

Customer

name : String
billingaddress : String
email : String
unique id : long

newCustomer()
removeCustomer()
editCustomerRecord()
printQRCard()
printTransactionHistory()

CreditCardInfo

name : String
accountNumber : String
expirationDate : Date
securityCode : int
serviceProvider : String

newCreditCard()
removeCreditCard()
editCreditCard()
processCreditCard()

Rewards

goldStatus : Boolean = false
goldStatusThreshold : int = 500
goldStatusDiscount : int = 0.05
creditThreshold : int = 50
creditAmount : int = 5
creditBalance : int
creditExpiration : Date
totalPurchase : int
emailGoldStatus : Boolean = false
emailCredit : Boolean = false

sendGoldStatusEmail()
sendCreditEmail()
setGoldStatus()
addCreditWithExpDate()
addPurchaseAmount()
checkGoldStatus()
checkCreditAmount()

Transaction

itemType : String
date : Date
originalPrice : int
discount : int
discountType : String
priceAfterDiscount : int

newTransaction()
deleteTransaction()
editTransaction()
calculateDiscount()

