PAY_SWIFT APPLICATION

Payment made simple

Project setup

1. Java Version 17

2. Framework: SpringBoot

3.Bulid System: Maven

4 Database: postgres

Starting the application

1. Ensure that your laptop is connected to the internect.

2. Visit the project link and clone the project :
https://github.com/malachyomeje/pay-swift

3. Refresh Maven to download all the dependencies

4. Create a postgres database named *payswift*

5. Right- click on the main method to run the application

6. It runs on *port: 1993*

7. Swagger documentaion can be accessed through:
http://localhost:1993/swagger-ui/index.html#

PaySwift

- PaySwift is a Fin-Tech application which enables users to pay for various utilities like airtime, data and electricity. After registration, a verification email will be sent to the user. The user can now log in to his account after he has been verified.

Pay-Swift ENTITY RELATIONSHIP

- USER and WALLET have one-to-one relationship which means that one user can only have one wallet;

- BANK and WALLET have one-to-one relationship which means that one user can have only one account number;

- WALLET AND TRANSACTIONS have one to many relationships which means that one wallet can have many transactions.

- TRANSACTION AND WALLET have many to one relationship which means that many transaction will belong to one wallet

How Pay-Swift works

- A user is ask to enter his creadentials and a verification email will be sent to him, after he has been verifed. The user is given access to log in and fund his wallet using the virtual accunt that is asign to him automatically by flutterwave or fund his wallet using paystack

- The user can now buy airtime , electricity or data

- Some endpoints like findAll, findByEmail, daleteUserByemail, lockAccount and so on can only be accessed by ADMIN

- currently you can only fund your wallet using paystack.

- the sevice that is avaliable for know is buying of airtime other service is been worked upon

Pay-Swift Limitations

- . 1 funding of wallet through virtual account is not avaliable
- 2 buying of data and electricity is not avaliable