Use Case Specification

Use Case ID: 1

Use Case Name: Deposit/Withdraw Currency

Relevant Requirements: 3.1.1.1, 3.1.1.2, 3.1.3.1

Primary Actor: Customer

Pre-conditions: Customer account exists within the system. Must be at a valid ATM machine.

Post-conditions: Customer account balance is updated with new currency amount and if withdrawing, given the correct amount of currency.

Basic Flow or Main Scenario:
1. Customer enters username and password.
2. Customer chooses an account to interact with.
3. Customer chooses action for withdrawal/deposit.
4. System processes customer action by inputting/outputting amounts.
5. System updates user account and logs action.

Extensions or Alternate Flows:
1. Customer enters account number and PIN.
2. Customer chooses actions for the given account.

Exceptions: Can't withdraw from insufficient funds.

Related Use Cases: Checking Account information.

Use Case ID: 2

Use Case Name: Transfer account funds

Relevant Requirements: 3.1.1.1, 3.1.3.1, 3.1.3.2

Primary Actor: Customer/Teller

Pre-conditions: Accounts exist within the system. Account has sufficient funds.

Post-conditions: Funds are transferred between accounts and both accounts are correctly updated.

Basic Flow or Main Scenario:
1. Customer logs into the system with username and password.
2. Customer chooses the amount to transfer.
3. Customer inputs account number to transfer funds to.
4. System transfers funds and updates accounts. Action is logged into both accounts' history.

Extensions or Alternate Flows:
1. Teller logs in with username and password.
2. Teller inputs account number to transfer from.
3. Teller inputs amount to transfer.
4. Teller inputs account number to transfer funds.
5. System transfers funds and updates accounts. Action is logged into both accounts' history.

Exceptions: Account number does not exist.

Related Use Cases: Withdraw/Deposit, Checking Account Information

Banking System

Customer/Teller

Login → Select Account → Access Account History

Deposit

Withdraw

Transfer Account Funds

Choose Account to Transfer

Update Account History