Bank Api

Authenticate User

Endpoint:

/api/createAdmin

Method: Post

HEADER	CONTENT
username	The authenticated users username
password	The authenticated users password
api_key	Registered api key

PARAMETERS	DESCRIPTION
name	Name of user for authentication
email	Email of user for authentication
password	Password of user for authentication

```
curl --location --request POST
'http://127.0.0.1:8001/api/createAdmin' \
--header 'username: admin@admin.com' \
--header 'password: 123456789' \
--header 'api_key: 123456789ky' \
--form 'name="Test"' \
--form 'email="test@admin.com"' \
--form 'password="123456789"'
```

RESPONSE:

```
{
    "message": "Admin user created successfully",
    "status": "200"
}
```

Create Bank Account

Endpoint:

/api/createAccount

Method: Post

HEADER	CONTENT
username	The authenticated users username
password	The authenticated users password
api_key	Registered api key

PARAMETERS	DESCRIPTION
name	Account Name
number	Account Number
intial_deposit	Amount to be paid in as initial deposit
type	Account type e.g: savings or current

```
curl --location --request POST
'http://127.0.0.1:8001/api/createAccount' \
--header 'username: admin@admin.com' \
--header 'password: 123456789' \
```

```
--header 'api_key: 123456789ky' \
--form 'name="Test User"' \
--form 'number="1234567111"' \
--form 'intial_deposit="10"' \
--form 'type="savings"'
```

RESPONSE:

```
{
  "message": "Account successfully created",
  "status": "200"
}
```

Transfer

Endpoint:

/api/transfer

Method: Post

HEADER	CONTENT
username	The authenticated users

	username
password	The authenticated users password
api_key	Registered api key

PARAMETERS	DESCRIPTION
account_number	Sender's account number
amount	Amount to be transfered
debit_to	Account to be credited

```
curl --location --request POST
'http://127.0.0.1:8001/api/transfer' \
--header 'username: admin@admin.com' \
--header 'password: 123456789' \
--header 'api_key: 123456789ky' \
--form 'account_number="1234567111"' \
--form 'amount="200"' \
--form 'debit_to="1234567898"' \
```

RESPONSE:

```
{
    "message": "Transfer successfully",
    "status": "200"
}
```

Get Balance

Endpoint:

/api/getbalance

Method: Post

HEADER	CONTENT
username	The authenticated users username
password	The authenticated users password
api_key	Registered api key

PARAMETERS	DESCRIPTION
account_name	Account Name
account_number	Account Number

```
curl --location --request POST
'http://127.0.0.1:8001/api/getbalance' \
--header 'username: admin@admin.com' \
--header 'password: 123456789' \
--header 'api_key: 123456789ky' \
--form 'account_name="Test User"' \
--form 'account_number="1234567111"'
```

RESPONSE:

```
{
  "balance": [
    4890
  ],
  "status": "200"
}
```

Retrieve Transfer History

Endpoint:

/api/transferHistory

Method: Post

HEADER	CONTENT
username	The authenticated users username
password	The authenticated users password
api_key	Registered api key

PARAMETERS	DESCRIPTION
account_number	Account Number

curl --location --request POST

'http://127.0.0.1:8001/api/transferHistory' \

--header 'username: admin@admin.com' \

--header 'password: 123456789' \

```
--header 'api_key: 123456789ky' \
--form 'account_number="1234567898"'
```

RESPONSE:

```json
{
  "Transactions": [
    {
      "id": 1,
      "transaction_type": "debit",
      "account_number": 1234567898,
      "amount": 10,
      "balance": 4990,
      "credit_from": null,
      "debit_to": 1234567111,
      "created_at": "2022-02-26T19:47:11.000000Z",
      "updated_at": "2022-02-26T19:47:11.000000Z"
    },
    {
      "id": 3,
      "transaction_type": "debit",
      "account_number": 1234567898,
```

      "amount": 100,

      "balance": 4890,

      "credit_from": null,

      "debit_to": 1234567111,

      "created_at": "2022-02-26T19:54:24.000000Z",

      "updated_at": "2022-02-26T19:54:24.000000Z"

    }

  ],

  "status": "200"

}