

GENERAL UNDERSTANDING

Our project will be to create a banking system for our clients that will allow them to provide a better banking experience for their customers, and perform other specialized functions like mobile banking.

The project has 5 main parts:

The creation of a menu

The role of this menu is to ask the customer what he wants to do, e.g. consult the account, create an account, etc. From the customer's decision, it will be directed to other functions of the application.

creation of new accounts:

The creation of new accounts will be determined by the customer according to his choice in the main menu. In this function the customer will have to create a user name which will be necessary every time he wants to consult or make an action in his account, the user will have to enter a password necessary also for the opening of his account. After the creation of the account, a deposit will be necessary for the official opening of the account. The data entered by the user will be stored in a file and can be retrieved when he wants to consult his account. But we will also send the creation of an account number necessary to identify the account if he wants to make a transfer or make a deposit on his account.

transfers from his account to another account :

In this function the user will first have to identify himself (with his password and username) then the amount held in his account will be displayed and he will have the possibility to transfer to another account or another user like him. To transfer this he will need the account number of the other user to whom he wants to transfer.

will be deposited into the account:

From the main menu, the customer will use his login and password to access his account. From his account number, he will be able to make a deposit whenever he wants, but in order to be sure that he is logged in, he will have to confirm the transfer with his password or username.

consulted:

The function of this class will be just to consult the account. After the account consultation, the user will be asked to close the account or if he wants to perform another action in his account.

SUMMARY

Generally speaking, our project consists of setting up a money transfer application and a mini digital bank that can be easily accessed from a telephone or computer. We would like to develop the project in such a way that money deposits will be possible from momo MTNs or other normal bank accounts, but knowledge is still limited to this. Basically, we want to create a bank that doesn't need cash that will only be online and in time a bank that will have the ability to offer online services such as buying clothes with Bitcoin and others but for the first step we will limit ourselves to just the 5 parts of the project we have listed above.

FILE CLASS:

Here we stop 5 classes and we will list them below.

Class menu: The relation it will have between this class is that it will direct the user to the different functions of the other classes.

Class creation

From the main menu if the user wants to create a new account this class with its functions will need to enter in actions, he will need his name, password, and account number.

Class transfer

From the main menu, if the user wants to transfer money to another user, he will use the account number and user name of the person to whom he wants to transfer the money that has been saved by a class creation function, but before doing so, he will need to identify himself with the data that has been saved during creation.

Class deposit

In the main menu, if the user wishes to make a deposit he will need his username and account number which is saved by a Class creation function.

Class consult

In the main menu, if the user wishes to make a consultation The user can use his username and password which has been saved by a function of the Class creation.