# **DFCU API Documentation**

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

## 1. Get Access Token.

Authenticate the user with the system and obtain the auth\_token

## Request

Method	URL
POST	token/

## **Parameters**

Туре	Params	Values
POST	username	string
POST	password	string

## Response

Status	Response
200	{
	"refresh":
	"eyJhbGciOiJIUzI1NiIsInR5cCl6lkpXVCJ9.eyJ0b2tlbl90eXBIIjoicmVmcmVzaClsImV4cCl6M
	Y4MTU1NTA1MCwiaWF0IjoxNjgwOTUwMjUwLCJqdGkiOil3NDQ1ODAyOTg1YWE0MmFn
	OWRkZTVIMTc0OWIzNTdiNyIsInVzZXJfaWQiOjF9.IR3BaP7jekJDKdvDkklkOZJXTVI28qJ2
	aElzdJp3qE",
	"access":
	"eyJhbGciOiJIUzl1NilsInR5cCl6lkpXVCJ9.eyJ0b2tlbl90eXBlljoiYWNjZXNzliwiZXhwljoxNjgx
	MDM2NjUwLCJpYXQiOjE2ODA5NTAyNTAsImp0aSl6ljl0ZWI4OGRmNmNhMzQ1OGM5O(
	Q3YThmOTZmNjc1YWM4liwidXNlcl9pZCl6MX0.iVrgi8kE9xENzBx3R3aA0G4telmNJ7hJU1
	sRYBG5NI"
	}

```
500 {"error": "Something went wrong. Please try again later."}
```

### 2. Get Customer Loans.

Provided an account number to return all outstanding loans belonging to the customer.

### Request

Method	URL
POST	api/accounts/loans/

#### **Parameters**

Туре	Params	Values
HEAD	Auth token	string
POST	Account number	string

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",	

## 2. API Performance dashboard.

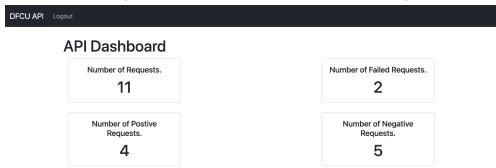
## Login to dashboard.

Access the login screen at url /api .Enter your username (admin) and password (1234) to authenticate.

DFCU API Login		
	Login	
	Username	
	Password	
	Login	

### Access to dashboard.

After successful login, user will be redirected to dashboard page shown below.



# Glossary

### **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	ОК	
401	Authentication failure	
500	Internal Server Error	