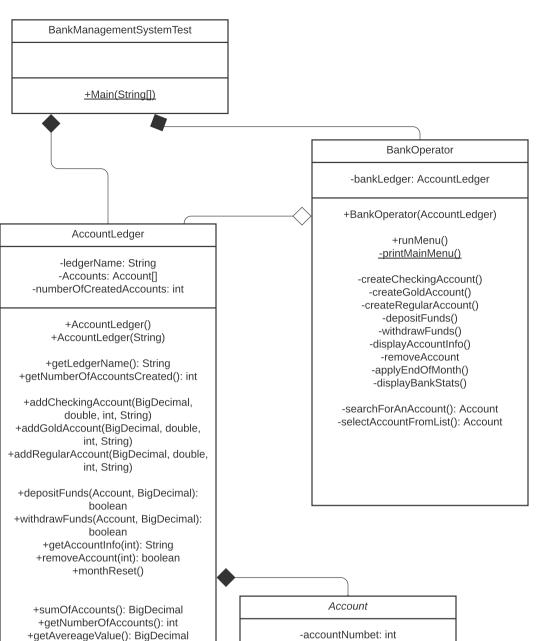
Bank Management System

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<u>UserInput</u>

-in: Scanner

-UserInput()

+divider()
+yesOrNoQuestion(): boolean
+enterName(String): int
+enterNumber(String, int, int): int

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-accountNumbet: int -balance: BigDecimal -customerID: int -customerName: String

+Account(int, BigDecimal int, String)

+getAccountNumber(): int +getbalance(): BigDecimal +getcustomerID(): int +getCustomerName(): String

+depositFunds(BigDecimal): boolean +withdrawFunds(BigDecimal): boolean +monthReset()

> +toString(): String +equals(): boolean

CheckingAccount

+getLargestValue(): Account

+getAccountsWith0Balance(): Account[]

-getIndexOfAccount(int): int +searchByAccountNumber(int): Account

+searchAccountsByCustomerName(String): Account[]

+searchAccountsByCustomerID(int):

Account∏

+toString(): String

-totalTransactions: int -transactionFee: double

+CheckingAccount(int, BigDecimal, int, String)

+getTotalTransactions(): int +getTransactionFee(): double

+depositFunds(BigDecimal): boolean +withdrawFunds(BigDecimal): boolean

GoldAccount

-interestRate: double

+GoldAccount(int, BigDecimal, int, String)

+getInterestRate(): double

RegularAccount

interestRate: doublemonthlyFee: double

+RegularAccount(int, BigDecimal, int, String)

+getInterestRate(): double +getMonthlyFee(): double