

Task 4 - Endpoints

1. Login

Url : v1/login

Example:

Url : localhost:8080/v1/login

Request Body:

```
{
  "accountID": "SBI0001",
  "password": "password123"
}
```

Response Body:

```
{
  "statusCode": 200,
  "name": "John Doe"
}
```

The screenshot displays a REST client interface with the following components:

- Request Bar:** Shows the method **POST** and the URL **localhost:8080/v1/login**. A **Try** button is on the right.
- Body Tab:** Selected, showing the request body in JSON format:

```
1 {
2   "accountID": "SBI0001",
3   "password": "password123"
4 }
```
- Response Bar:** Shows the status code **200 OK**.
- Response Tab:** Selected, showing the response body in JSON format:

```
1 {
2   "statusCode": 200,
3   "name": "John Doe"
4 }
```

2. SignUp

Url: v1/signup

Example:

Url: localhost:8080/v1/signup

Request Body:

```
{
  "name": "Jimmy Wayne",
  "password": "password456",
  "phoneNumber": "9186043426",
  "email": "james2@gmail.com"
}
```

Response Body:

```
{
  "statusCode": 200,
  "accountID": "SBI0013"
}
```

The screenshot shows a REST client interface with a POST request to `localhost:8080/v1/signup`. The request body is a JSON object with the following fields: `name` ("Jimmy Wayne"), `password` ("password456"), `phoneNumber` ("9186043426"), and `email` ("james2@gmail.com"). The response status is 200 OK, and the response body is a JSON object with `statusCode` (200) and `accountID` ("SBI0013").

Request:

Method: POST | URL: localhost:8080/v1/signup

Params: Headers: **Body**

Body Type: none | form-data | x-www-form-urlencoded | **raw** | binary | GraphQL | JSON | Beautify

```
1 {
2   "name": "Jimmy Wayne",
3   "password": "password456",
4   "phoneNumber": "9186043426",
5   "email": "james2@gmail.com"
6 }
7
8
```

Response:

Body | Headers (5) | Status Code: 200 OK

Pretty | Raw | Preview | JSON | Copy | Search

```
1 {
2   "statusCode": 200,
3   "accountID": "SBI0013"
4 }
```

3. Deposit/Withdraw

Url: `/accountID/{pay}/{amount}`

Example:

Url: `localhost:8080/v1/SBI0007/DEPOSIT/500.50`

`localhost:8080/v1/SBI0007/WITHDRAW/500.50`

Request Body: Null

Response Body:

```
{
  "statusCode":200
}
```

GET

localhost:8080/v1/SBI0007/WITHDRAW/500.50

Try ↗

Params

Headers

Body ●

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body

Headers (6)

Status Code

200 OK

Pretty

Raw

Preview

JSON

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1

2

3

{

"statusCode": 200

}

4. Transfer

Url: v1//transfer/{accountID}

Example:

Url: localhost:8080/v1/transfer/SBI0007

Request Body:

```
{
  "accountID" : "SBI0010",
  "senderName": "Jane Wayne",
  "receiverName" : "Jane Wayne",
  "amount": 500.50
}
```

Response Body:

```
{
  "statusCode":200
}
```

The screenshot displays a REST client interface with a POST request to `localhost:8080/v1/transfer/SBI0007`. The request body is a JSON object with the following fields: `accountID` (SBI0010), `senderName` (Jane Wayne), `receiverName` (Jane Wayne), and `amount` (500.50). The response status is 200 OK, and the response body is a JSON object with `statusCode` (200).

Request:

Method: POST | URL: localhost:8080/v1/transfer/SBI0007 | Try

Params | Headers | Body

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

```
1 {
2   "accountID" : "SBI0010",
3   "senderName": "Jane Wayne",
4   "receiverName" : "Jane Wayne",
5   "amount": 500.50
6 }
```

Response:

Body | Headers (5) | Status Code: 200 OK

Pretty | Raw | Preview | JSON | Copy | Search

```
1 {
2   "statusCode": 200
3 }
```

5. Balance

Url: v1/balance/{accountID}

Example:

Url: localhost:8080/v1/balance/SBI0007

Request Body: Null

Response Body:

```
{
  "statusCode": 200,
  "balance": 1501
}
```

The screenshot shows a REST client interface. At the top, there is a dropdown menu set to 'GET' and a text input field containing the URL 'localhost:8080/v1/balance/SBI0007'. To the right of the URL is a blue button labeled 'Try >'. Below the URL bar, there are three tabs: 'Params', 'Headers', and 'Body'. The 'Params' tab is selected, showing a table for 'Query Params' with columns 'Key', 'Value', and 'Description'. Below the table, there is a 'Bulk Edit' link. The 'Body' tab is also visible, showing the response body in JSON format:

```
{
  "statusCode": 200,
  "balance": 1501
}
```

. The status code is displayed as '200 OK'.

6. TransactionHistory

Url: v1//transactions/{accountID}

Example:

Url: localhost:8080/v1/transactions/SBI0007

Request Body: Null

Response Body:

```
[
  {
    "accountID": "SBI0007",
    "cpartyName": "Jane Wayne",
    "cpartyID": "SBI0010",
    "balance": 1501,
    "amount": 500.5,
    "transactionType": "Transfer",
    "transactionDate": "2023-11-23T03:12:53.440+00:00"
  },
  {
    "accountID": "SBI0007",
```

```
"cpartyName": "SBI0007",
"cpartyID": "SBI0007",
"balance": 2001.5,
"amount": 500.5,
"transactionType": "Deposit",
"transactionDate": "2023-11-23T01:44:08.882+00:00"
```

```
}
```

```
]
```

Naan Mudhalvan / TransactionHistory / TransactionHistory

Save



GET



localhost:8080/v1/transactions/SBI0007

Try

Params

Headers

Body

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Headers (5)

Status Code

200 OK

Pretty

Raw

Preview

JSON



```
1  [
2    {
3      "accountID": "SBI0007",
4      "cpartyName": "Jane Wayne",
5      "cpartyID": "SBI0010",
6      "balance": 1501,
7      "amount": 500.5,
8      "transactionType": "Transfer",
9      "transactionDate": "2023-11-23T03:12:53.440+00:00"
10   },
11   ]
```