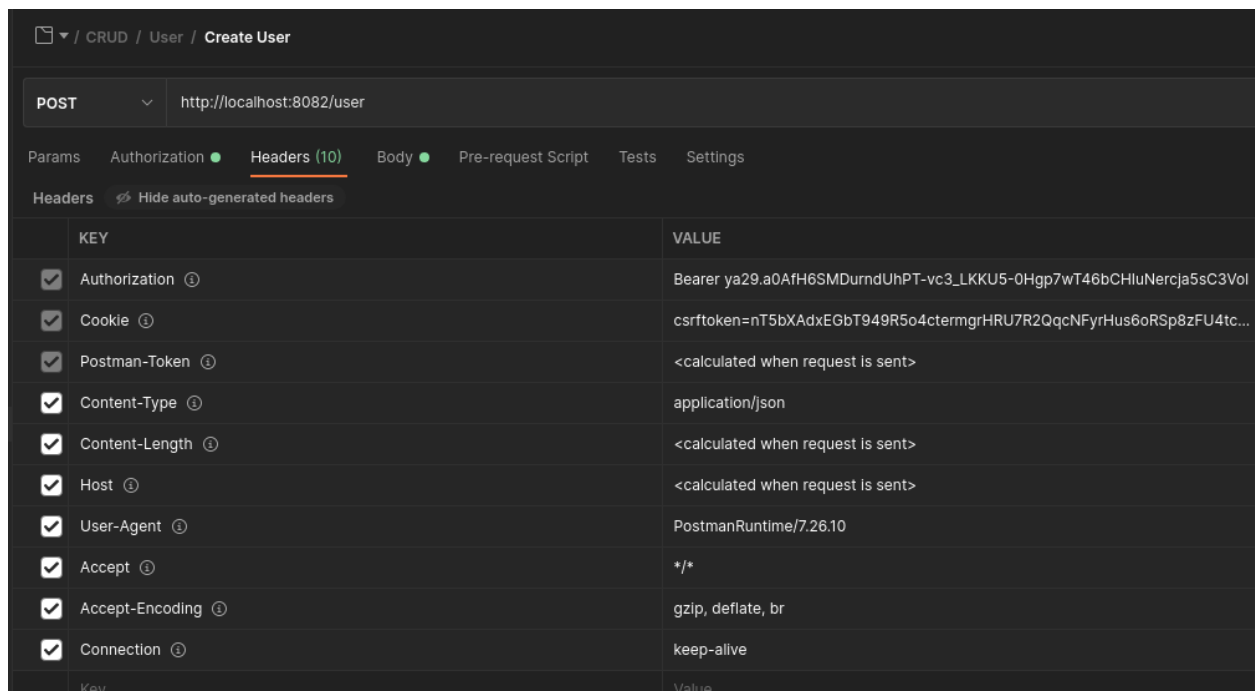
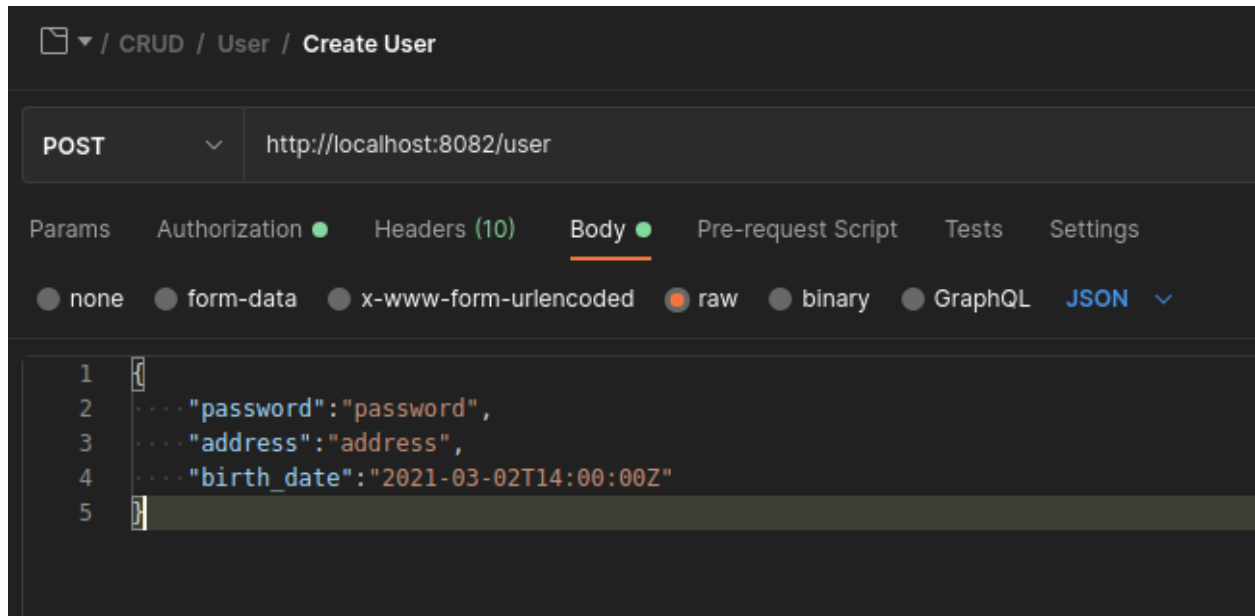


Response :



## 2. With Auth Bearer Token

Request :

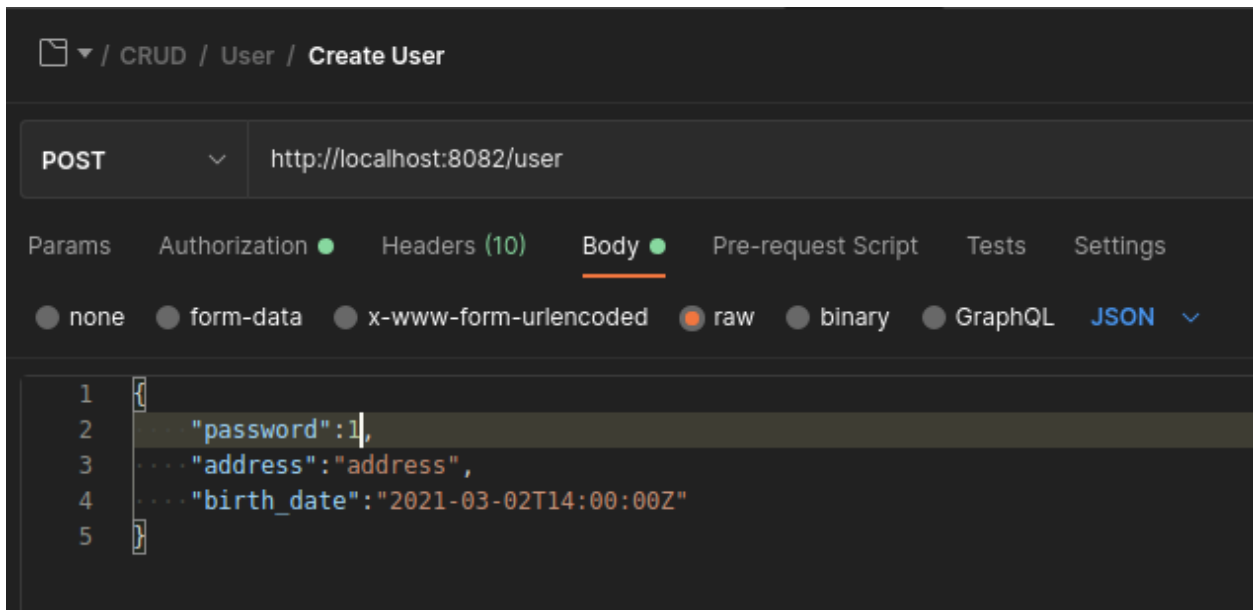


Response :



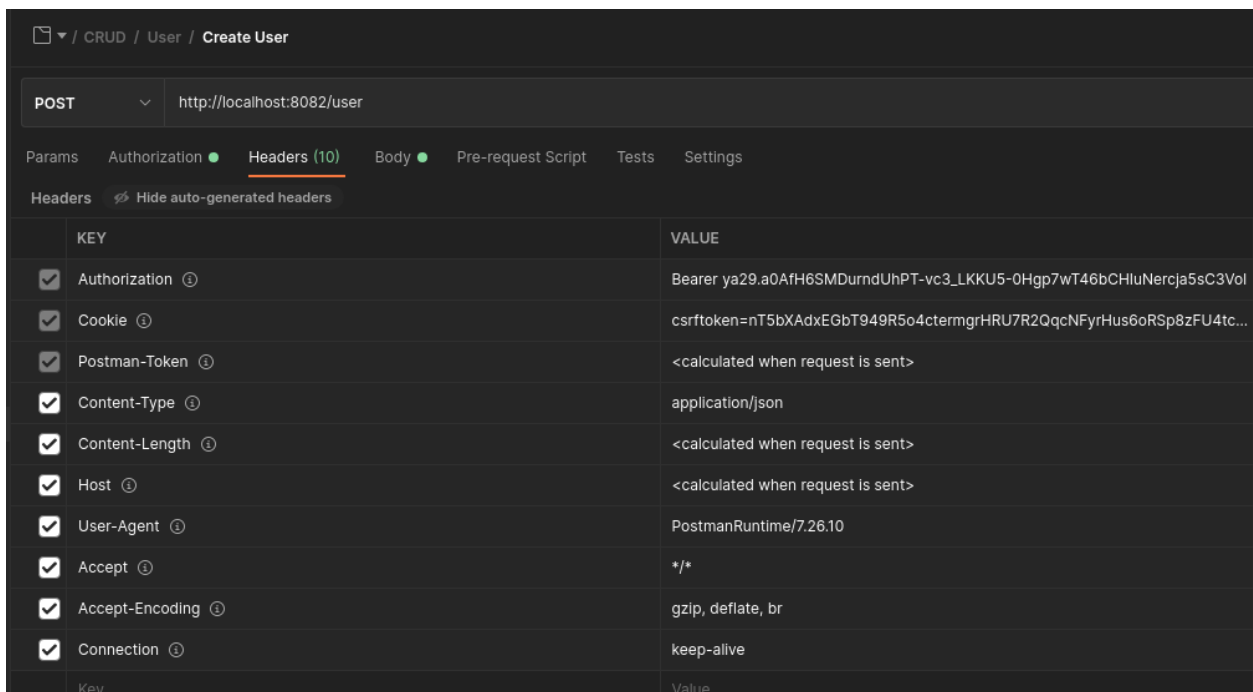
### 3. Wrong Field

#### Request



The screenshot shows the Postman interface for a POST request to `http://localhost:8082/user`. The 'Body' tab is selected, and the request body is a JSON object with the following fields:

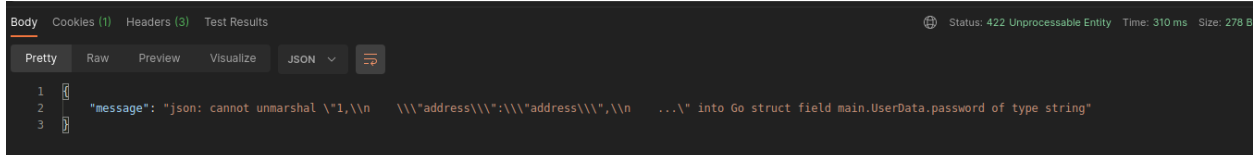
```
1 {  
2   "password": "1",  
3   "address": "address",  
4   "birth_date": "2021-03-02T14:00:00Z"  
5 }
```



The screenshot shows the 'Headers' tab for the same POST request. It lists 10 headers, including Authorization, Cookie, Postman-Token, Content-Type, Content-Length, Host, User-Agent, Accept, Accept-Encoding, and Connection.

KEY	VALUE
Authorization	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3Vol
Cookie	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
Postman-Token	<calculated when request is sent>
Content-Type	application/json
Content-Length	<calculated when request is sent>
Host	<calculated when request is sent>
User-Agent	PostmanRuntime/7.26.10
Accept	*/*
Accept-Encoding	gzip, deflate, br
Connection	keep-alive

#### Response :

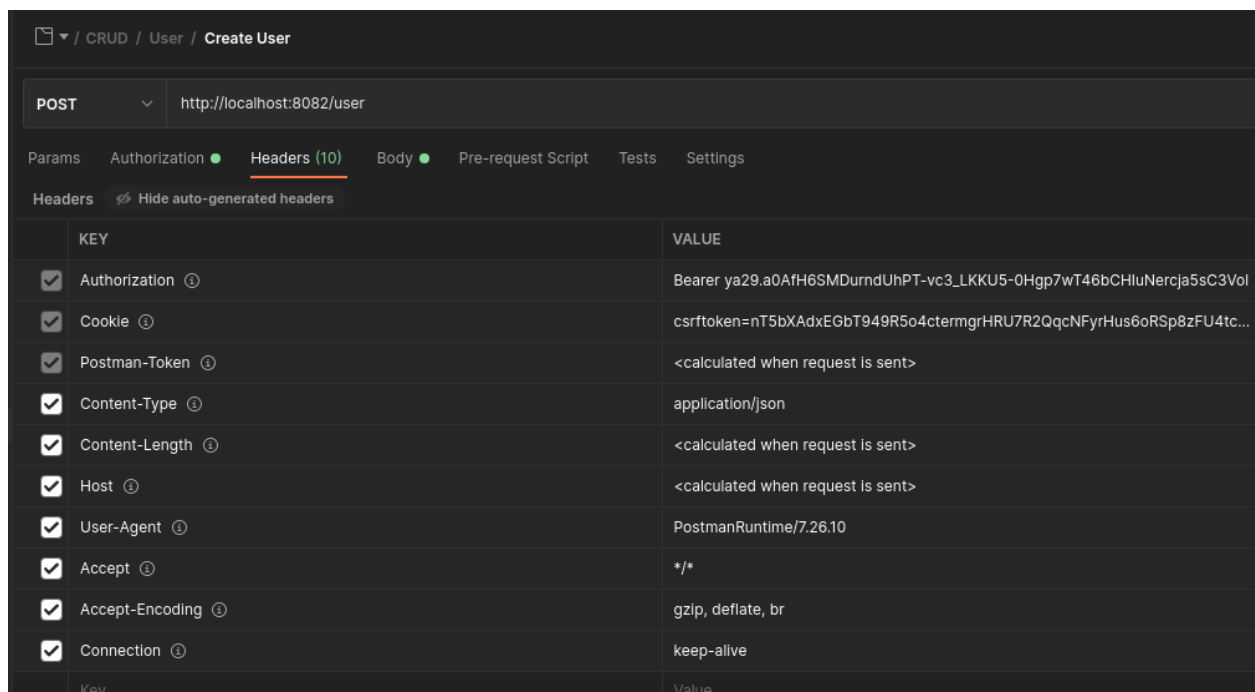
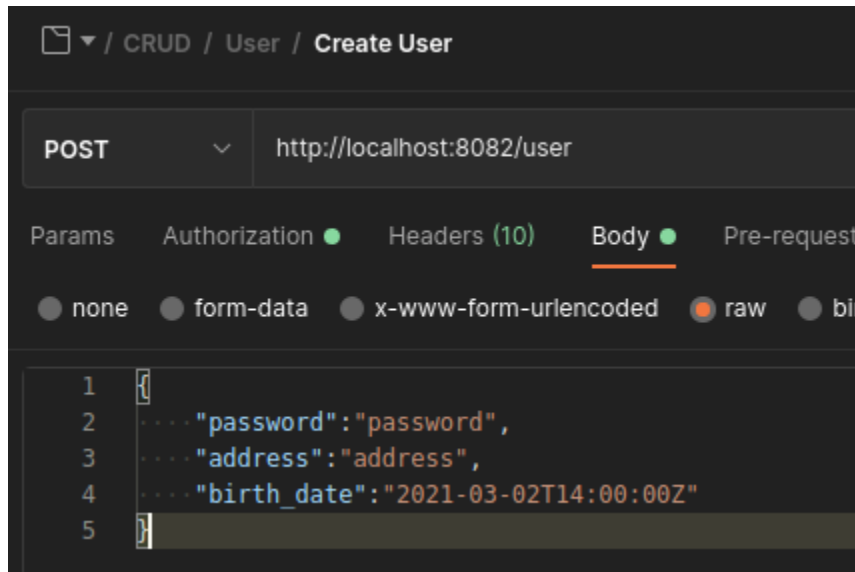


The screenshot shows the 'Body' tab of the response, which is a JSON object with a message field. The message indicates a JSON unmarshaling error in Go.

```
1 {  
2   "message": "json: cannot unmarshal \\\"1,\\\"n  \\\"\\\"address\\\"\\\" into Go struct field main.UserData.password of type string"  
3 }
```

#### 4. Already Registered

Request :



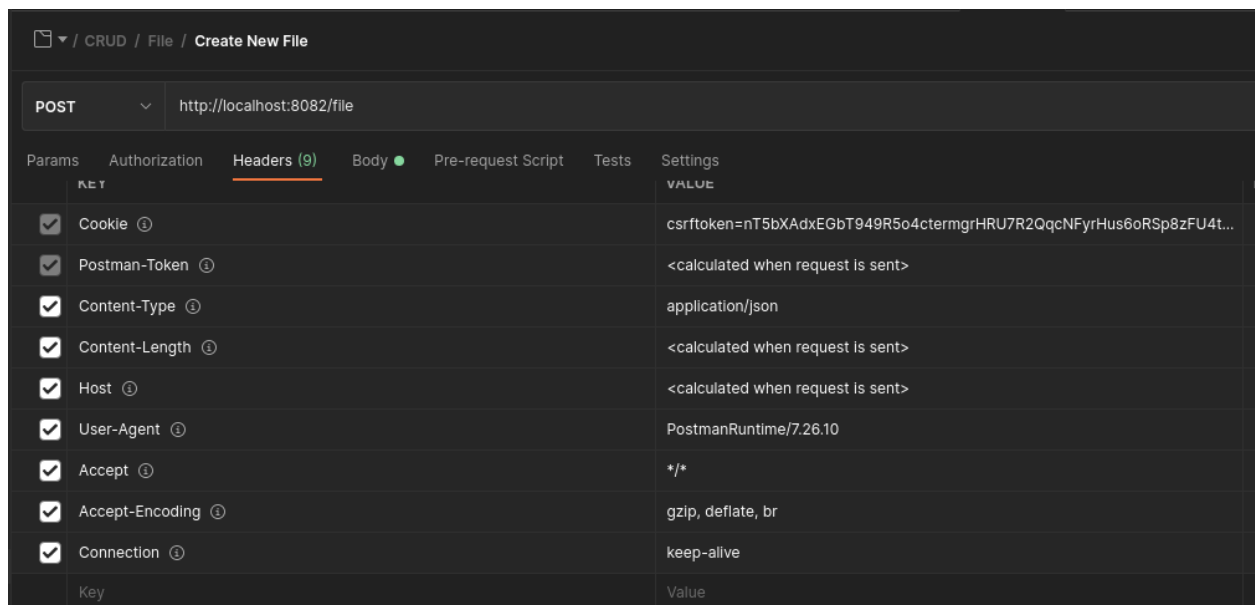
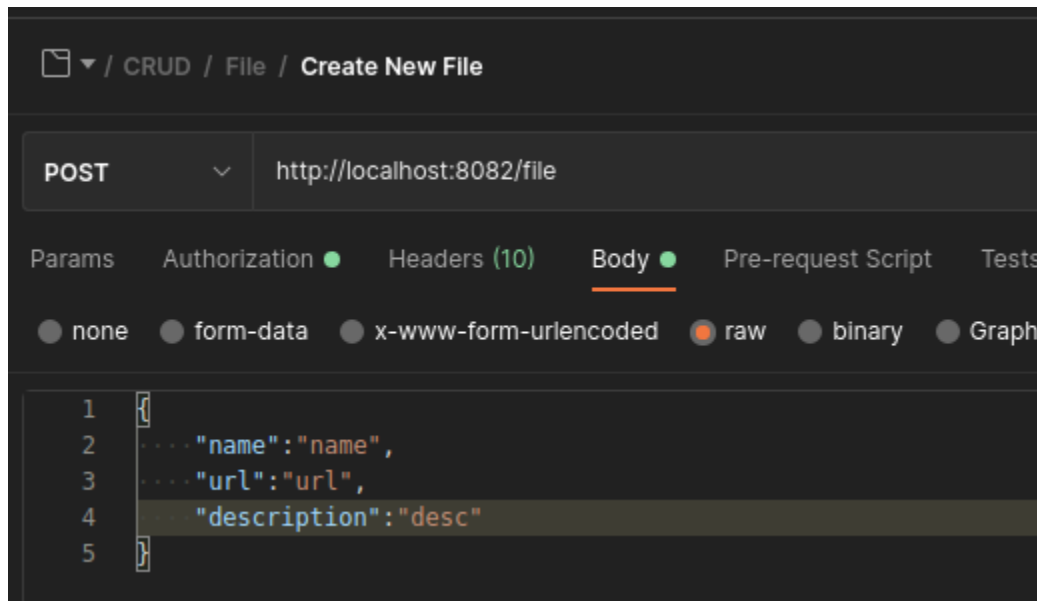
Response :



ii. File

1. No Auth Bearer Token

Request :

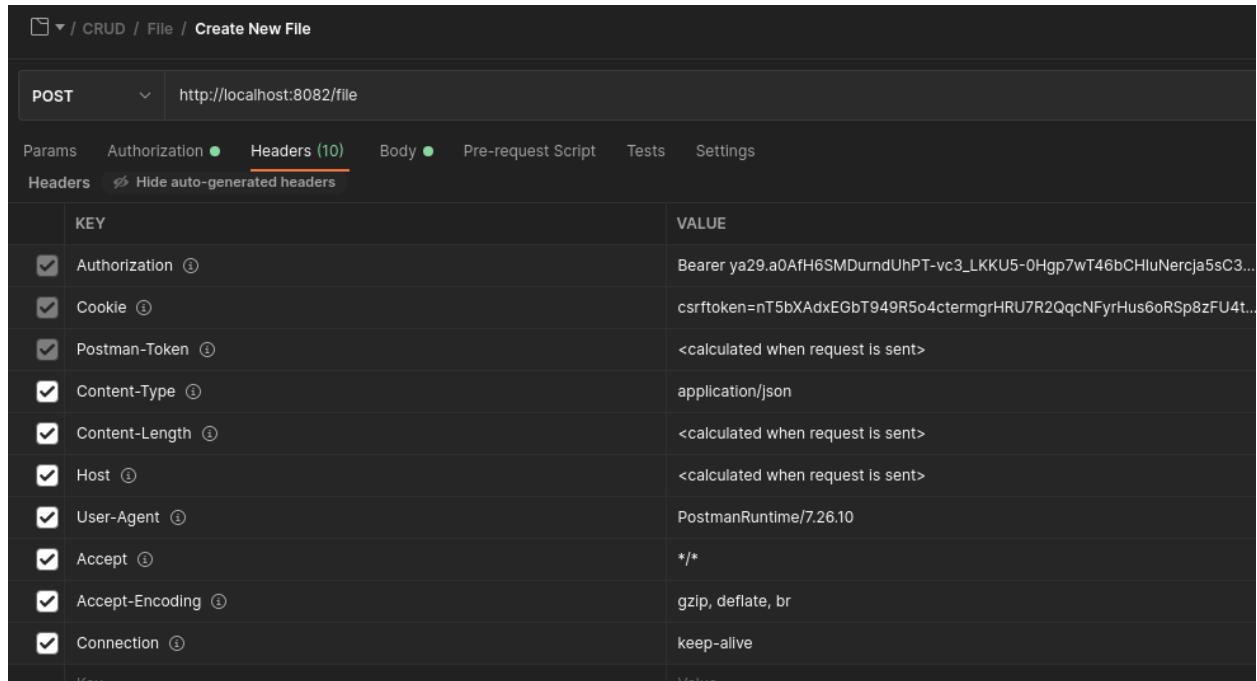
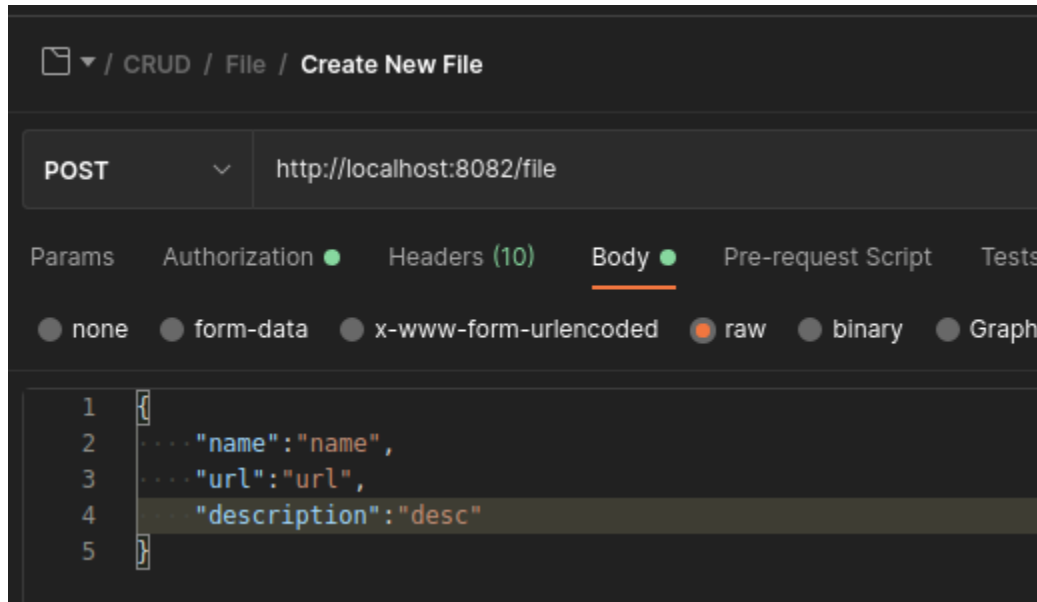


Response :

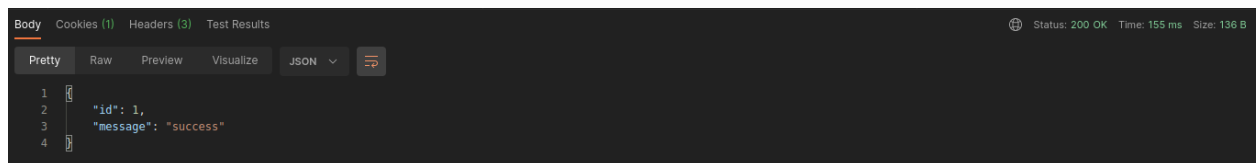


## 2. With Auth Bearer Token

Request :



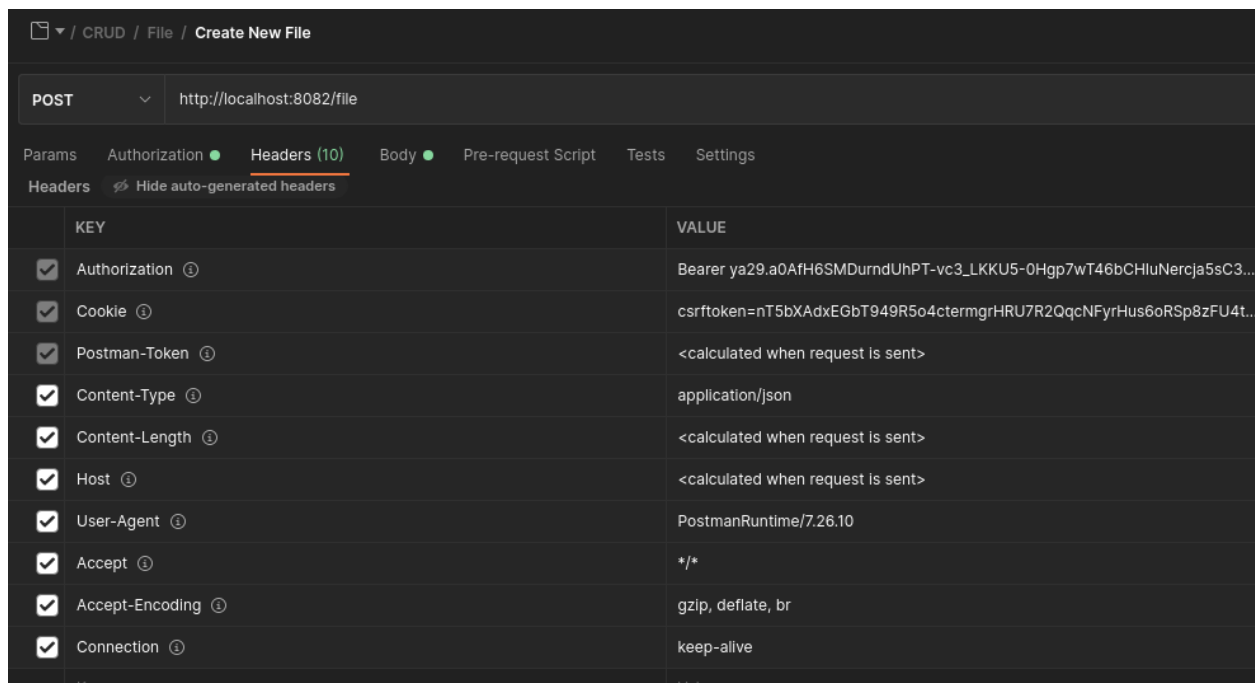
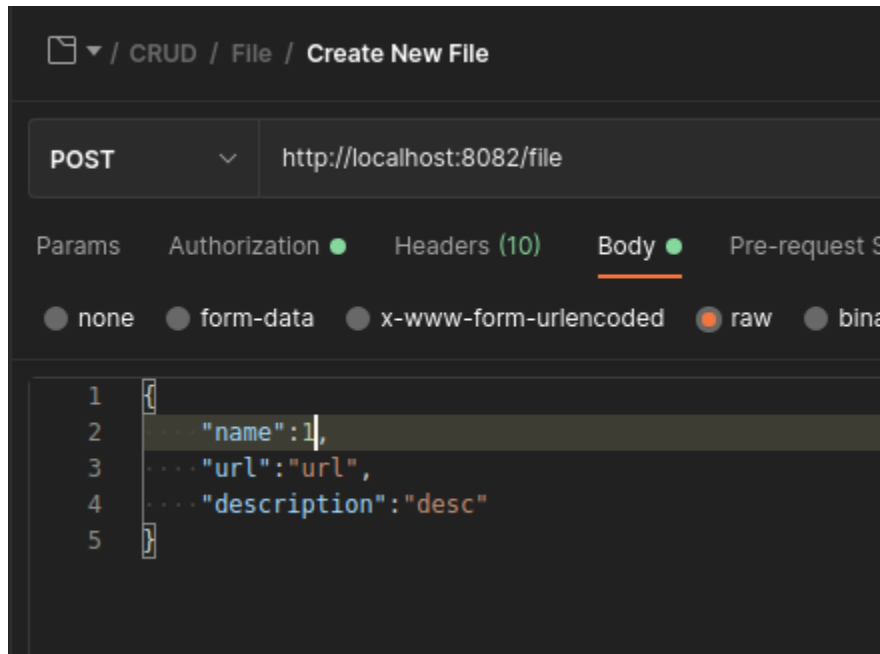
Response :



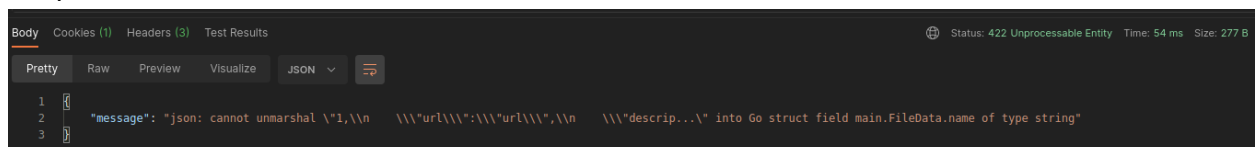


### 3. Wrong Field

Request :



Response :



- b. Get
  - i. User
    - 1. No Auth Bearer Token

Request :

CRUD / User / Get User Data

GEThttp://localhost:8082/user

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

HeadersHide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive
	Key	Value

Response :

BodyCookies (1)Headers (3)Test Results

Status: 401 UnauthorizedTime: 3 msSize: 157 B

PrettyRawPreviewVisualizeJSON

```
1 {
2   "message": "need authorization header"
3 }
```

- 2. With Auth Bearer Token

Request :

CRUD / User / Get User Data

GEThttp://localhost:8082/user

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

HeadersHide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3...
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive

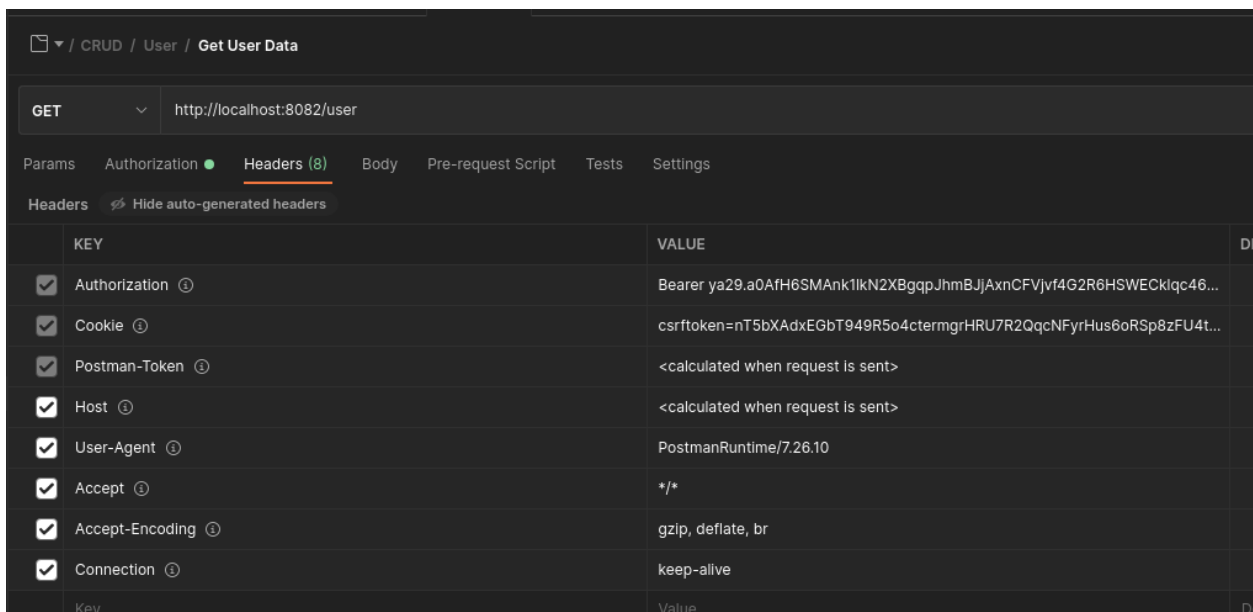
Response :



```
1 {
2   "password": "password",
3   "address": "address",
4   "birth_date": "2021-03-02T14:00:00Z",
5   "email": "dipta004@gmail.com",
6   "id": 1,
7   "files": [
8     {
9       "name": "name",
10      "url": "url",
11      "description": "desc",
12      "user_email": "dipta004@gmail.com",
13      "id": 1
14    }
15  ]
16 }
```

### 3. User Not Found

Request :



KEY	VALUE
Authorization	Bearer ya29.a0AfH6SMAnk1lK2XBgqpJhmBJJAxnCFVjv4G2R6HSWEcklqc46...
Cookie	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
Postman-Token	<calculated when request is sent>
Host	<calculated when request is sent>
User-Agent	PostmanRuntime/7.26.10
Accept	*/*
Accept-Encoding	gzip, deflate, br
Connection	keep-alive

Response :



```
1 {
2   "message": "user not found"
3 }
```

## ii. File

### 1. No Auth Bearer Token

Request :

CRUD / File / Get File by ID

GET ▼ http://localhost:8082/file/:id

Params ● Authorization ● Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE
Key	Value

Path Variables

KEY	VALUE
id	1

GET ▼ http://localhost:8082/file/:id

Params ● Authorization Headers (7) Body Pre-request Script Tests Settings

Headers 🔧 Hide auto-generated headers

KEY	VALUE
<input checked="" type="checkbox"/> Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/> Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/> Accept ⓘ	*/*
<input checked="" type="checkbox"/> Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/> Connection ⓘ	keep-alive
Key	Value

Response :

Body Cookies (1) Headers (3) Test Results 🔍 Status: 401 Unauthorized Time: 3 ms Size: 157 B

Pretty Raw Preview Visualize JSON ▼ 🔧

```
1 {
2   "message": "need authorization header"
3 }
```

## 2. With Auth Bearer Token

Request :

The screenshot shows the Postman interface for a GET request to `http://localhost:8082/file/:id`. The 'Query Params' tab is selected, displaying a table with two columns: 'KEY' and 'VALUE'. The table contains one entry: 'Key' with the value 'Value'.

KEY	VALUE
Key	Value

The screenshot shows the Postman interface for the same GET request, but with the 'Headers' tab selected. It displays a table of headers with columns 'KEY' and 'VALUE'. Several headers are checked, including Authorization (Bearer token), Cookie (csrftoken), Postman-Token, Host, User-Agent, Accept, Accept-Encoding, and Connection.

KEY	VALUE
<input checked="" type="checkbox"/> Authorization ⓘ	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3...
<input checked="" type="checkbox"/> Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/> Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/> Accept ⓘ	*/*
<input checked="" type="checkbox"/> Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/> Connection ⓘ	keep-alive

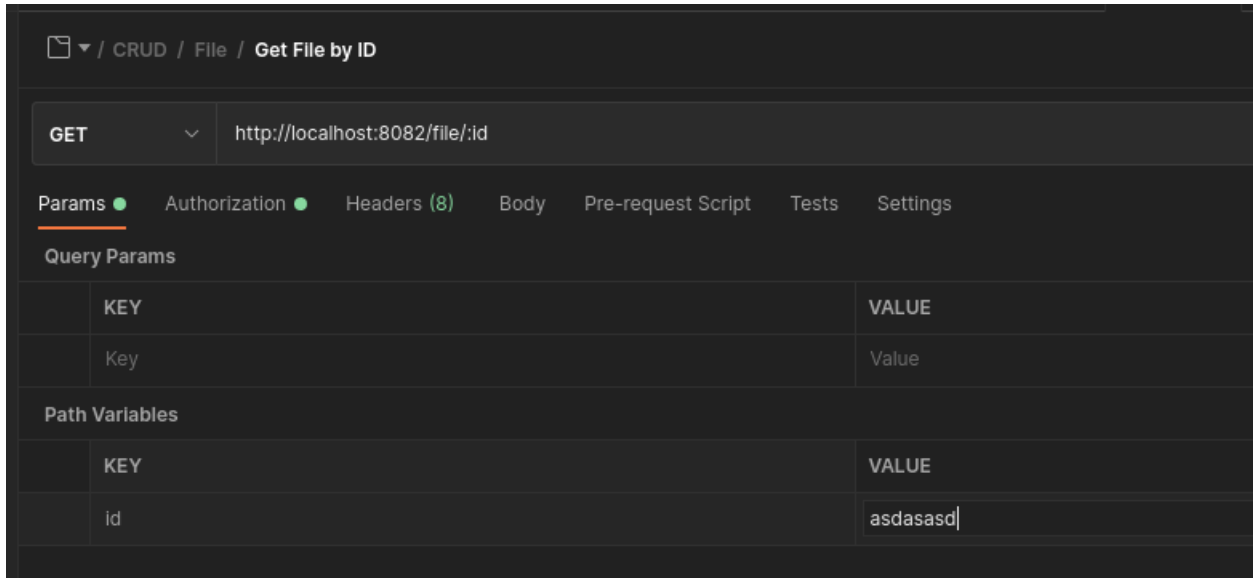
Response :

The screenshot shows the Postman interface displaying the response body in the 'Pretty' view. The response is a JSON object with the following structure:

```
1 {
2   "name": "name",
3   "url": "url",
4   "description": "desc",
5   "user_email": "dipta004@gmail.com",
6   "id": 1
7 }
```

### 3. Invalid ID

Request :

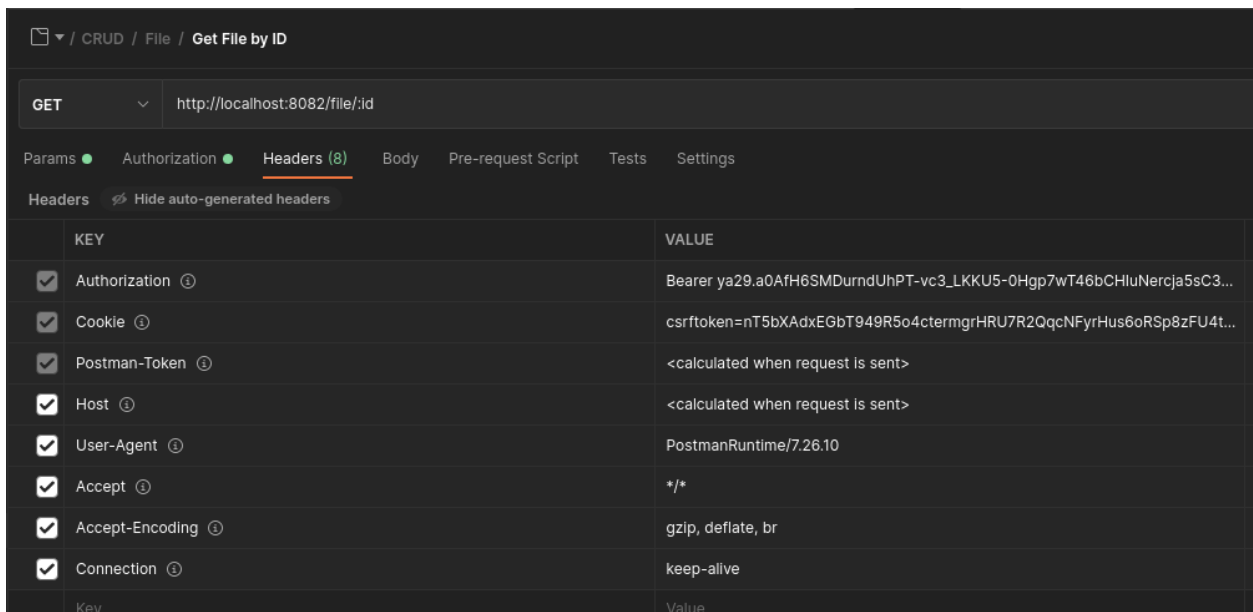


Postman interface showing the request configuration for "Get File by ID". The request method is GET and the URL is `http://localhost:8082/file/:id`. The "Params" tab is selected, showing a single query parameter:

KEY	VALUE
Key	Value

Below the query parameters, the "Path Variables" section shows a single variable:

KEY	VALUE
id	asdasasd



Postman interface showing the request configuration for "Get File by ID". The request method is GET and the URL is `http://localhost:8082/file/:id`. The "Headers" tab is selected, showing 8 headers:

KEY	VALUE
Authorization	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3...
Cookie	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
Postman-Token	<calculated when request is sent>
Host	<calculated when request is sent>
User-Agent	PostmanRuntime/7.26.10
Accept	*/*
Accept-Encoding	gzip, deflate, br
Connection	keep-alive

Response :



Postman interface showing the response body. The status is 400 Bad Request, Time: 182 ms, Size: 149 B. The response body is displayed in JSON format:

```
{  "message": "id must be integer"}
```

#### 4. File Not Found

Request :

CRUD / File / Get File by ID

GET http://localhost:8082/file/id

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE
Key	Value

Path Variables

KEY	VALUE
id	2

CRUD / File / Get File by ID

GET http://localhost:8082/file/id

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Headers Hide auto-generated headers

KEY	VALUE
<input checked="" type="checkbox"/> Authorization ⓘ	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3...
<input checked="" type="checkbox"/> Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/> Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/> Accept ⓘ	*/*
<input checked="" type="checkbox"/> Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/> Connection ⓘ	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results

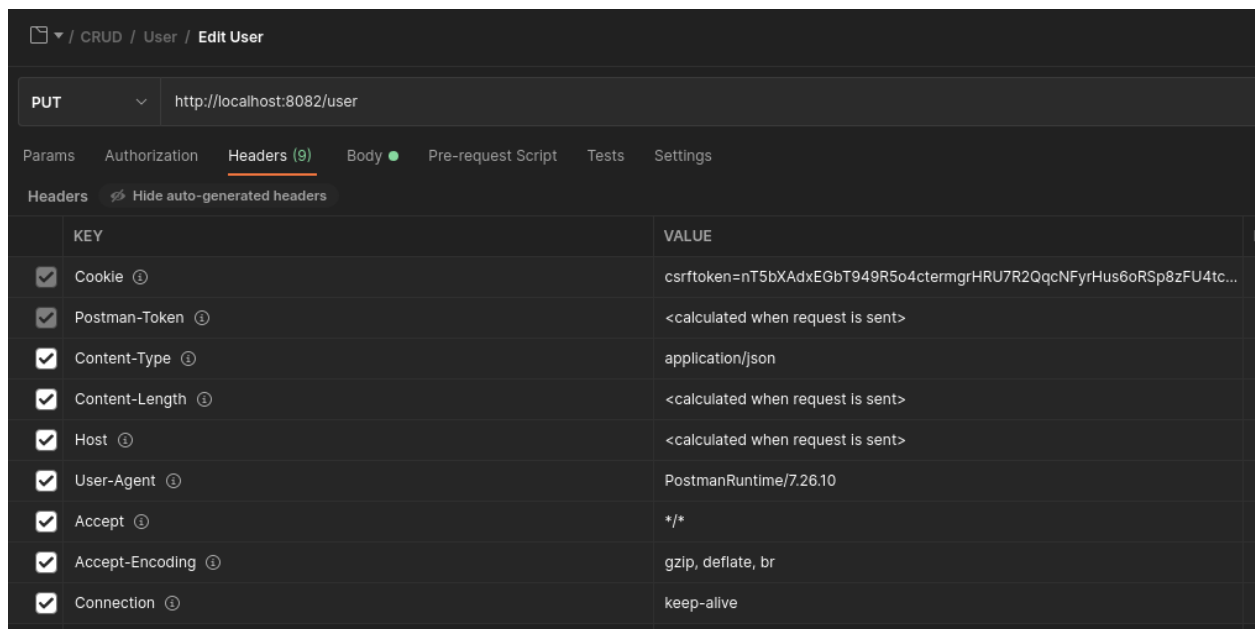
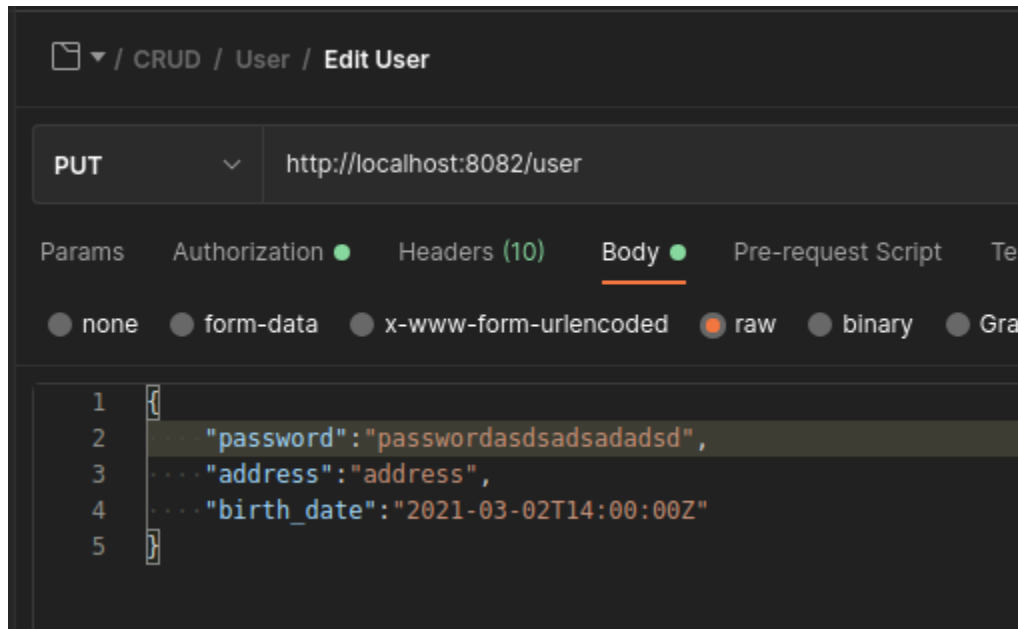
Status: 400 Bad Request Time: 55 ms Size: 145 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "file not found"
3 }
```

- c. Update
  - i. User
    - 1. No Auth Bearer Token

Request :



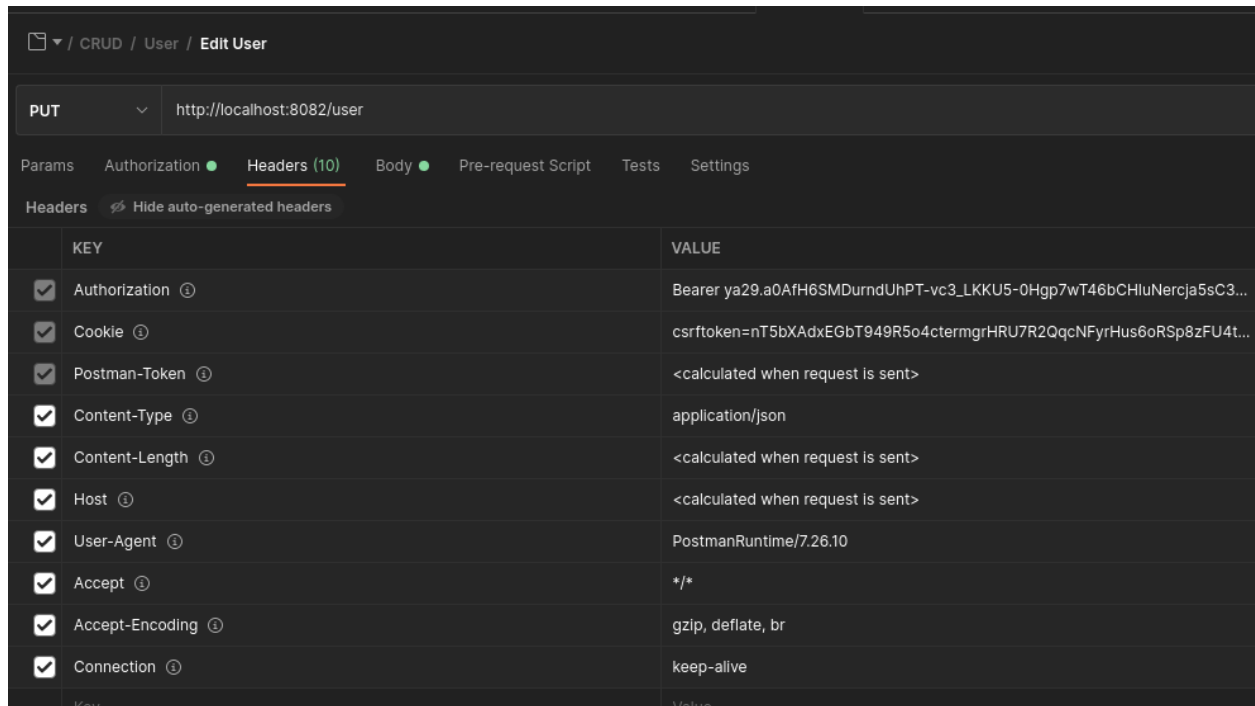
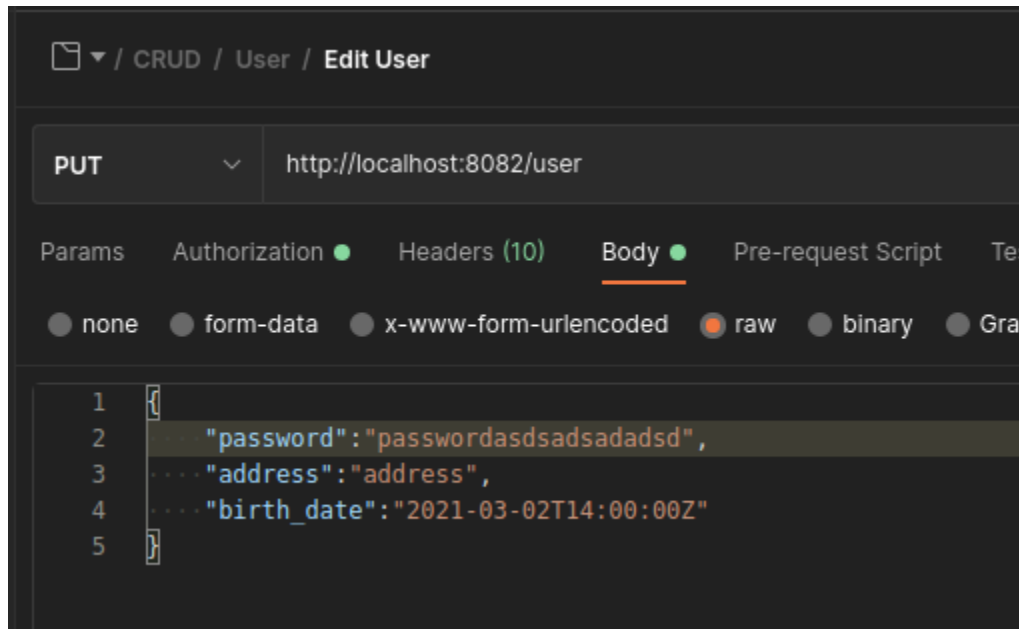
Response :



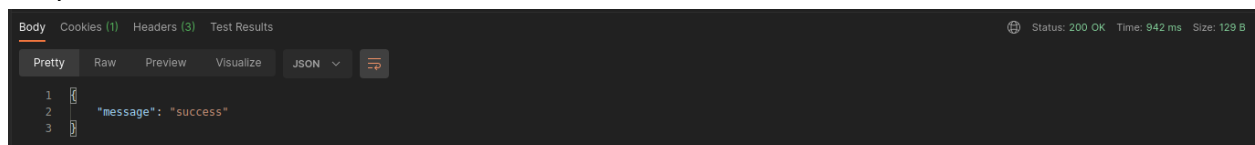


## 2. With Auth Bearer Token

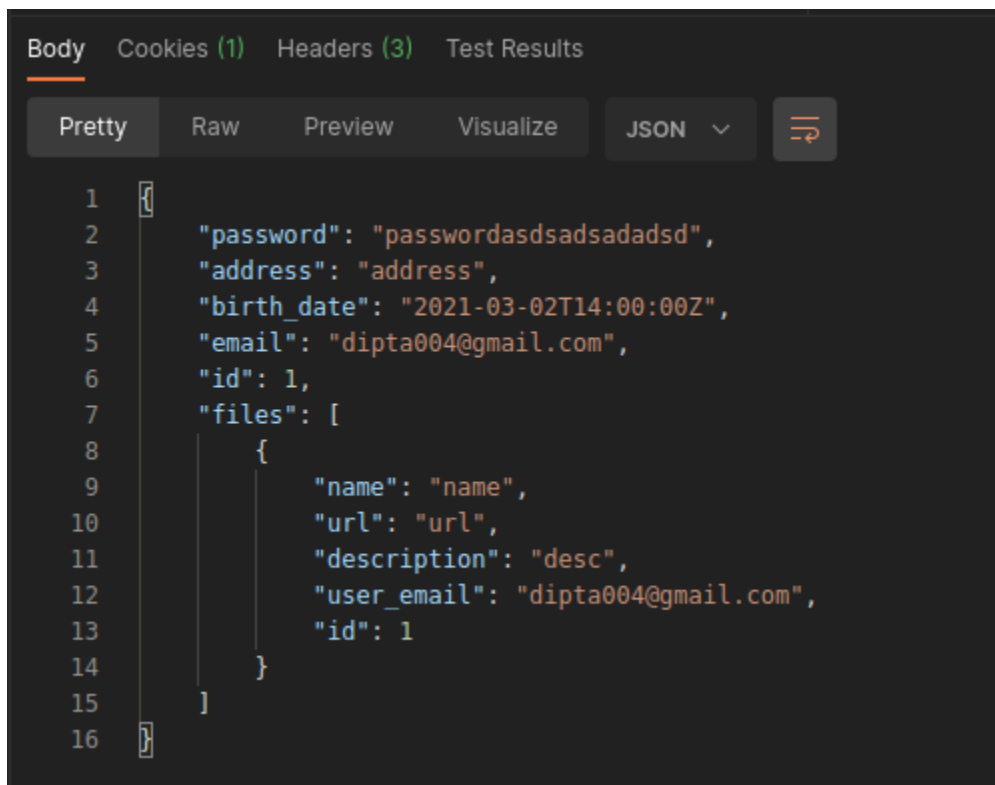
Request :



Response :



Get User Data :

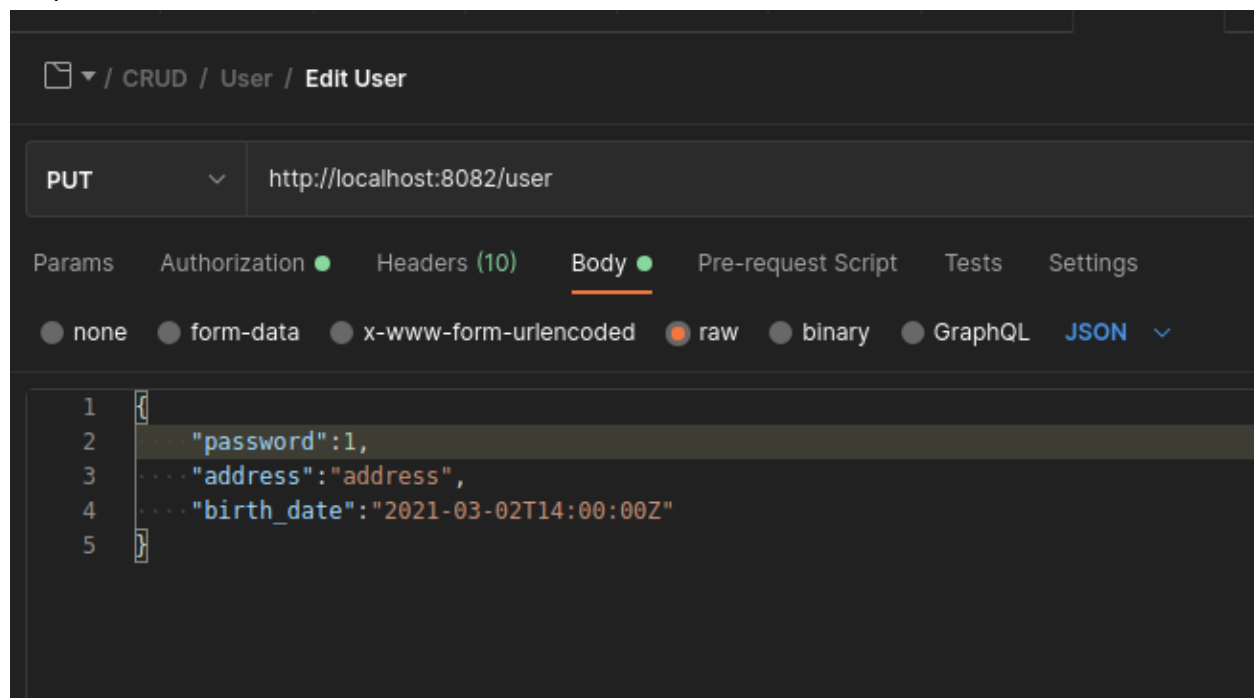


The screenshot shows a REST client interface with tabs for Body, Cookies (1), Headers (3), and Test Results. The Body tab is selected, and the response is displayed in a 'Pretty' JSON format. The JSON object contains user details and a list of files.

```
1 {
2   "password": "passwordasdsadsadadsd",
3   "address": "address",
4   "birth_date": "2021-03-02T14:00:00Z",
5   "email": "dipta004@gmail.com",
6   "id": 1,
7   "files": [
8     {
9       "name": "name",
10      "url": "url",
11      "description": "desc",
12      "user_email": "dipta004@gmail.com",
13      "id": 1
14    }
15  ]
16 }
```

### 3. Wrong Field

Request :



The screenshot shows a REST client interface for a PUT request to 'http://localhost:8082/user'. The request body is in JSON format, but it contains a typo in the password field ('password:1' instead of 'passwordasdsadsadadsd').

```
1 {
2   "password":1,
3   "address":"address",
4   "birth_date":"2021-03-02T14:00:00Z"
5 }
```

CRUD / User / Edit User

PUT http://localhost:8082/user

Params Authorization Headers (10) Body Pre-request Script Tests Settings

Headers Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3...
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type ⓘ	application/json
<input checked="" type="checkbox"/>	Content-Length ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results

Status: 422 Unprocessable Entity Time: 62 ms Size: 239 B

Pretty Raw Preview Visualize JSON

```

1 {
2   "message": "json: expected ':' after object field key but found '': ;1,\n  \"address\":\"address\", \n  ..."
3 }

```

#### 4. User Not Found

Request :

CRUD / User / Edit User

PUT http://localhost:8082/user

Params Authorization Headers (10) Body Pre-request Script Tests

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

```

1 {
2   "password": "passwordasdsadsadadsd",
3   "address": "address",
4   "birth_date": "2021-03-02T14:00:00Z"
5 }

```

CRUD / User / Edit User

PUT http://localhost:8082/user

Params Authorization Headers (10) Body Pre-request Script Tests Settings

Headers Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ①	Bearer ya29.a0AfH6SMB4nqEpEdmQ9np6sMI73x7bLjG6wnlq4eP3HGcshkveh...
<input checked="" type="checkbox"/>	Cookie ①	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token ①	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type ①	application/json
<input checked="" type="checkbox"/>	Content-Length ①	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ①	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ①	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ①	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ①	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ①	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results

Status: 400 Bad Request Time: 56 ms Size: 145 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "user not found"
3 }
```

ii. File

1. No Auth Bearer Token

Request :

CRUD / File / Edit File by ID

PUT http://localhost:8082/file/:id

Params Authorization Headers (10) Body Pre-request Script

none form-data x-www-form-urlencoded raw bin

```
1 {
2   "name": "name11",
3   "url": "url",
4   "description": "desc"
5 }
```

▼ / CRUD / File / Edit File by ID

PUT

▼

http://localhost:8082/file/:id

Params 

●

AuthorizationHeaders (9)Body 

●

Pre-request ScriptTestsSettings

Query Params

	KEY	VALUE
	Key	Value

Path Variables

	KEY	VALUE
	id	1

▼ / CRUD / File / Edit File by ID

PUT

▼

http://localhost:8082/file/:id

Params 

●

AuthorizationHeaders (9)Body 

●

Pre-request ScriptTestsSettings

	KEY	VALUE
<input checked="" type="checkbox"/>	Cookie <div>①</div>	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token <div>①</div>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Content-Type <div>①</div>	application/json
<input checked="" type="checkbox"/>	Content-Length <div>①</div>	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host <div>①</div>	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent <div>①</div>	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept <div>①</div>	*/*
<input checked="" type="checkbox"/>	Accept-Encoding <div>①</div>	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection <div>①</div>	keep-alive

Response :

BodyCookies (1)Headers (3)Test Results

⊕ Status: 401 Unauthorized Time: 3 ms Size: 157 B

PrettyRawPreviewVisualizeJSON ▼

1

[

2

"message": "need authorization header"

3

]

## 2. With Auth Bearer Token

Request :

▼ / CRUD / File / Edit File by ID

PUT

▼

http://localhost:8082/file/:id

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE
	Key	Value

Path Variables

	KEY	VALUE
	id	1

▼ / CRUD / File / Edit File by ID

PUT

▼

http://localhost:8082/file/:id

Params

Authorization

Headers (10)

Body

Pre-request Script

none

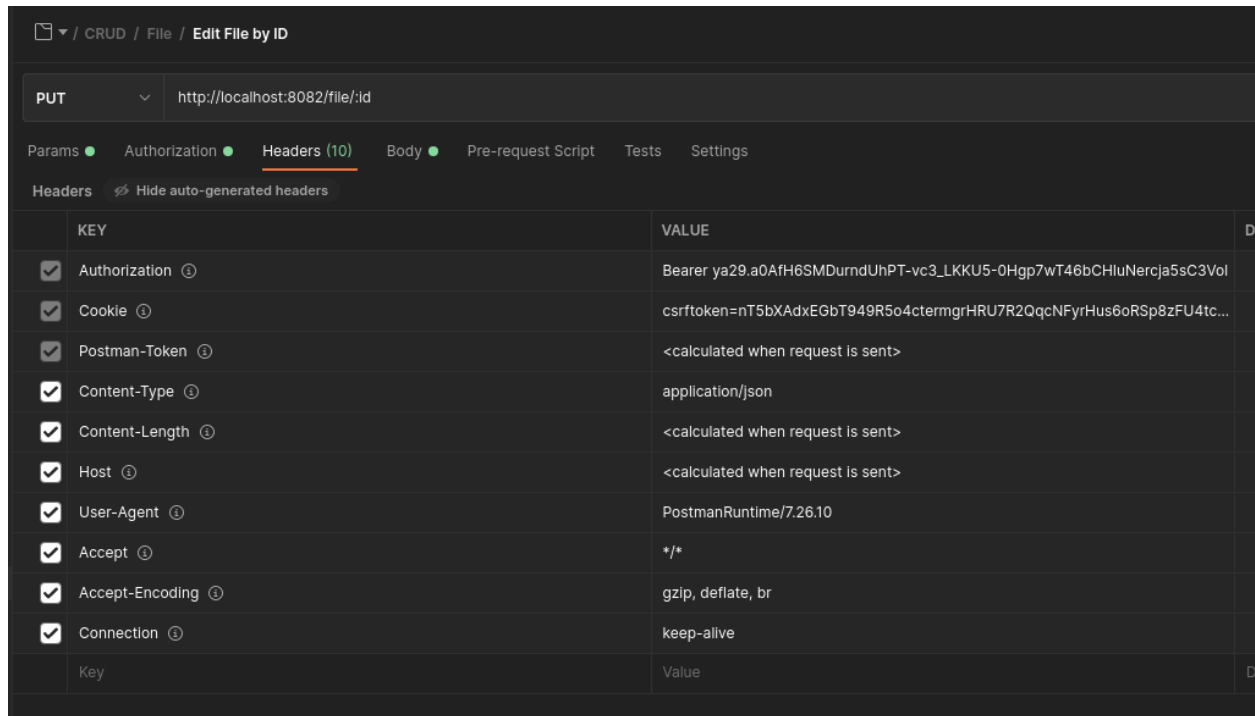
form-data

x-www-form-urlencoded

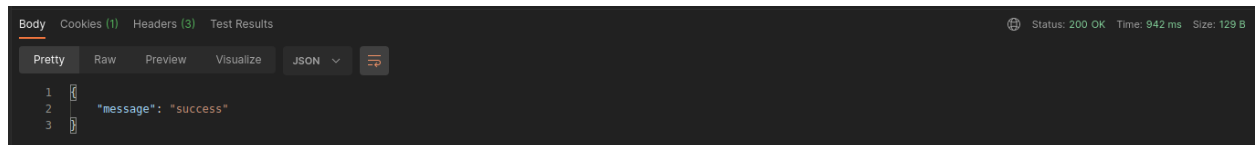
raw

binary

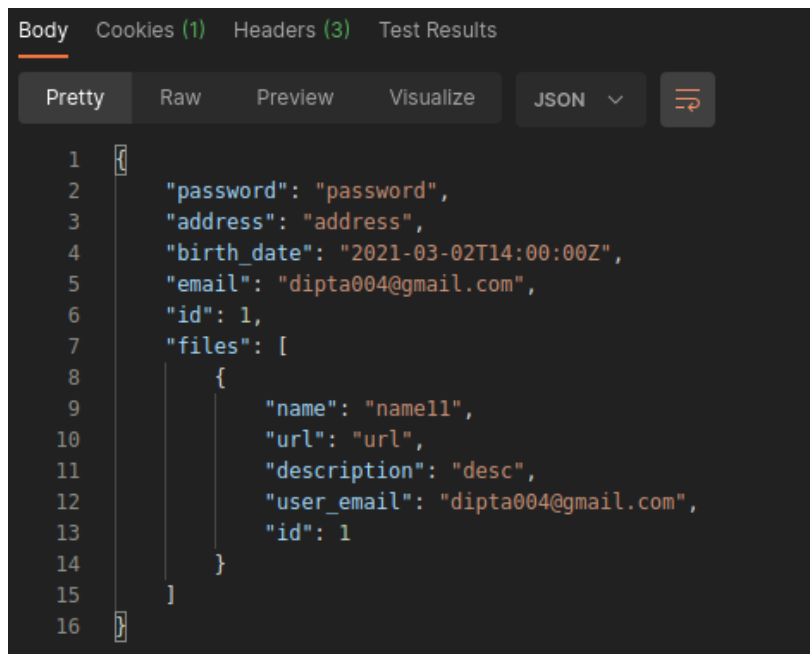
```
1 {
2   ... "name": "name1",
3   ... "url": "url",
4   ... "description": "desc"
5 }
```



Response :

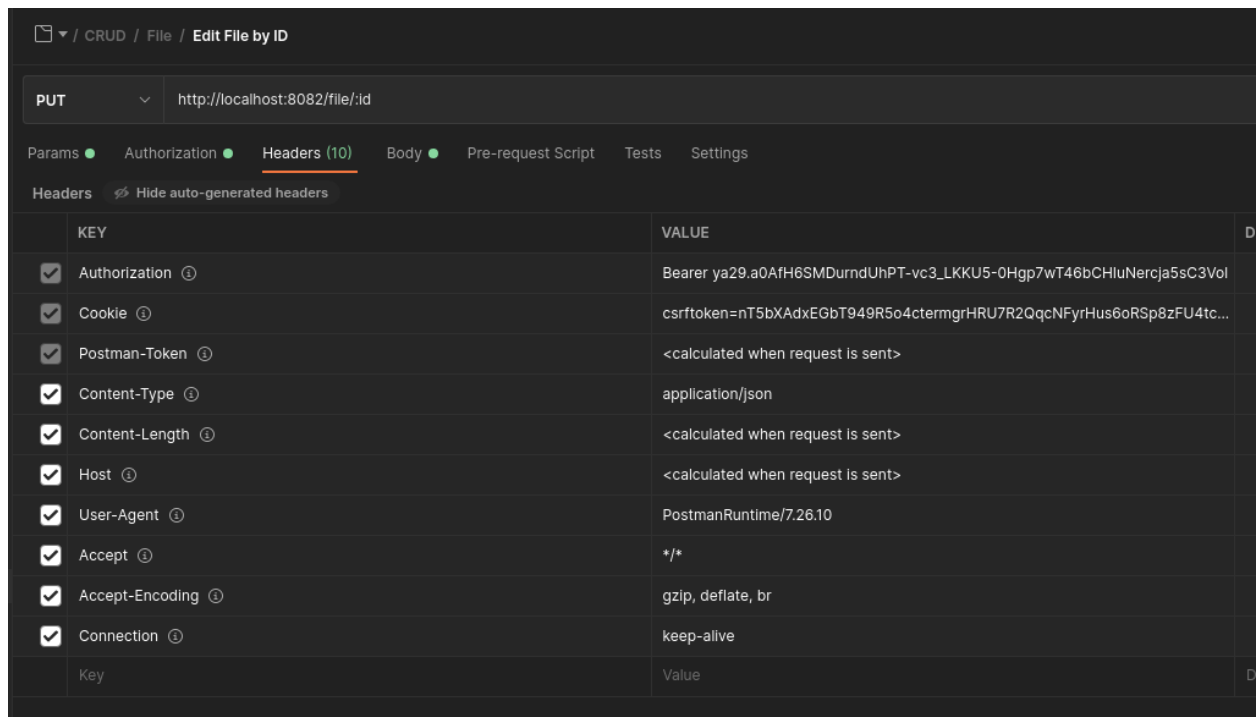
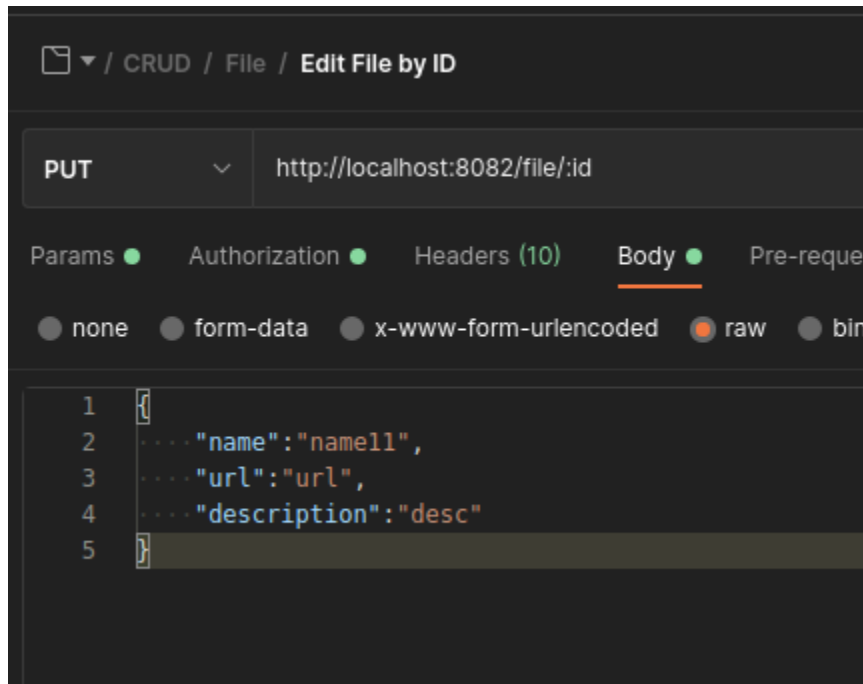


Get File Data :



### 3. Invalid ID

Request :





📁 / CRUD / File / Edit File by ID

PUT ⌵ http://localhost:8082/file/:id

Params ● Authorization ● Headers (10) Body ● Pre-request Script Tests Settings

Query Params

	KEY	VALUE
	Key	Value

Path Variables

	KEY	VALUE
	id	asdasasd

Response :

Body Cookies (1) Headers (3) Test Results ⊕ Status: 400 Bad Request Time: 182 ms Size: 149 B

Pretty Raw Preview Visualize JSON ⌵ ≡

```

1 {
2   "message": "id must be integer"
3 }

```

#### 4. File Not Found

Request :

📁 / CRUD / File / Edit File by ID

PUT ⌵ http://localhost:8082/file/:id

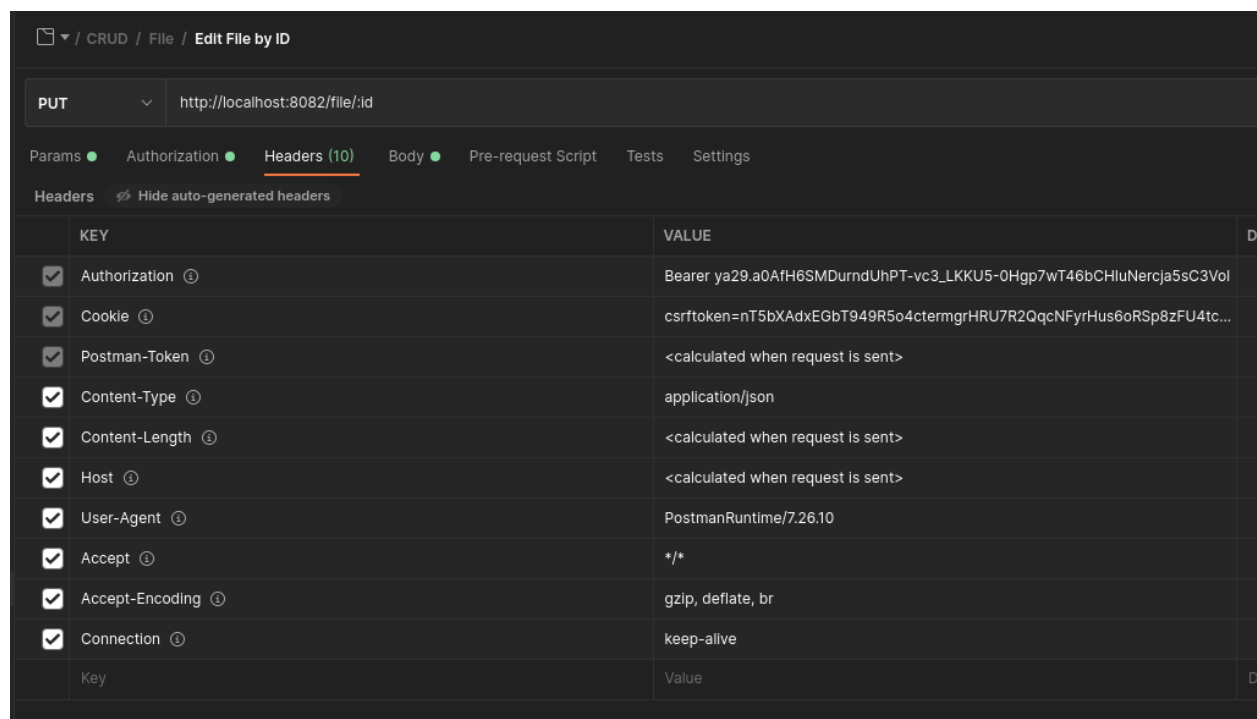
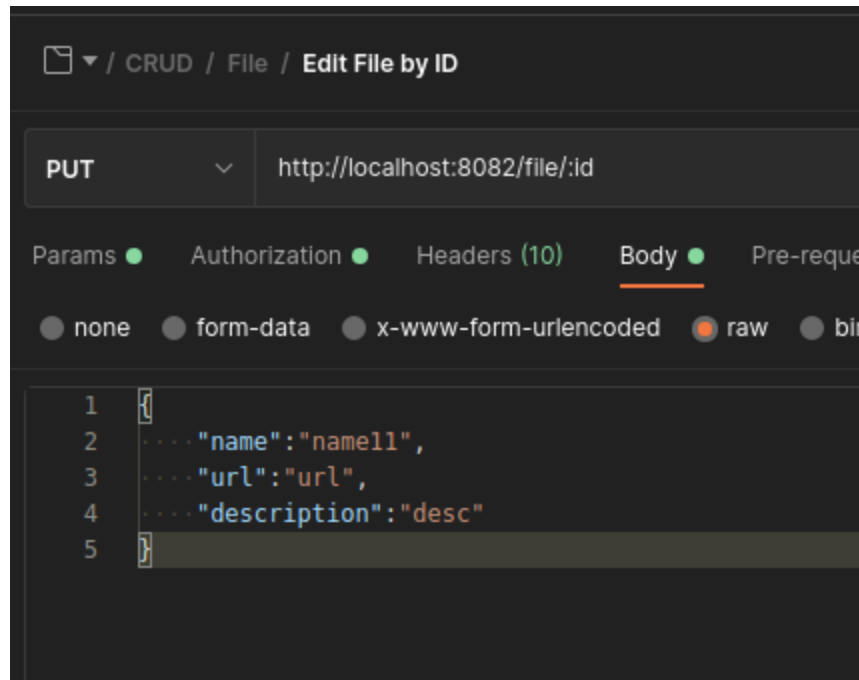
Params ● Authorization ● Headers (10) Body ● Pre-request Script Tests Settings

Query Params

	KEY	VALUE
	Key	Value

Path Variables

	KEY	VALUE
	id	2



Response :



## 5. Wrong Field

Request :

CRUD / File / Edit File by ID

PUT

http://localhost:8082/file/:id

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
Key	Value

Path Variables

KEY	VALUE
id	1

CRUD / File / Edit File by ID

PUT

http://localhost:8082/file/:id

Params

Authorization

Headers (10)

Body

Pre-request Script

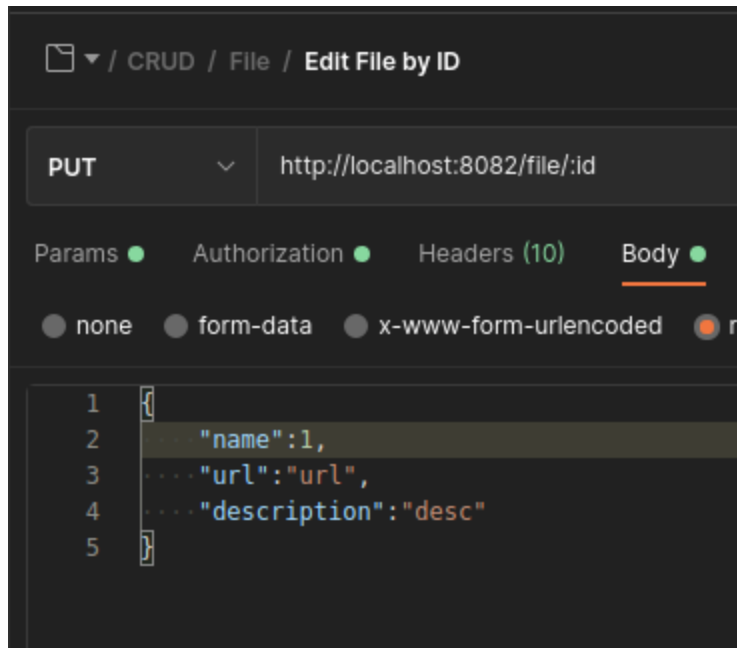
Tests

Settings

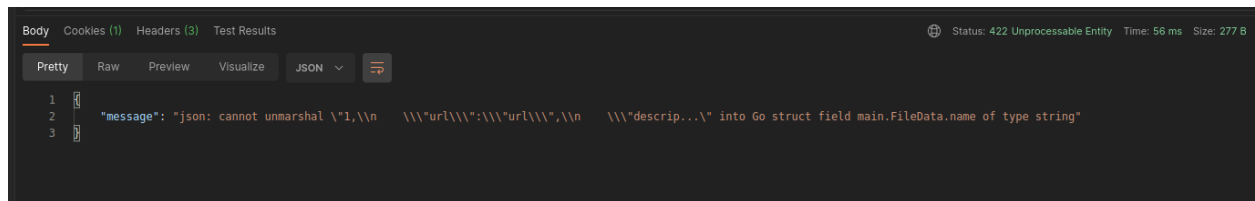
Headers

Hide auto-generated headers

KEY	VALUE
<input checked="" type="checkbox"/> Authorization ⓘ	Bearer ya29.a0AfH6SMDurndUhPT-vc3_LKKU5-0Hgp7wT46bCHluNercja5sC3Vol
<input checked="" type="checkbox"/> Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqCNFyrHus6oRSp8zFU4tc...
<input checked="" type="checkbox"/> Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> Content-Type ⓘ	application/json
<input checked="" type="checkbox"/> Content-Length ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/> Accept ⓘ	*/*
<input checked="" type="checkbox"/> Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/> Connection ⓘ	keep-alive
Key	Value

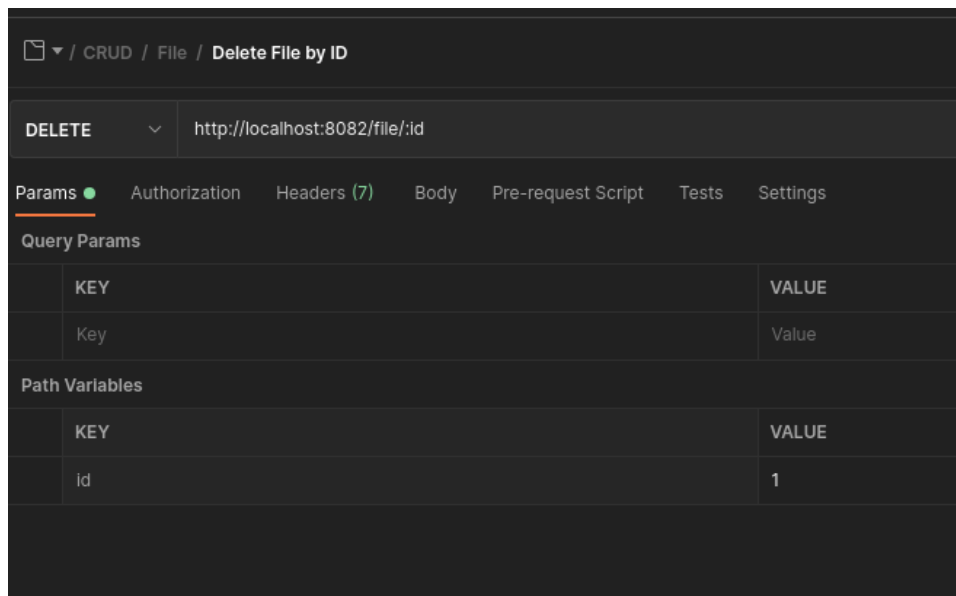


Response :



- d. Delete
  - i. File
    - 1. No Auth Bearer Token

Request :



Response :

## 2. With Auth Bearer Token

Request :

▼ / CRUD / File / Delete File by ID

DELETE

▼

http://localhost:8082/file/:id

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
Key	Value

Path Variables

KEY	VALUE
id	1

CRUD / File / Delete File by ID

DELETE http://localhost:8082/file/:id

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Headers Hide auto-generated headers

	KEY	VALUE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer ya29.a0AfH6SMAEJkwVBkLDvWoEGvh-tA1v7TmP5AfPTIs1nqICptRi1QK...
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/>	Accept ⓘ	*/*
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive

Response :

Body Cookies (1) Headers (3) Test Results Status: 200 OK Time: 942 ms Size: 129 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "success"
3 }
```

Get Data :

CRUD / File / Get File by ID

GET http://localhost:8082/file/:id

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE
	Key	Value

Path Variables

	KEY	VALUE
	id	1

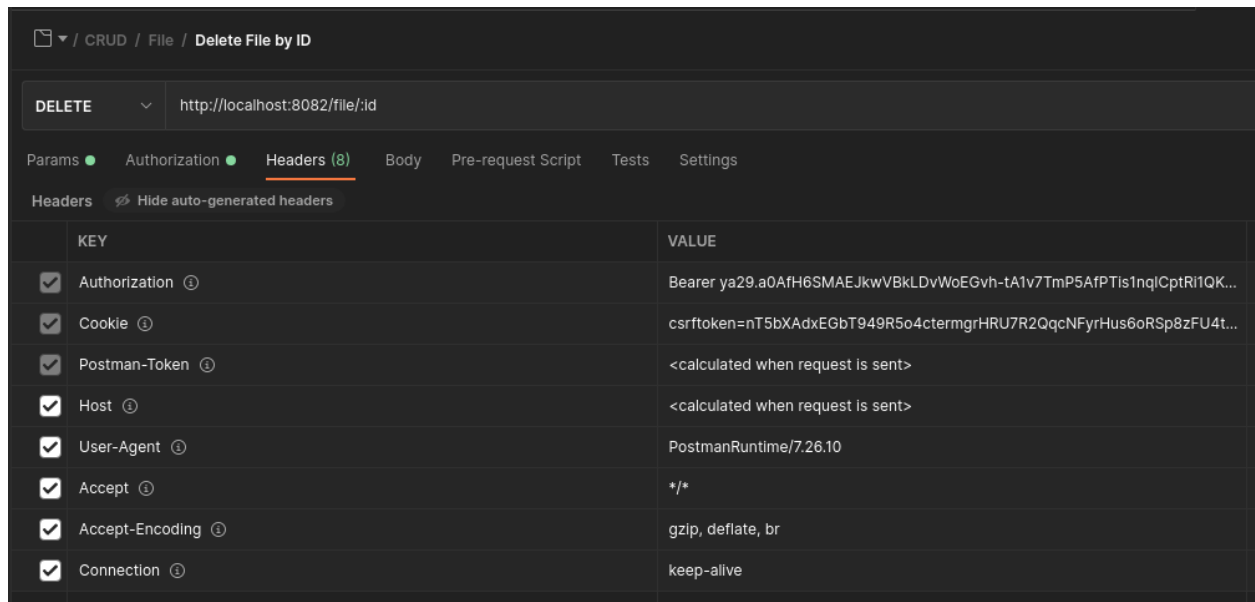
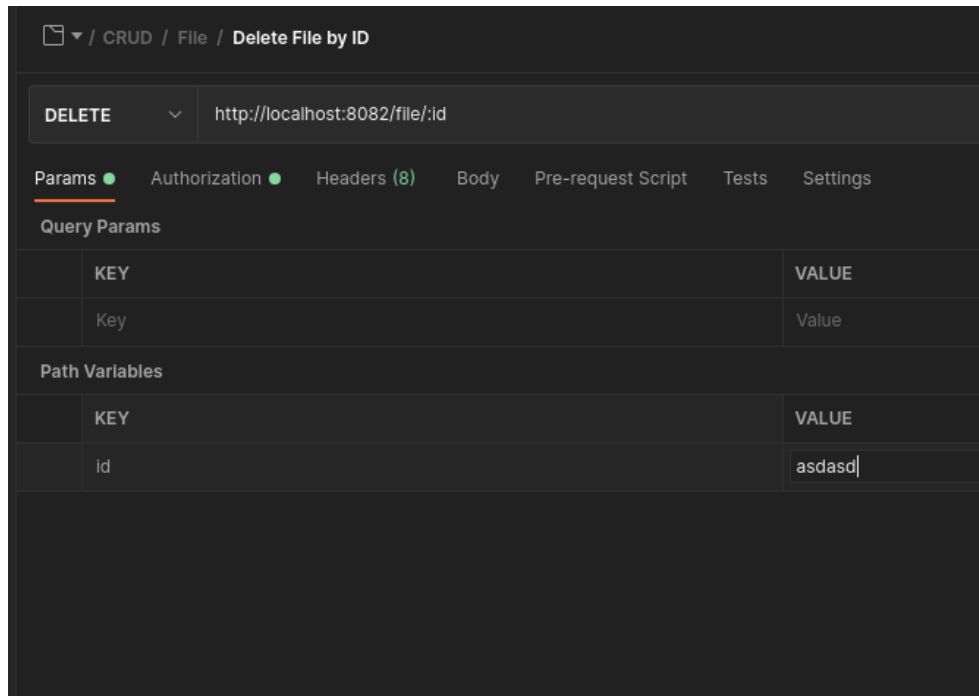
Body Cookies (1) Headers (3) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "file not found"
3 }
```

### 3. Invalid ID

Request :

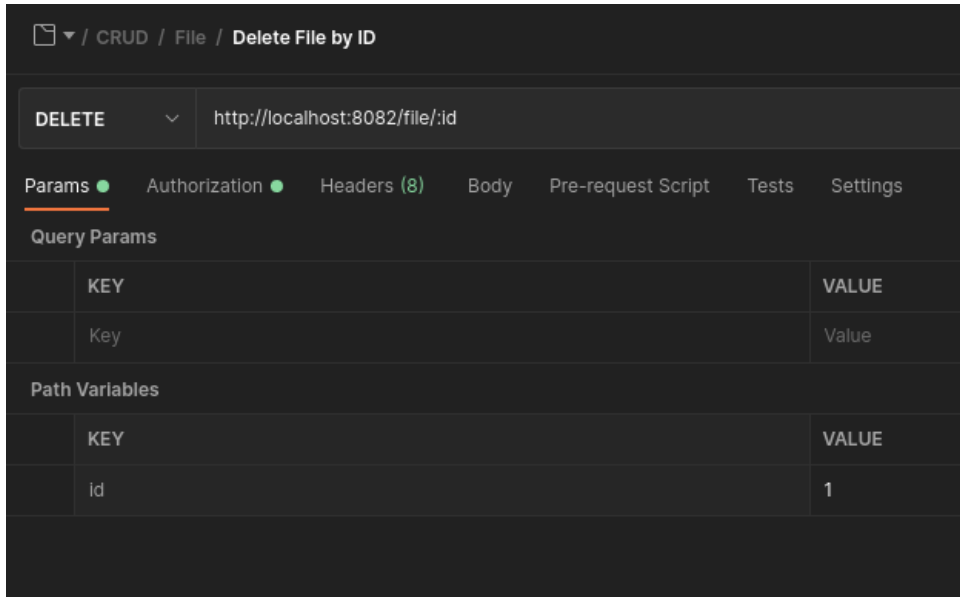


Response :



#### 4. File Not Found

Request :

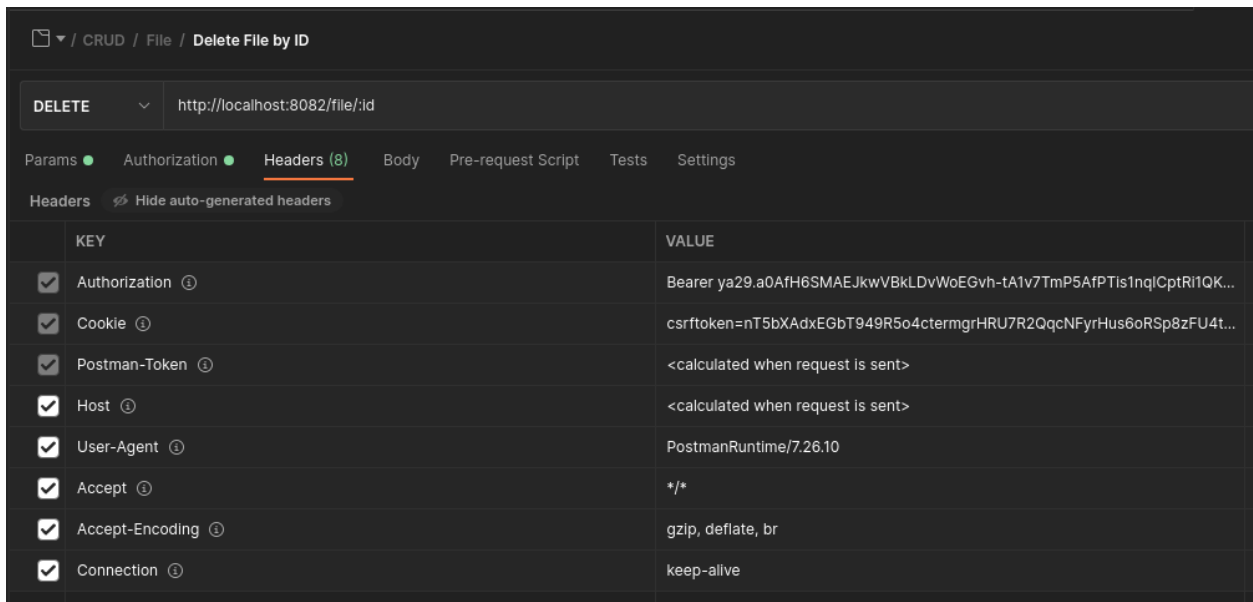


The screenshot shows the 'Request' tab in Postman. The breadcrumb navigation is 'CRUD / File / Delete File by ID'. The HTTP method is 'DELETE' and the URL is 'http://localhost:8082/file/:id'. The 'Params' tab is selected, showing 'Query Params' and 'Path Variables'.

KEY	VALUE
Key	Value

KEY	VALUE
id	1



The screenshot shows the 'Headers' tab in Postman. The breadcrumb navigation is 'CRUD / File / Delete File by ID'. The HTTP method is 'DELETE' and the URL is 'http://localhost:8082/file/:id'. The 'Headers' tab is selected, showing a list of headers.

KEY	VALUE
<input checked="" type="checkbox"/> Authorization ⓘ	Bearer ya29.a0AfH6SMAEJkwVBkLDvWoEGvh-tA1v7TmP5AfPTIs1nqICptRi1QK...
<input checked="" type="checkbox"/> Cookie ⓘ	csrftoken=nT5bXAdxEgbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...
<input checked="" type="checkbox"/> Postman-Token ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> Host ⓘ	<calculated when request is sent>
<input checked="" type="checkbox"/> User-Agent ⓘ	PostmanRuntime/7.26.10
<input checked="" type="checkbox"/> Accept ⓘ	*/*
<input checked="" type="checkbox"/> Accept-Encoding ⓘ	gzip, deflate, br
<input checked="" type="checkbox"/> Connection ⓘ	keep-alive

Response :



The screenshot shows the 'Response' tab in Postman. The breadcrumb navigation is 'CRUD / File / Delete File by ID'. The status is '400 Bad Request', time is '55 ms', and size is '145 B'. The response body is shown in 'Pretty' format as JSON.

```
1 {
2   "message": "file not found"
3 }
```



- e. All
- i. Invalid Token

Request :

GET

⌵

http://localhost:8082/user

Params

Authorization ●

Headers (8)


Body

Pre-request Script

Tests

Settings

Headers

 Hide auto-generated headers

	KEY	VALUE	DE
<input checked="" type="checkbox"/>	Authorization ⓘ	Bearer asdasd	
<input checked="" type="checkbox"/>	Cookie ⓘ	csrftoken=nT5bXAdxEGbT949R5o4ctermgrHRU7R2QqcNFyrHus6oRSp8zFU4t...	
<input checked="" type="checkbox"/>	Postman-Token ⓘ	<calculated when request is sent>	
<input checked="" type="checkbox"/>	Host ⓘ	<calculated when request is sent>	
<input checked="" type="checkbox"/>	User-Agent ⓘ	PostmanRuntime/7.26.10	
<input checked="" type="checkbox"/>	Accept ⓘ	*/*	
<input checked="" type="checkbox"/>	Accept-Encoding ⓘ	gzip, deflate, br	
<input checked="" type="checkbox"/>	Connection ⓘ	keep-alive	
	Key	Value	D

Response :

Body	Cookies (1)	Headers (3)	Test Results	Status: 401 Unauthorized	Time: 262 ms	Size: 145 B
Pretty	Raw	Preview	Visualize	JSON		
1						
2						
3						

```
1 {
2   "message": "token invalid"
3 }
```

Postman Collection for testing :

<https://www.getpostman.com/collections/1768d4748a6f86a41ad4>