

FLASK ASSIGNMENT - 1

CRUD OPERATIONS

[T G THIRUMALESH]

GET /accounts : Retrieve all accounts from the csv file

GET

http://127.0.0.1:5000/accounts

ParamsAuthorizationHeaders (8)Body ●Pre-request ScriptTestsSettings

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 79 msSize: 837 B

PrettyRawPreviewVisualizeJSON

```
1  {
2    "accounts": [
3      {
4        "balance": "500000",
5        "id": "1",
6        "name": "Thiru"
7      },
8      {
9        "balance": "600000",
10       "id": "2",
11       "name": "Bharath"
12     },
13     {
14       "balance": "700000",
15       "id": "3",
16       "name": "Abdul"
17     },
18     {
19       "balance": "800000",
20       "id": "4",
21       "name": "Karthikeya"
22     },
23     {
24       "balance": "860000",
25       "id": "5",
26       "name": "Mathin"
27     },
28     {
29       "balance": "8600000",
30       "id": "6",
31       "name": "prashanth"
32     },
33     {
34       "balance": "9200000",
35       "id": "7",
36       "name": "bhanu"
37     },
38     {
39       "balance": "700000",
40       "id": "8",
41       "name": "shylesh"
42     }
43   ]
44 }
```

127.0.0.1 - [12/11/2023, 12:00:00 PM] "GET /accounts" 200 OK

GET /accounts/<account_id> : Retrieve a specific account by its ID

GET ▼ http://127.0.0.1:5000/accounts/8

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

Body Cookies Headers (5) Test Results 🌐 Status: 200 OK Time: 215 ms Size: 225 B 📄

Pretty Raw Preview Visualize JSON ▼ 🔧

```
1 {
2   "balance": "700000",
3   "id": "8",
4   "name": "shylesh"
5 }
```

POST /accounts: Create a new account by sending a JSON request body with the book details (name, balance).

POST ▼ http://127.0.0.1:5000/accounts

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

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

```
1 {"name": "vansh", "balance": "1600000"}
```

Body Cookies Headers (5) Test Results 🌐 Status: 201 CREATED Time: 104 ms Size: 285 B 📄

Pretty Raw Preview Visualize JSON ▼ 🔧

```
1 {
2   "account": {
3     "balance": "1600000",
4     "id": 9,
5     "name": "vansh"
6   },
7   "message": "Account created"
8 }
```

PUT/accounts/<account_id>: Update an existing account by its ID with a JSON request body containing the updated book details.

The screenshot shows a REST client interface with the following details:

- Method:** PUT
- URL:** http://127.0.0.1:5000/accounts/2
- Body Type:** JSON
- Body Content:**

```
1 [{"name": "bharath sai", "balance": "1000000"}]
```
- Response Status:** 200 OK
- Response Time:** 288 ms
- Response Size:** 288 B
- Response Body (Pretty):**

```
1 {  
2   "account": {  
3     "balance": "1000000",  
4     "id": "2",  
5     "name": "bharath sai"  
6   },  
7   "message": "Account updated"  
8 }
```

DELETE/accounts/<account_id>: Delete a book from the CSV file by its ID.

The screenshot shows a REST client interface with the following details:

- Method:** DELETE
- URL:** http://127.0.0.1:5000/accounts/2
- Body Type:** JSON
- Body Content:**

```
1 [{"name": "bharath sai", "balance": "1000000"}]
```
- Response Status:** 200 OK
- Response Time:** 371 ms
- Response Size:** 200 B
- Response Body (Pretty):**

```
1 {  
2   "message": "Account deleted"  
3 }
```

GET ⌵ http://127.0.0.1:5000/accounts/2

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

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

```
1 [{"name": "bharath-sai", "balance": "1000000"}]
```

Body Cookies Headers (5) Test Results

🌐 Status: 404 NOT FOUND Time: 57 ms Size: 209 B 📄

Pretty Raw Preview Visualize **JSON** ⌵

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