

Stock Analyzer

Contents

Happy Flow	2
Register	2
Login with JWT	3
Token confirmation.....	3
List of users	4
Upload CSV.....	5
Display Data	6

Happy Flow

Register

http://localhost:8080/api/register

Save

POST http://localhost:8080/api/register

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

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

```
1 {
2   .... "name": "Shivam",
3   .... "email": "shivam@dal.ca",
4   .... "password": "pass@1234",
5   .... "roles": [{"id": 2, "name": "USER"}]
6 }
```

Body Cookies Headers (9) Test Results

Status: 200 OK Time: 298 ms Size: 352 B

Pretty Raw Preview Visualize

JSON

```
1 {
2   "status": 200,
3   "message": "User Added !!"
4 }
```

Figure 1: Register User

Login with JWT

http://localhost:8080/api/register

Save

POST http://localhost:8080/api/login

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

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

```
1 {
2   ...
3   "email": "shivam@dal.ca",
4   "password": "pass@1234"
5 }
6 }
```

Body Cookies Headers (9) Test Results

Status: 200 OK Time: 166 ms Size: 508 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "token": "eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaG12YW1AZGFsLnNhIiwiaXNjaXNjaW00AaWNTgWLCJpYXQ1OjE2NzA3ODI1ODB9.XER8wZHIoLehe96_m-j1lI"
3 }
```

Figure 2: Login which generate the token

Token confirmation

POST http://localhost:8080/api/login

Send

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

Cookies

Type

Bearer Token

Token

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

```
eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaG12YW1AZGFsLnNhIiwiaXNjaXNjaW00AaWNTgWLCJpYXQ1OjE2NzA3ODI1ODB9.XER8wZHIoLehe96_m-j1lI
```

Body Cookies Headers (9) Test Results

Status: 200 OK Time: 631 ms Size: 508 B

Save Response

Figure 3 Token confirmation

List of users

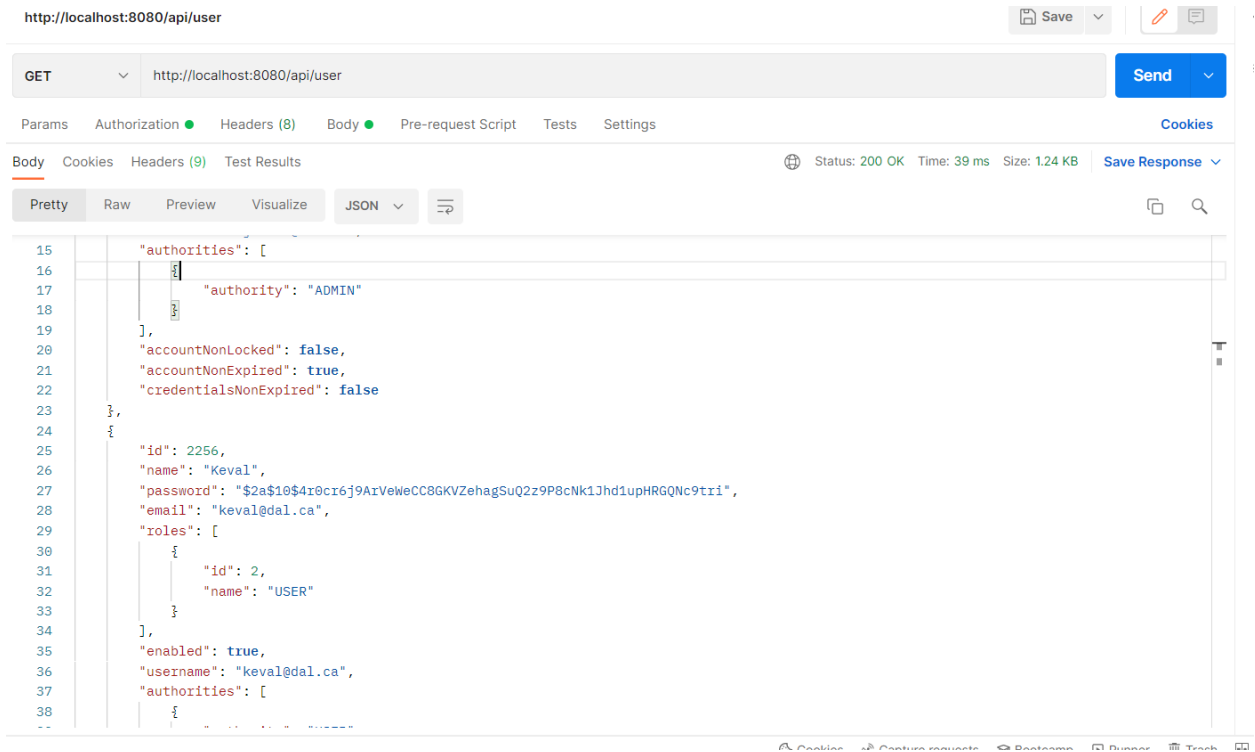


Figure 4 Admin wants List of all users

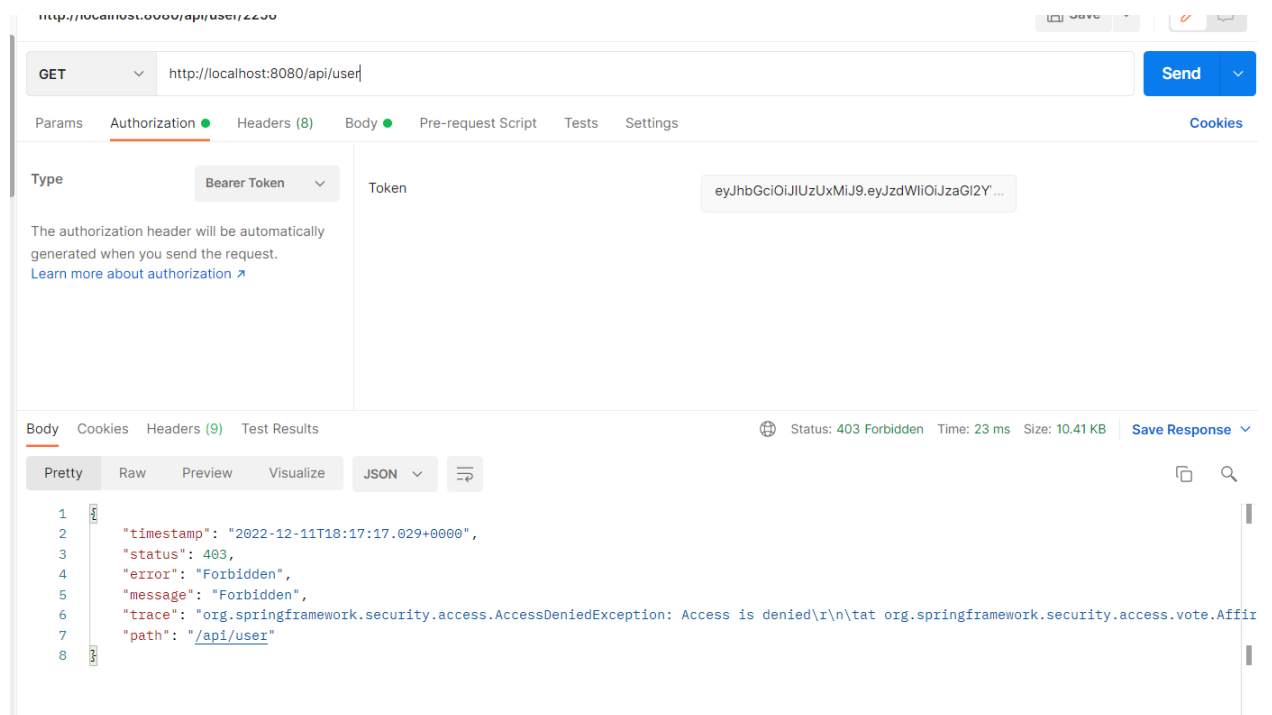


Figure 5 : User wants all data

Upload CSV

POST

⌵

http://localhost:8080/api/csv/upload

ParamsAuthorization●Headers (10)Body●Pre-request ScriptTestsSettings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

	KEY	VALUE	DESCRIPTION
✓	file	Stocks_Data.csv ×	
	Key	Value	Description

BodyCookiesHeaders (9)Test Results

⌚ Status: 200 OKTime: 4.87 sSize: 371 B

PrettyRawPreviewVisualizeJSON⌵↺

1

2

3

⌵

"token": "Uploaded the file successfully: Stocks_Data.csv"

Figure 6 Upload CSV

Display Data

GET http://localhost:8080/

GET http://localhost:8080/

+

...

No Environment

http://localhost:8080/api/csv/stock

Save

Send

ParamsAuthorizationHeaders (10)BodyPre-request ScriptTestsSettings

noneform-data x-www-form-urlencodedrawbinaryGraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> file	Stocks_Data.csv x			
Key	Value	Description		

BodyCookiesHeaders (9)Test Results

Status: 200 OKTime: 105 msSize: 302.15 KBSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   "id": 1503,
3   "quarter": "1",
4   "stock": "AA",
5   "date": "01-07-2011",
6   "open": "$15.82",
7   "high": "$16.72",
8   "low": "$15.78",
9   "close": "$16.42",
10  "volume": "239655616",
11  "percentChangePrice": "3.79267",
12  "percent_changeVolumeOverLastwk": "",
13  "previousWeeksVolume": "",
14  "nextWeeksOpen": "$16.71",
15  "nextWeeksClose": "$15.97",
16  "percentChangeNextWeeksPrice": "-4.42849",
17 }
```

CookiesCapture requestsReplayRunnerTrash

Figure 7 All Data

GET

⌵

http://localhost:8080/api/csv/stock/AA

Params

Authorization ●

Headers (8)

Body ●

Pre-request Script

Tests

Settings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

	KEY	VALUE
<input type="checkbox"/>	file	Stocks_Data.csv ×
	Key	Value

Body

Cookies

Headers (9)

Test Results

Pretty

Raw

Preview

Visualize

JSON ⌵

⌵

```

1  [
2    {
3      "id": 1503,
4      "quarter": "1",
5      "stock": "AA",
6      "date": "01-07-2011",
7      "open": "$15.82",
8      "high": "$16.72",
9      "low": "$15.78",
10     "close": "$16.42",
11     "volume": "239655616",
12     "percentChangePrice": "3.79267",
13     "percent_changeVolumeOverLastwk": "",
14     "previousWeeksVolume": "",
15     "nextWeeksOpen": "$16.71",
16     "nextWeeksClose": "$15.97",
17     "percentChangeNextWeeksPrice": "-4.42849",
18     "nextWeeksVolume": ""

```

Figure 8 data of AA stock

GET ⌵ http://localhost:8080/api/csv/stock/CAT

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

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

	KEY	VALUE
<input type="checkbox"/>	file	Stocks_Data.csv ×
	Key	Value

Body **Cookies** Headers (9) Test Results 🌐

Pretty Raw Preview Visualize JSON ⌵ ≡

```

1  {
2    {
3      "id": 1551,
4      "quarter": "1",
5      "stock": "CAT",
6      "date": "01-07-2011",
7      "open": "$94.38",
8      "high": "$94.81",
9      "low": "$92.30",
10     "close": "$93.73",
11     "volume": "24135903",
12     "percentChangePrice": "-0.688705",
13     "percent_changeVolumeOverLastwk": "",
14     "previousWeeksVolume": "",
15     "nextWeeksOpen": "$93.21",
16     "nextWeeksClose": "$94.01",
17     "percentChangeNextWeeksPrice": "0.858277",
18     "dateToNextPeriod": "2011-08-01"
19   }
20 }

```

Figure 9 data of CAT stock