DFCU API Documentation

Version	Date	Author	Description
1.0	08-April-2023	Edward Shirambere	Final draft

1. Customer Loan Access

Authenticate the user with the system and obtain the auth_token

Request

Method	URL
POST	api/accounts/loans/

Type	Params	Values
HEAD POST	Auth token Account number	string string

Auth Token
An Authentication token must be sent with all client requests. The token helps the server to validate and authorize the request source.

Account Number
An account must be sent with all client requests. This is the account number which is validated and whose loans are sent in response.

Response

Status	Response

200	```
	{
	    "response": {
	        "customer_id": "C003",
	        "customer_name": "James Blunt",
	        "customer_account": "5000145080",
	``

	``json
          "customer_loans": [
              {
                  "loan_id": "L000005",
                  "disbursement_date": "2023-02-16T12:24:54Z",
                  "outstanding_amount": 500000
              }
          ]
      }
  }
```

auth_key (**string**) - all further API calls must have this key in header |
| 401 | {"error":"Invalid Auth Token."} |
| 500 | {"error":"Something went wrong. Please try again later."} |

# Glossary

## Conventions

- **Client** - Client application.
- **Status** - HTTP status code of response.

## Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX  -  Success of some kind
4XX  -  Error occurred in client's part
5XX  -  Error occurred in server's part

| Status Code | Description |
| --- | --- |
| 200 | OK |
| 401 | Authentication failure |
| 500 | Internal Server Error |