**YAYO API DOCUMENTATION**

This is a simple documentation which explains how to use the simple API backend demo for the Yayo Financial tool. The system was created using PHP and JSON to send and receive the desired responses.The data was stored in a MYSQL Database.

**1.USER REGISTRATION**

First things first a user must be registered in order to use the other functionalities.In order to register the ser go this address <http://localhost/yayo/users/newuser.php>.

Submit the data in json fomat with a POST request in this form

{            "name": "string",

            "email": "string",

            "phone\_number": "integer",

           "password": "string",

            "role": "agent|user"

}

If successful the response code will be 200 which will be accommodated with a success response message

If failed the response code will be 400 or 500 depending on the cause of the error and it will be accompanied with the error message.

After successful registration the user will have an account automatically created or them.

Also if the users role is assigned as agent an agent code will be generated for them.

**2.BALANCE CHECK**

After the user has registered successfully .The balance of his/her accounrt can be inquired.In order to tet this feature visit this address on Postman or any other api tool <http://localhost/yayo/accounts/balance.php>

Submit a POST request with the following JSON format

{

    "user\_id":"int"}

N.B:The user\_id can be checked in the database in he user table.

If successful the response code will be 200 which will be accommodated with a success response message showing the account balance

If failed the response code will be 400 or 500 depending on the cause of the error and it will be accompanied with the error message.

**3.TOP UP**

A user will be able to add funds into their accounts.to test this feature visit the following url in your api testing tool <http://localhost/yayo/accounts/topup.php>

Submit the following data in a POST request

{

    "phone\_number":"int",

    "amount":"int"

    }

If successful the response code will be 200 which will be accommodated with a success response message showing the new account balance

If failed the response code will be 400 or 500 depending on the cause of the error and it will be accompanied with the error message.

**4.TRANSFER FUNDS**

This feature enables the user to transfer funds to other user’s accounts.to test this feature visit the following url in your api testing tool <http://localhost/yayo/payments/transfer.php>

Submit the data into a POST request in the following format

{

    "phone\_number":"integer",

    "recipient\_number":"integer",

    "amount":"integer"

}

If successful the response code will be his200 which will be accommodated with a success response message showing the new account balance

If failed the response code will be 400 or 500 depending on the cause of the error and it will be accompanied with the error message.

The successful transactions will be recorded in the transaction table of the database

5.UTILITY PAYMENT

This tool enables users to pay for different bills

Before paying,a company needs to be registered first.to register a company visit this url <http://loclhost/yayo/companies/register.php>

Submit data in a POST request with the following format

{

    "name":"string",

    "payment\_code":”integer"

}

If successful the response code will be 200 which will be accommodated with a success response message

If failed the response code will be 400 or 500 depending on the cause of the error and it will be accompanied with the error message.

After successful registration a user can now pay bills to that company.

In order to test this feature visit this link in your api testing tool <http://localhost/yayo/payments/utilities.php>

Submit the data in a POST request with the following request

{

    "phone\_number":"integer",

    "company\_code":"integer",

    "amount":"integer"

}

If successful the response code will be his200 which will be accommodated with a success response message showing the new account balance

If failed the response code will be 400 or 500 depending on the cause of the error and it will be accompanied with the error message.

The successful transactions will be recorded in the transaction table of the database

The transaction will also be recorded in the bills table of the database