

# Transaction Microservice

## Overview

Handle all account transaction

## Paths

### **POST** /transactions

Process a transaction normally. This endpoint creates, processes, validates, and posts a transaction all at once.

#### Responses

Code	Description	Links
200	OK  <i>Content</i> /	No Links

### **POST** /transactions/transfer

Create a transfer funds transaction

#### Responses

Code	Description	Links
200	OK  <i>Content</i> /	No Links

### **GET** /transactions/{id}

Get transaction by ID

#### Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer (int64)

#### Responses

Code	Description	Links
200	OK  <i>Content</i> <b>application/json</b>	No Links

## **GET** /members/{id}/transactions

### Parameters

Type	Name	Description	Schema
query	search <i>optional</i>		< string > array
query	pageable <i>required</i>		<a href="#">Pageable</a>
path	id <i>required</i>		integer (int64)

### Responses

Code	Description	Links
200	OK  <i>Content</i> <b>application/json</b>	No Links

## **GET** /health

### Responses

Code	Description	Links
200	OK	No Links

## **GET** /accounts/{id}/transactions

### Parameters

Type	Name	Description	Schema
query	search <i>optional</i>		< string > array
query	pageable <i>required</i>		<a href="#">Pageable</a>
path	id <i>required</i>		integer (int64)

### Responses

Code	Description	Links
200	OK  <i>Content</i> application/json	No Links

## GET /accounts/account-number/{accountNumber}/transactions

### Parameters

Type	Name	Description	Schema
query	search <i>optional</i>		< string > array
query	pageable <i>required</i>		<a href="#">Pageable</a>
path	accountNumber <i>required</i>		string

### Responses

Code	Description	Links
200	OK  <i>Content</i> application/json	No Links

# Components

## Schemas

### CardRequest

#### Properties

Name	Description	Schema
cardNumber <i>required</i>		string
securityCode <i>required</i>		string
expirationDate <i>required</i>		string (date)

## CreateTransaction

### Properties

Name	Description	Schema
type <i>required</i>		enum (DEPOSIT,WITHDRAWAL,TRANSFER_IN,TRANSFER_OUT,PURCHASE,PAYMENT,REFUND,VOID)
method <i>required</i>		enum (ACH,ATM,CREDIT_CARD,DEBIT_CARD,APP)
date <i>optional</i>		string (date-time)
amount <i>optional</i>		integer (int32)
merchantCode <i>optional</i>	<b>Maximum Length:</b> 8 <b>Minimum Length:</b> 4	string
merchantName <i>optional</i>		string
description <i>optional</i>	<b>Maximum Length:</b> 255 <b>Minimum Length:</b> 0	string
cardRequest <i>optional</i>		<a href="#">CardRequest</a>
accountNumber <i>optional</i>		string
hold <i>optional</i>		boolean

## MerchantResponse

### Properties

Name	Description	Schema
code <i>optional</i>		string
name <i>optional</i>		string
description <i>optional</i>		string

Name	Description	Schema
registeredAt <i>optional</i>		string (date-time)

## Receipt

### Properties

Name	Description	Schema
id <i>optional</i>		integer (int64)
type <i>optional</i>		enum (DEPOSIT,WITHDRAWAL,TRANSFER_IN,TRANSFER_OUT,PURCHASE,PAYMENT,REFUND,VOID)
method <i>optional</i>		enum (ACH,ATM,CREDIT_CARD,DEBIT_CARD,APP)
status <i>optional</i>		enum (APPROVED,DENIED,PENDING)
amount <i>optional</i>		integer (int32)
accountNumber <i>optional</i>		string
cardNumber <i>optional</i>		string
description <i>optional</i>		string
merchantResponse <i>optional</i>		<a href="#">MerchantResponse</a>

## TransferFundsRequest

### Properties

Name	Description	Schema
fromAccountNumber <i>required</i>		string
toAccountNumber <i>required</i>		string
amount <i>required</i>		integer (int32)
memo <i>optional</i>	<b>Maximum Length:</b> 250 <b>Minimum Length:</b> 0	string
date <i>optional</i>		string (date-time)

## TransactionResponse

### Properties

Name	Description	Schema
id <i>optional</i>		integer (int64)
method <i>optional</i>		enum (ACH,ATM,CREDIT_CARD,DEBIT_CARD,APP)
amount <i>optional</i>		integer (int32)
accountNumber <i>optional</i>		string
initialBalance <i>optional</i>		integer (int32)
postedBalance <i>optional</i>		integer (int32)
type <i>optional</i>		enum (DEPOSIT,WITHDRAWAL,TRANSFER_IN,TRANSFER_OUT,PURCHASE,PAYMENT,REFUND,VOID)
status <i>optional</i>		enum (APPROVED,DENIED,PENDING)

Name	Description	Schema
description <i>optional</i>		string
merchant <i>optional</i>		<a href="#">MerchantResponse</a>
date <i>optional</i>		string (date-time)

## Pageable

### Properties

Name	Description	Schema
offset <i>optional</i>		integer (int64)
sort <i>optional</i>		<a href="#">Sort</a>
unpaged <i>optional</i>		boolean
paged <i>optional</i>		boolean
pageNumber <i>optional</i>		integer (int32)
pageSize <i>optional</i>		integer (int32)

## Sort

### Properties

Name	Description	Schema
unsorted <i>optional</i>		boolean
sorted <i>optional</i>		boolean
empty <i>optional</i>		boolean

## PageTransactionResponse

### Properties

Name	Description	Schema
totalPages <i>optional</i>		integer (int32)
totalElements <i>optional</i>		integer (int64)
size <i>optional</i>		integer (int32)

Name	Description	Schema
content <i>optional</i>		< <a href="#">TransactionResponse</a> > array
number <i>optional</i>		integer (int32)
sort <i>optional</i>		<a href="#">Sort</a>
pageable <i>optional</i>		<a href="#">Pageable</a>
first <i>optional</i>		boolean
last <i>optional</i>		boolean
numberOfElements <i>optional</i>		integer (int32)
empty <i>optional</i>		boolean