## Customer

firstName : String
lastName : String
zipCode : Integer
emailAddress : String
totalAward : Double
isGold : Boolean

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setFirstName() : String
setLastName() : String
setZipCode() : Integer
setEmailAddress() : String
getFirstName()
getLastName()
getZipCode()
getEmailAddress()
calculateTotalAward() : Double
sendEmail()
displayHistory()
setGold() : Boolean
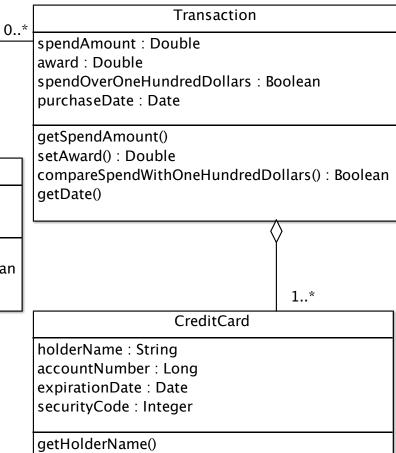saveTransactionSummary()

## Transaction

spendAmount : Double
award : Double
spendOverOneHundredDollars : Boolean
purchaseDate : Date

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getSpendAmount()
setAward() : Double
compareSpendWithOneHundredDollars() : Boolean
getDate()

0..*

## Discount

/dollarDiscount : Integer
persentageDiscount : Boolean

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setDollarDiscount() : Double
setPersentageDiscount() : Boolean
calculateDiscount() : Double

## <<utility>>
## Date

## CreditCard

holderName : String
accountNumber : Long
expirationDate : Date
securityCode : Integer

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getHolderName()
getAccountNumber()
getExpirationDate()
getSecurityCode()
calculateAwardOfCard() : Double

1..*