BANKING SYSTEM WEB API

This web api exposes endpoint for users to manage their account and users profile.

* LOGIN:

This endpoint is for authentication of users. It takes in the ***idNumber*** which is unique for every user and their ***password***, if that user exists, it returns the jwt token to authorize with.

It will return code 200 Ok or 404 not found if the credentials are wrong or the user does not exist.

* GetAccounts

This is a Get endpoint, it takes a ***userID*** parameter to return all bank accounts linked to the user.

It will return code 200 Ok with the accountdetails if userAccount exist or 404 not found if the userAccount does not exist.

* GetAccount

This is a Get endpoint, it takes a user ***accountNumber*** to return details of that account, balance, accountType.

It will return code 200 Ok with the accountdetails if exist or 404 not found if the account does not exist.

* CreateAccount

This is a Post endpoint, it takes the ***accountholder, accountType*** and ***userId.*** The user has to exist for the account to be created successfully. It will return the created account with the account number, account status.

It will return code 200 Ok or 400 bad request if the userId does not exist, this means the account was not created.

* RegisterUser

This is a Post endpoint, it takes in the ***firstName, lastName, dateOfBirth, idnumber, residentialAddress, mobileNumber, emailAddress*** and ***password*** to create a user profile. It will return the created user details with the userId as well.

It will return code 200 Ok or 400 bad request if the user with that Idnumber already exists, this means the profile was not created

* Withdraw

This is a Put endpoint, it takes in the ***accountNumber*** and ***withdrawalAmount.*** If that account is still active, the balance is not less than the withdrawalAmount, withdrawalAmount is not zero or lesser, then it withdraws successfully.

It will either return code 200 Ok or 400 bad request.

* Deposit

This is a Put endpoint, it takes in the ***accountNumber*** and ***depositAmount.*** If that account is still active, the depositAmount is not less or equal to zero then it withdraws successfully.

It will either return code 200 Ok or 400 bad request.