# ATM.Controller Descriptions

**Class:** DepositAgent

**Notable Methods:** getTransferred(), getReceipt()

**Description:** The DepositAgent class is a runnable object that performs deposit actions on a BankAccount. Actions and exceptions are recorded on a Receipt object.

**Class:** WithdrawAgent

**Notable Methods:** getTransferred(), getReceipt()

**Description:** The WithdrawAgent class is a runnable object that performs withdraw actions on a BankAccount. Actions and exceptions are recorded on a Receipt object.

**Class:** TransferAgent

**Notable Methods:** getTransferred(), getReceipt()

**Description:** The TransferAgent class is a runnable object that performs transfer actions on two BankAccounts. Actions and exceptions are recorded on a Receipt object.

**Class:** TransactionManager

**Notable Methods:** withdraw(…), deposit(…), transfer(…), showBalance(…)

**Description:** The TransactionManager class uses various Agent objects to act upon BankAccounts to Withdraw, Deposit, Transfer, and Display balances and returns a Receipt object for actions performed.

**Class:** PinAuthenticator

**Notable Methods:** checkPIN(…)

**Description:** The PinAuthenticator class provides methods to check a given PIN against a BankAccount. After 3 failed attempts the BankAccount provided is locked.