TEAM 08 - ROCKET TEAM

MEMBERS: Shuguli Alan - Simbaña Jonathan - Tapia Andrea - Tayo Sebastián - Teca Camila
LEADER: Shuguli Alan
TOPIC: Banking plan

OBJECTS:

1. **Profile**
   Attributes
   -name: String
   -age: int
   -ID: int
   -password: int
   Operations
   +changePassword(): void
   +createAccount(): Account

2. **Account**
   Attributes
   -balanceInquiry: float
   -withdrawals: float
   -savingsAccount : Saving[]
   -checkingAccount: Checking[]
   -cdtAccount: Cdt[]
   -transfer: float
   Operations
   +requestBalanceInquiry (): void
   +seeWithdraws (): void
   +transfer (): void
   +useGuide (): Guide

3. **Saving Account**
   Attributes
   -accountNumber: String
   -money: Money []
   Operations
   +deposit():float
   +withdraw(): float
   +transfer(): float
   +interestEstimated(): Interest

4. **Checking Account**
   Attributes
   -accountNumber:String

-money Money[]
-profits Profit[]
Operations
+deposit():float
+advance():float
+transfer():float

5. **CDT**

   Attributes
   -investmentMoney: float
   -interestRate: float
   -gain: float
   -timeInDays: int
   -money Money[]
   Operations
   +calculateCdt(): float

6. **Interest**

   Attributes
   -interest: float
   Operations
   +tgenerateInterestSavings():void

7. **Guide**

   Attributes
   -accountManagement:String
   -savingsAccount:String
   -currentAccount :String
   -cdtAccount :String
   -interestManagement:String
   Operations
   +learnAccount():void
   +learnSavings():void
   +learnChecking():void
   +learnCdt():void
   +learnInterest(): void

8. **Profit**

   Attributes
   -savingsTotal : float
   -checkingTotal : float
   Operations
   +seeSaving(): float
   +seeChecking(): float

9. **Management**

Attributes

-checks status: String
-income: float
-transaction:float

Operations

+checkAccount():void
+registerIncome():void
+registerTransaction():void
+manageAccount():Account

10. **Money**

Attributes

-minValue: float
-maxValue: float

Operations

+estimatedMaximum():void
+estimatedMinimum():void