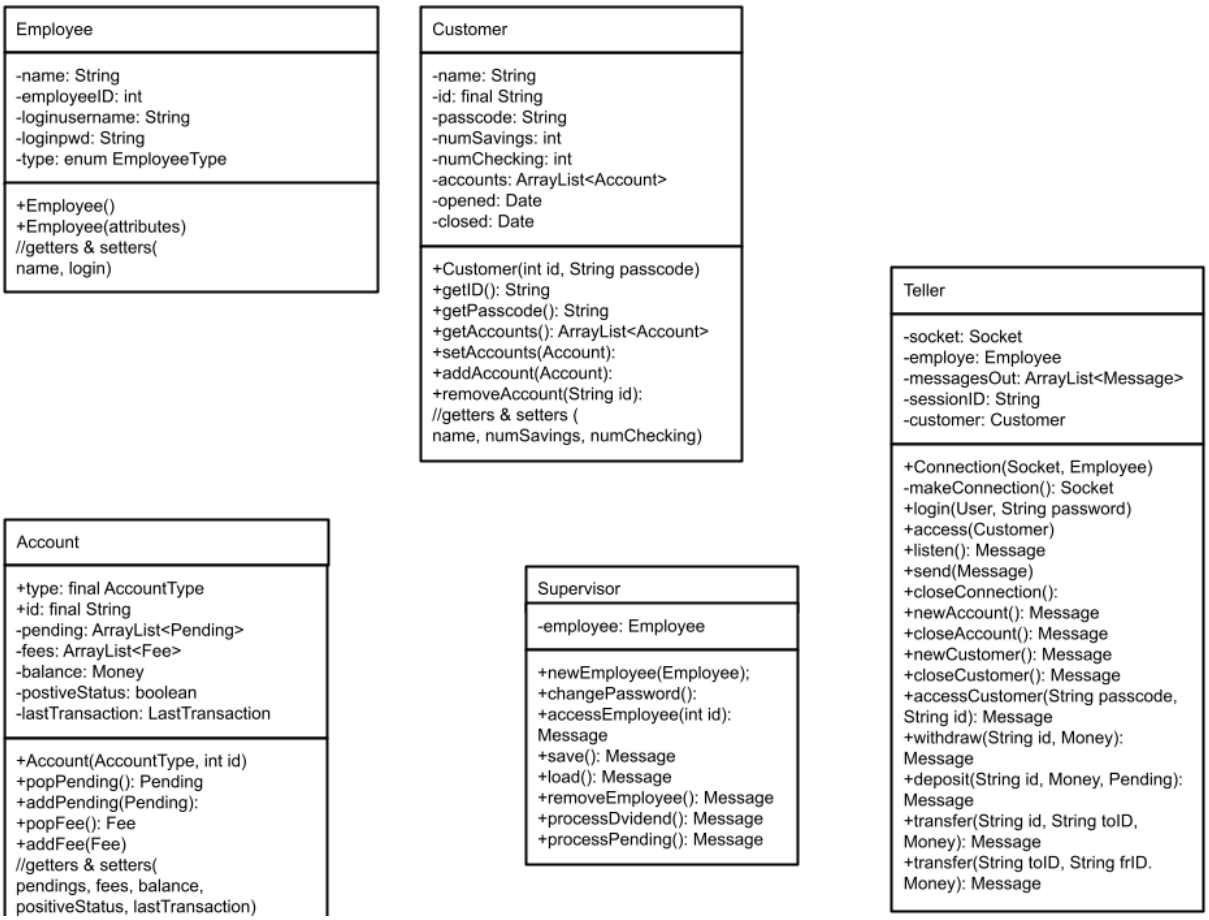
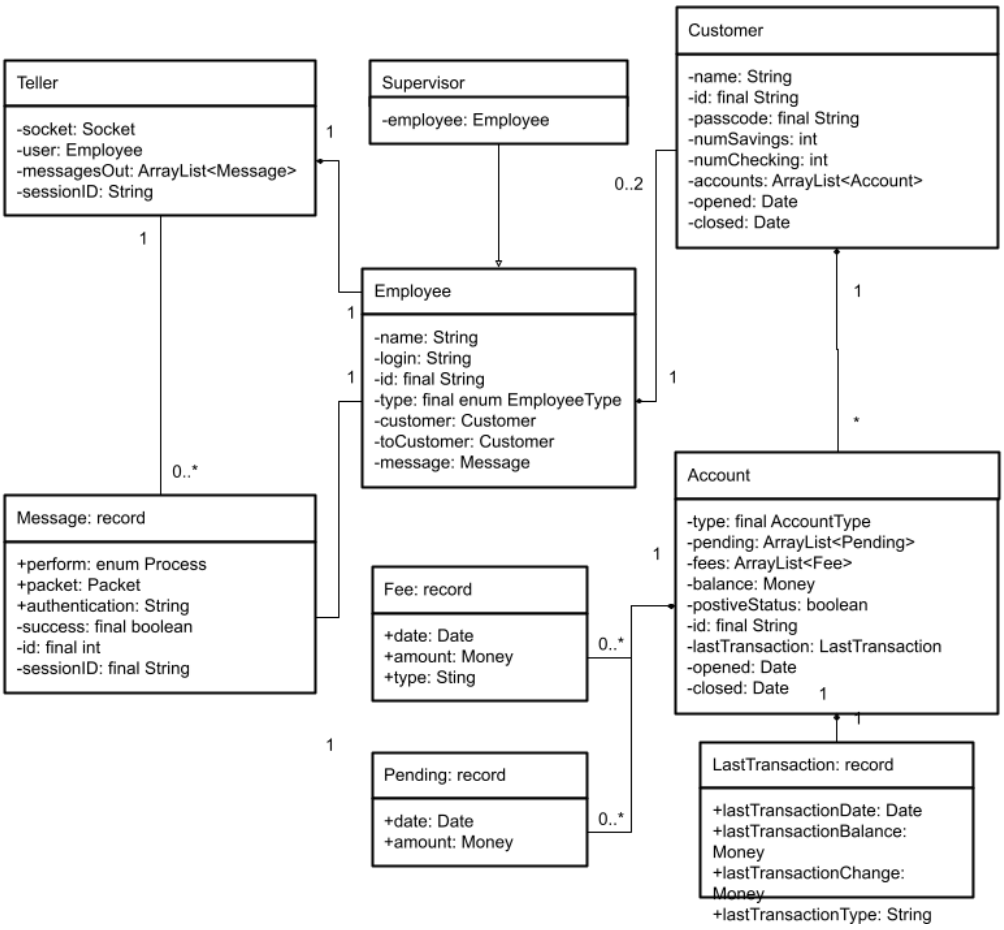
Teller

Full Class Description

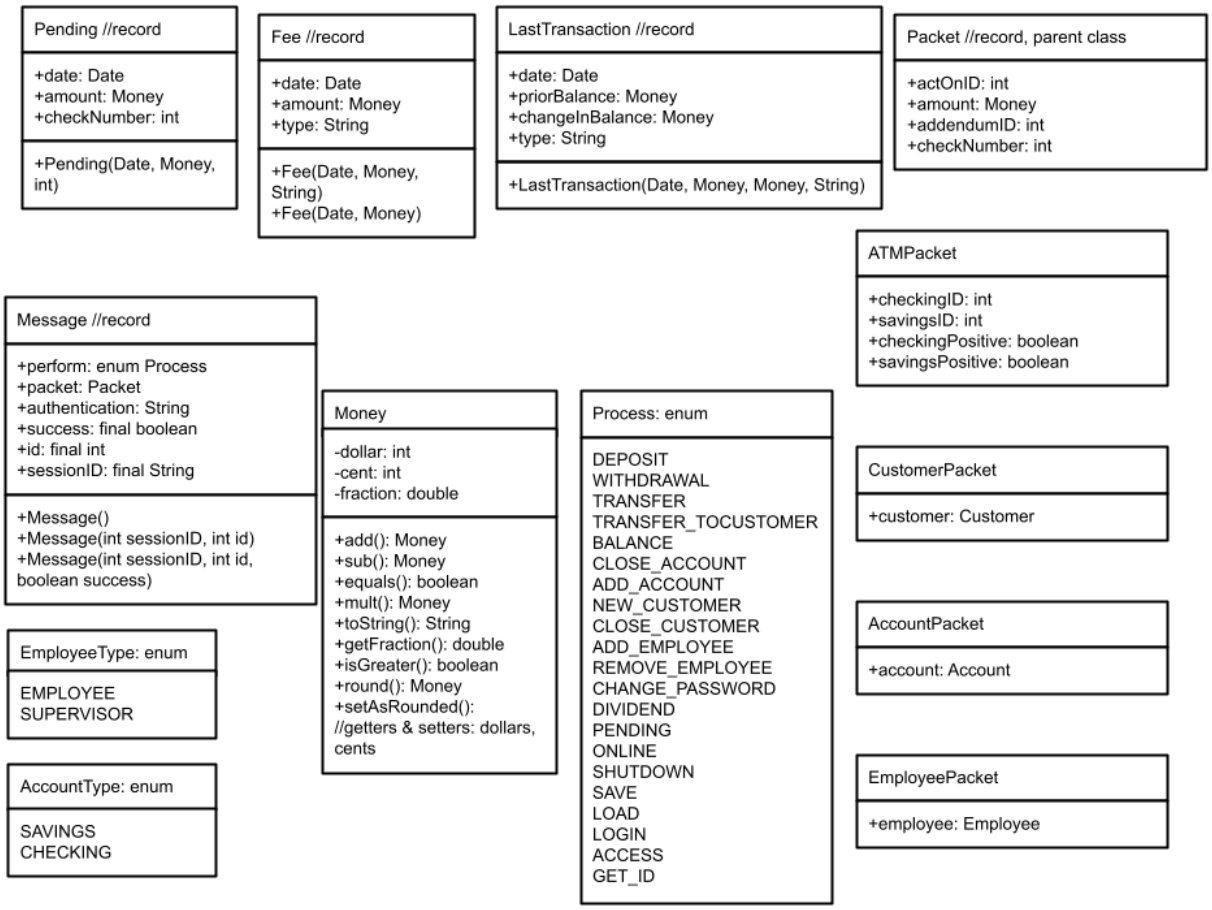


System

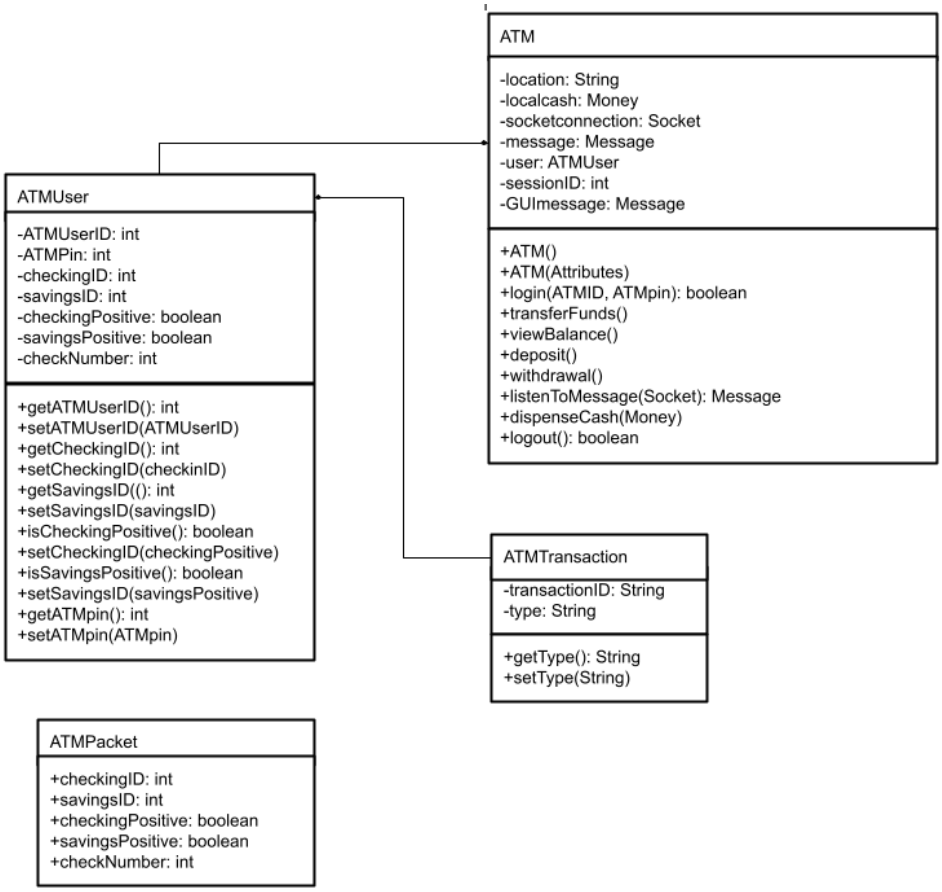


Teller
-socket: Socket
-user: Employee
-messagesOut: ArrayList<Message>
-sessionID: String
Supervisor
-employee: Employee
Customer
-name: String
-id: final String
-passcode: final String
-numSavings: int
-numChecking: int
-accounts: ArrayList<Account>
-opened: Date
-closed: Date
Employee
-name: String
-login: String
-id: final String
-type: final enum EmployeeType
-customer: Customer
-toCustomer: Customer
-message: Message
Message: record
+perform: enum Process
+packet: Packet
+authentication: String
-success: final boolean
-id: final int
-sessionID: final String
Account
-type: final AccountType
-pending: ArrayList<Pending>
-fees: ArrayList<Fee>
-balance: Money
-postiveStatus: boolean
-id: final String
-lastTransaction: LastTransaction
-opened: Date
-closed: Date
Fee: record
+date: Date
+amount: Money
+type: Sting
Pending: record
+date: Date
+amount: Money
LastTransaction: record
+lastTransactionDate: Date
+lastTransactionBalance: Money
+lastTransactionChange: Money
+lastTransactionType: String
1
1
0..2
1
1
1
1
*
0..*
1
0..*
1
1
1
0..*

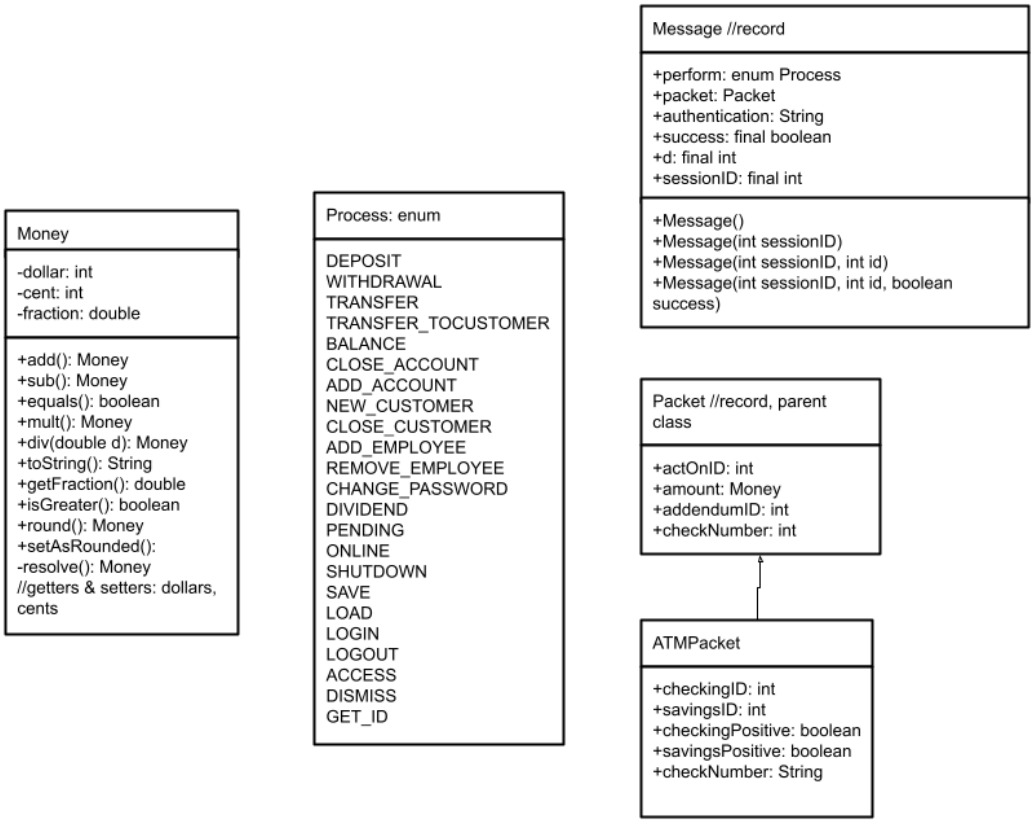
Supporting Classes



ATM
System

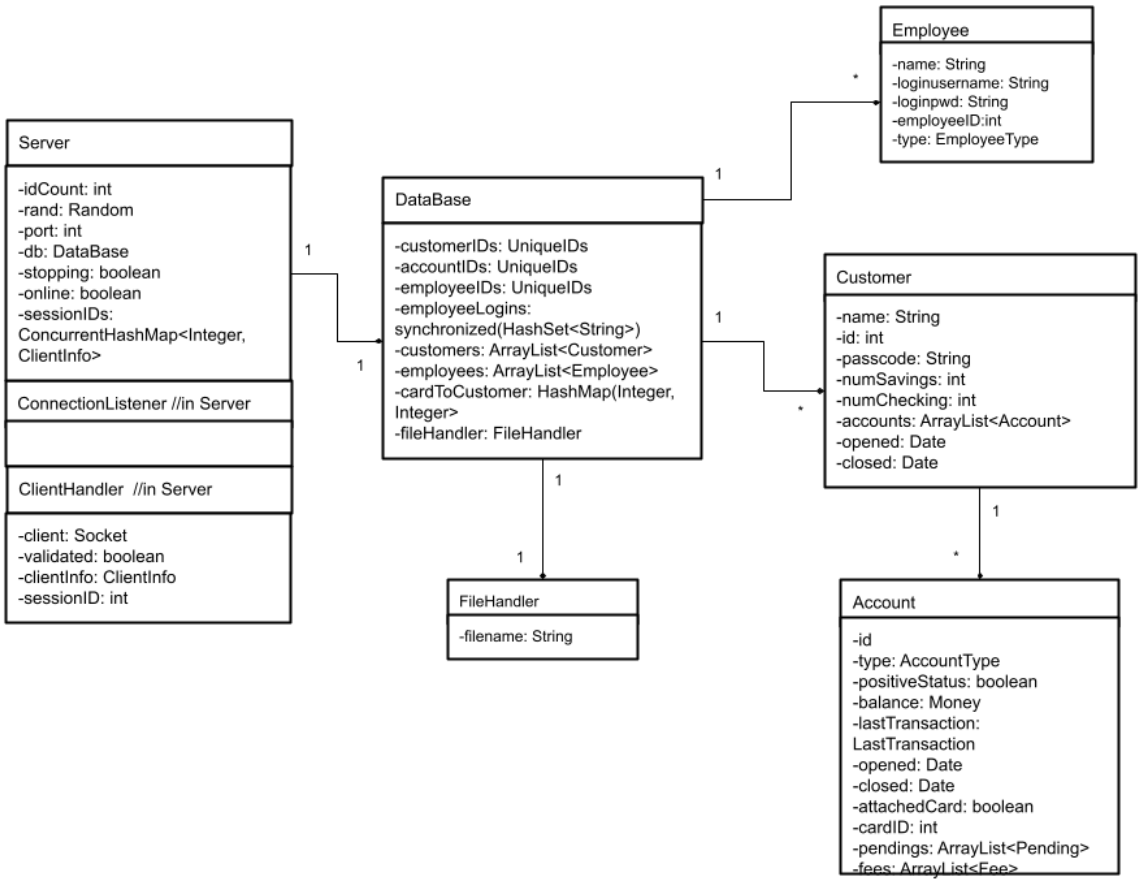

ATM
-location: String
-localcash: Money
-socketconnection: Socket
-message: Message
-user: ATMUser
-sessionID: int
-GUImessage: Message
+ATM()
+ATM(Attributes)
+login(ATMID, ATMpin): boolean
+transferFunds()
+viewBalance()
+deposit()
+withdrawal()
+listenToMessage(Socket): Message
+dispenseCash(Money)
+logout(): boolean
ATMUser
-ATMUserID: int
-ATMPin: int
-checkingID: int
-savingsID: int
-checkingPositive: boolean
-savingsPositive: boolean
-checkNumber: int
+getATMUserID(): int
+setATMUserID(ATMUserID)
+getCheckingID(): int
+setCheckingID(checkinID)
+getSavingsID((): int
+setSavingsID(savingsID)
+isCheckingPositive(): boolean
+setCheckingID(checkingPositive)
+isSavingsPositive(): boolean
+setSavingsID(savingsPositive)
+getATMpin(): int
+setATMpin(ATMpin)
ATMTransaction
-transactionID: String
-type: String
+getType(): String
+setType(String)
ATMPacket
+checkingID: int
+savingsID: int
+checkingPositive: boolean
+savingsPositive: boolean
+checkNumber: int

Supporting classes

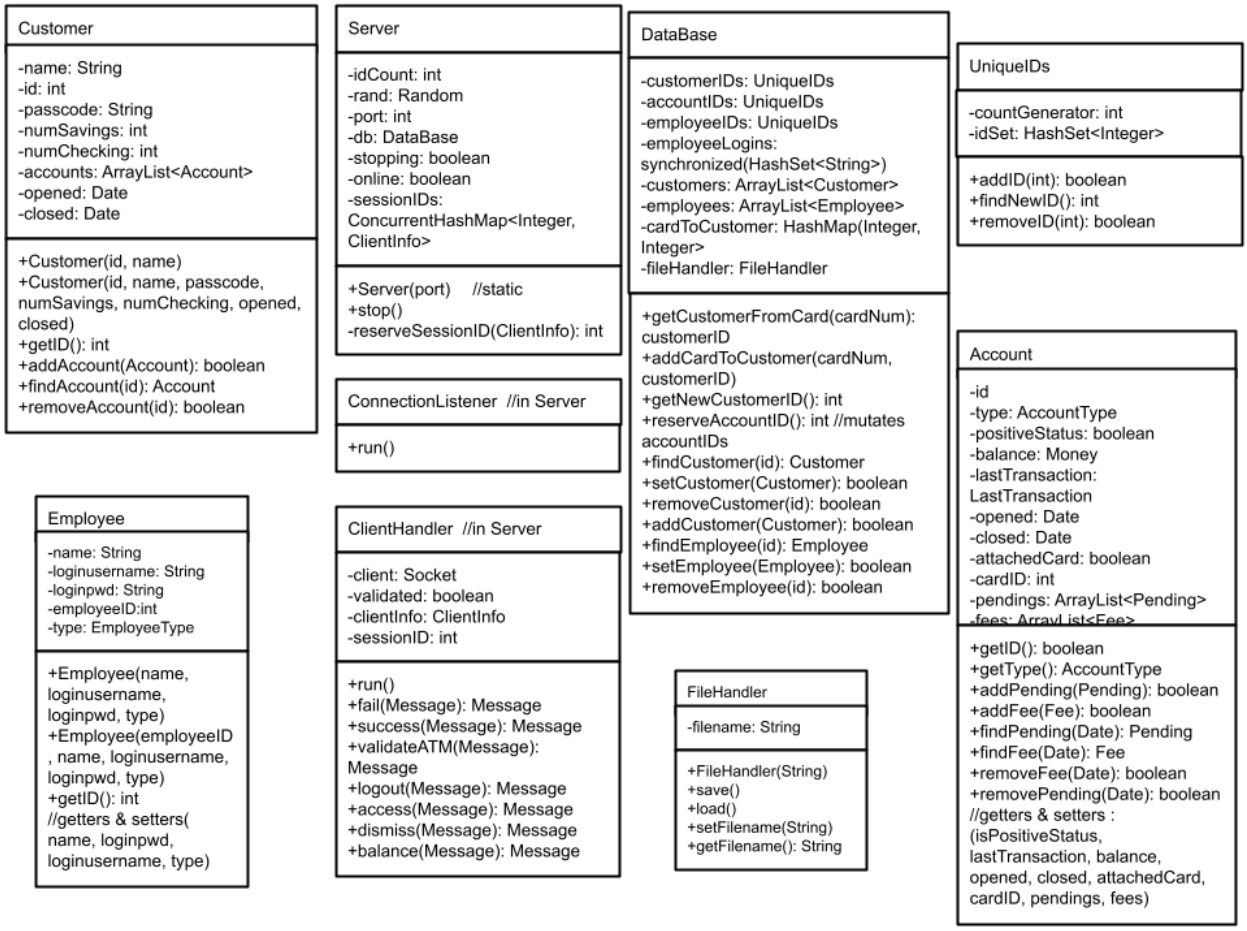
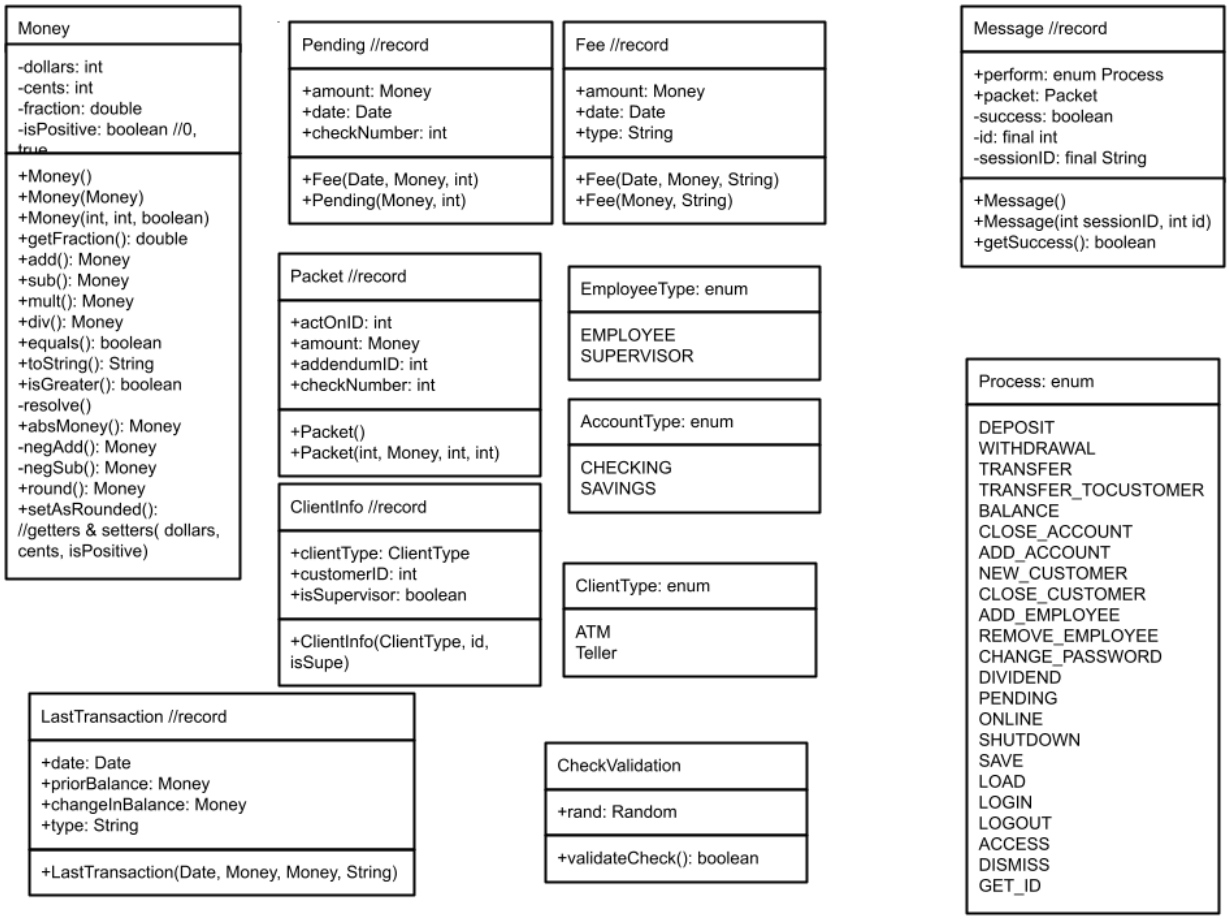


Server

System



Full Class Description



Supporting Classes