Banking System
(StackBank)

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Current

+ CalculateInterest()
- createTransaction()
+ CalculatePenalty()

Customer

\# name: string
\# balance: int
\# string : type
\# account number : int

+ getAccountnumber()
+ getSetaccountnumber()
+ getBalance()
+ setBalance()
+ getName()
+ setName()
+ getTransaction()
+ setTransaction()
+ getType()
+ settype()

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Database

-List : customer

+ getCustomer()
+ setCustomer()

DepositMoney

- localdatetime
- txtno.
- txtName
- txtDeposit
- date

+ DepositMoney()
- CheckAccount()

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Transactions

- d: string
- amount : int
- newBalance : int

+ getD()
+ setD()
+ getAmount()
+ setAmount()
+ getNewBalance()
+ setNewBalance()
+ Transactions()

1

NewAccount

- txtno. : int
- txtname : string
- date : int

+ NewAccount()
+ validAccountNumber()
- CheckAccount()
- txtclear()

1

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WithdrawMoney

- localdateTime : int
- txtwithdraw : string
- textname : string

- CheckAccount()
- TxtClear()

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savings

+ CalculateInterest()
+ CalculatePenalty()
- createTransaction()