**Java Credit Phase 2**

Java Credit Main Menu

[1] New Credit Account

[2] Credit Inquiry

[3] Purchases

[4] Payment

[5] Close Credit Account

[6] Exit

Program Specifications:

1. New Credit Account

* Input client details: name, address, birthday, and contact number
* Input the annual income and assign credit limit as follows:

Annual Income Credit Limit

200,000 30,000

300,000 50,000

Above 500,000 100,000

* Generate a four-digit credit account number randomly

1. Credit Inquiry

* Input the credit account number and validate
* If credit account number is valid, display the credit limit and credit balance

1. Purchases (override the purchase method of the Credit class)

* Input the credit account number and validate
* If credit account number is valid, input the amount of purchases of not less than Php 100 and not greater than the credit limit plus interest
* Compute and update the credit balance as follows:

Credit balance+=amount of purchases

Interest=3% of credit balance

Credit balance+=interest

1. Payment (override the payment method of the Credit class)

* Input the credit account number and validate
* If credit account number is valid, input the amount of payment, not less than Php 100, and not greater than the credit balance
* Compute and update the credit balance as follows:

Credit balance-=amount of payment

1. Client Profile

* Input the credit account number and validate
* If account number is valid, display the name, address, birthday, contact number, and current balance of the user.

1. Close Credit Account

* Input the credit account number and validate
* If credit account number is valid, confirm if the user closes the account then set the credit balance and the credit account number to zero
* Otherwise, go back to the main menu

1. Exit

* Terminates the program

1. Main Menu

* Validate the transaction codes by the user
* The user should not be allowed to perform transactions 2 to 5, unless a new credit account has been created
* Once an account is active, the user should not be allowed to repeat transaction 1

TravelCredit

Credit

Client

CallAgent