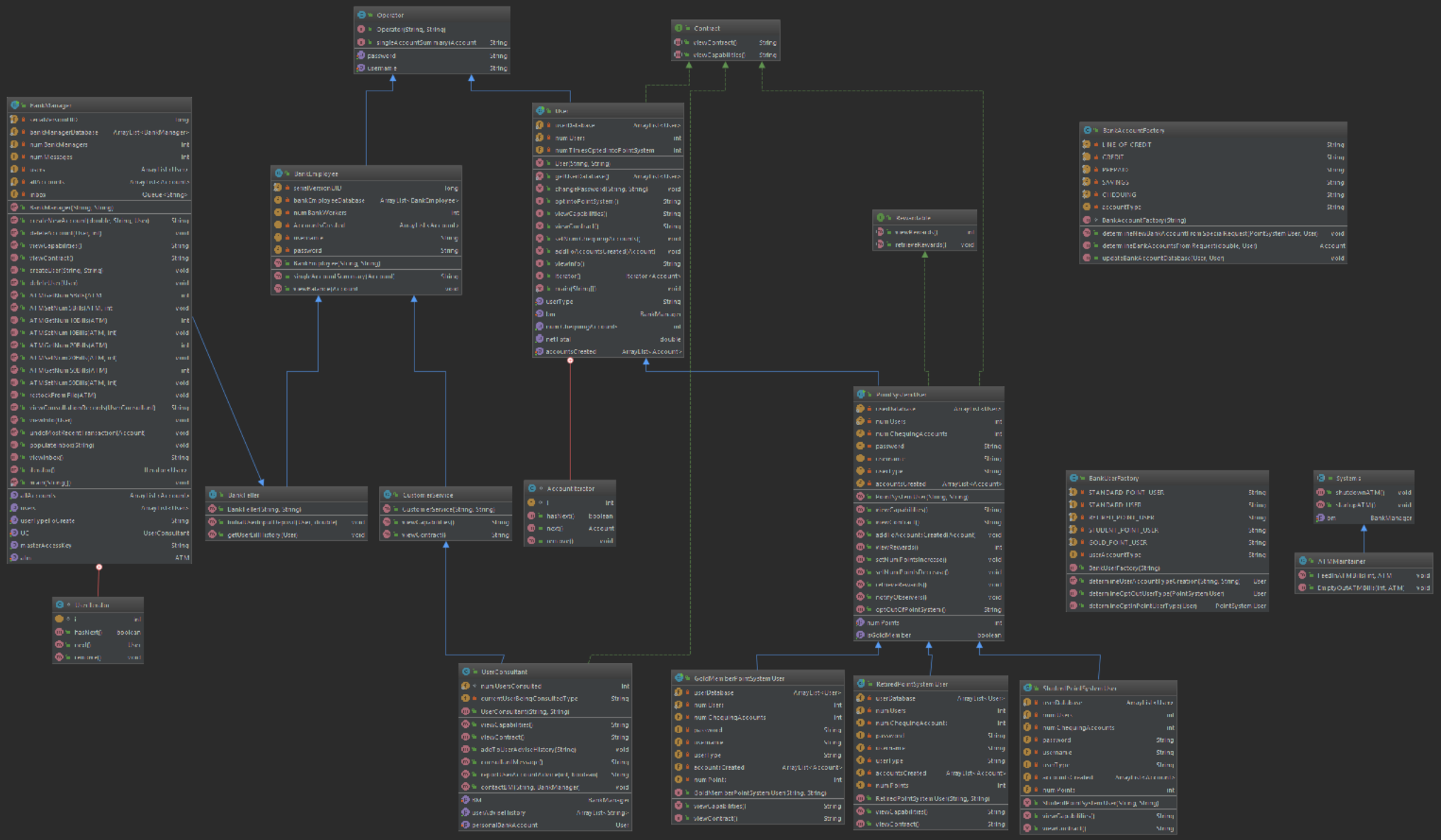
Operator
Operator(String, String)
singleAccountSummaryAccount String
password String
username String
Contract
viewContract() String
viewCapabilities() String
BankManager
serialVersionUID long
bankManagerDatabase ArrayList<BankManager>
numBankManagers int
numMessages int
users ArrayList<User>
allAccounts ArrayList<Account>
inbox Queue<String>
BankManager(String, String)
createNewAccount(double, String, User) String
deleteAccount(User, int) void
viewCapabilities() String
viewContract() String
transfer(String, String) void
deleteUser(User) void
ATMGetNumStolen(ATM) int
ATMSetNum10Bills(ATM, int) void
ATMGetNum10Bills(ATM) int
ATMSetNum20Bills(ATM, int) void
ATMGetNum20Bills(ATM) int
ATMSetNum50Bills(ATM, int) void
ATMGetNum50Bills(ATM) int
ATMSetNum100Bills(ATM, int) void
restockFromFile(ATM) void
viewCurrentBalanceOfAccount(BankConsultant) String
viewInfo(User) void
undoMostRecentTransaction(Account) void
populateInbox(String) void
viewInbox() String
Run() Runnable Object
main(String[]) void
allAccounts ArrayList<Account>
users ArrayList<User>
userTypeToCreate String
UC UserConsultant
masterAccessKey String
atm ATM
BankEmployee
serialVersionUID long
bankEmployeeDatabase ArrayList<BankEmployee>
numBankWorkers int
AccountsCreated ArrayList<Account>
username String
password String
BankEmployee(String, String)
singleAccountSummary(Account) String
viewStatement(Account) void
User
userDatabase ArrayList<User>
numUsers int
numTimesOptedIntoPointSystem int
User(String, String)
getUserDatabase() ArrayList<User>
changePassword(String, String) void
optIntoPointSystem() String
viewCapabilities() String
viewContract() String
setNumChequingAccounts() void
addToAccountsCreated(Account) void
viewInfo() String
iterator() Iterator<Account>
mainMenu() void
userType String
bm BankManager
numChequingAccounts int
netTotal double
accountsCreated ArrayList<Account>
Rewardable
trackRewards() int
retrieveRewards() void
BankAccountFactory
LINE_OF_CREDIT String
CREDIT String
PREPAID String
SAVINGS String
CHEQUING String
accountType String
BankAccountFactory(String)
determineNewBankAccount(NewSpecialRequest, PointSystemUser, User) void
determineBankAccountFromRequest(double, User) Account
updateBankAccountDatabase(User, User) void
PointSystemUser
userDatabase ArrayList<User>
numUsers int
numChequingAccounts int
password String
username String
userType String
accountsCreated ArrayList<Account>
numPoints int
PointSystemUser(String, String)
viewCapabilities() String
viewContract() String
addToAccountsCreated(Account) void
viewRewards() int
setNumPointsIncrease() void
setNumPointsDecrease() void
retrieveRewards() void
notifyObservers() void
optOutOfPointSystem() String
numPoints int
isGoldMember boolean
BankUserFactory
STANDARD_POINT_USER String
STANDARD_USER String
RETIRED_POINT_USER String
SILVER_POINT_USER String
GOLD_POINT_USER String
userAccountType String
BankUserFactory(String)
determineUserAccountTypeCreation(String, String) User
determineOptOutUserType(PointSystemUser) User
determineOptInPointUserType(User) PointSystemUser
System
shutdownATM() void
startupATM() void
bm BankManager
ATMMaintainer
FeedInATMBills(int, ATM) void
EmptyOutATMBills(int, ATM) void
BankTeller
BankTeller(String, String)
initializeWithPrivileges(User, double) void
getUserBillHistory(User) void
CustomerService
CustomerService(String, String)
viewCapabilities() String
viewContract() String
AccountIterator
i int
hasNext() boolean
next() Account
remove() void
IterBillin
i int
hasNext() boolean
next() Iter
remove() void
UserConsultant
numUsersConsulted int
currentUserBeingConsultedType String
UserConsultant(String, String)
viewCapabilities() String
viewContract() String
addToBankEmployeeHistory(String) void
currentBalanceOfAccount(Account) Sting
requestNewAccountAccess(int, BankEmployee) String
contactATM(String, BankManager) void
bM BankManager
useAdvancedHistory ArrayList<String>
personalBankAccount User
GoldMemberPointSystemUser
userDatabase ArrayList<User>
numUsers int
numChequingAccounts int
password String
username String
userType String
accountsCreated ArrayList<Account>
numPoints int
GoldMemberPointSystemUser(String, String)
viewCapabilities() String
viewContract() String
RetiredPointSystemUser
userDatabase ArrayList<User>
numUsers int
numChequingAccounts int
password String
username String
userType String
accountsCreated ArrayList<Account>
numPoints int
RetiredPointSystemUser(String, String)
viewCapabilities() String
viewContract() String
SilverPointSystemUser
userDatabase ArrayList<User>
numUsers int
numChequingAccounts int
password String
username String
userType String
accountsCreated ArrayList<Account>
numPoints int
SilverPointSystemUser(String, String)
viewCapabilities() String
viewContract() String