Banking System Rest Api

Overview

Rest Api for banking system web application

Security

Type	Name	Scopes
apiKey	bearerAuth	

Paths

GET `/api/customer/{id}` **Get customer details**

Get Customer details by customer id.

Parameters

Type	Name	Description	Schema
path	**id** *required*		integer (int64)

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

PUT `/api/customer/{id}` **Update customer**

Update customer details

Parameters

Type	Name	Description	Schema
path	**id** *required*		integer (int64)

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

DELETE `/api/customer/{id}` **Delete customer and related accounts**

Delete customer

Parameters

Type	Name	Description	Schema
path	**id** *required*		integer (int64)

Responses

Code	Description	Links
200	Success *Content*	No Links

Code	Description	Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

GET `/api/customer` **Find all customers**

/

Gets details of all the customers

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

/

POST `/api/customer` **Add a Customer**

Add customer

/

Responses

Code	Description	Links
200	Success *Content*	No Links

Code	Description	Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

POST `/api/auth/login` **Authenticate User**

Authenticate User using username and password

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

GET `/api/admin/employee` **Find All Employees**

Find All Employees

Responses

Code	Description	Links
200	Success *Content*	No Links

Code	Description	Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

POST /api/admin/employee **Create User**

Create New User

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

POST /api/account **Create Account**

Create Account

Responses

Code	Description	Links
200	Success *Content*	No Links

Code	Description	Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

POST `/api/account/transfer` **Transfer Money**

Transfer Money from one account to an another account

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

POST `/api/account/link` **Link Customer with account**

Link Customer with the requested account

Responses

Code	Description	Links
200	Success *Content*	No Links

Code	Description	Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

GET `/api/auth/logout` Logging Out

Logging Out

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

GET `/api/admin/employee/{id}` Find an Employee

Find an Employee with the id

Parameters

Type	Name	Description	Schema
path	**id** *required*		integer (int64)

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

DELETE `/api/admin/employee/{id}` **Delete Employee**

Delete Employee using the id

Parameters

Type	Name	Description	Schema
path	**id** *required*		integer (int64)

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

GET /api/account/statement **Get account statement**

Get account statement for the given date range.

Parameters

Type	Name	Description	Schema
query	**endDate** *required*		string (date)
query	**accountNum ber** *required*		integer (int64)
query	**startDate** *required*		string (date)

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

GET /api/account/balance/{accountNo} **Get Account Balance**

Get Account Balance

Parameters

Type	Name	Description	Schema
path	**accountNo** *required*		integer (int64)

Responses

Code	Description	Links
200	Success *Content*	No Links
400	Bad Request *Content*	No Links
500	Internal Server Error *Content*	No Links

Components

Schemas

application/pdf

AddressRequest

Properties

Name	Description	Schema
address1 *required*		string
address2 *optional*		string
city *required*		string
state *required*		string
postcode *required*		string
country *required*		string

ContactRequest

Properties

Name	Description	Schema
emailId *required*		string
contactNo *required*		string

CustomerRequest

Properties /

Name	Description	Schema
firstName *required*		string
lastName *required*		string
customerNumber *required*		integer (int64)
customerAddress *required*		AddressRequest
contactDetails *required*		ContactRequest

CustomerView

Properties

Name	Description	Schema
id *optional*		integer (int64)
firstName *optional*		string
lastName *optional*		string
customerNumber *optional*		integer (int64)

Name	Description	Schema
createDateTime *optional*		string (date)
customerAddress *optional*		[AddressRequest](#)
contactDetails *optional*		[ContactRequest](#)

LoginRequest

Properties

Name	Description	Schema
username *required*		string
password *required*		string

UserRequest

Properties

Name	Description	Schema
username *required*		string
fullName *required*		string
password *required*		string
rePassword *required*		string
roles *required*	*unique items*	< string > array

UserView

Properties

Name	Description	Schema
id *optional*		integer (int64)
username *optional*		string
fullName *optional*		string
roles *optional*	*unique items*	< string > array

AccountRequest

Properties

Name	Description	Schema
bankInformation *required*		BankRequest
accountType *required*		string
accountBalance *required*		number (double)

BankRequest

Properties

Name	Description	Schema
branchName *required*		string
branchCode *required*		integer (int32)
branchAddress *required*		AddressRequest

AccountView

Properties

Name	Description	Schema
accountNumber *optional*		integer (int64)
bankInformation *optional*		BankRequest
accountType *optional*		string
accountBalance *optional*		number (double)
createdAt *optional*		string (date)
modifiedAt *optional*		string (date)

TransferRequest

Properties

Name	Description	Schema
fromAccountNumber *required*		integer (int64)
toAccountNumber *required*		integer (int64)
transferAmount *required*		number (double)
customerNumber *required*		integer (int64)

CustomerAccountRequest

Properties

Name	Description	Schema
accountNumber *required*		integer (int64)

Name	Description	Schema
customerNumber *required*		integer (int64)

CustomerAccountView

Properties

Name	Description	Schema
id *optional*		integer (int64)
accountNumber *optional*		integer (int64)
customerNumber *optional*		integer (int64)