**Use Case Name: ATM Machine Operations**

**Actors:** Customer, Bank Server, Maintenance Staff, System Administrator

**Goal:** To enable customers to perform secure banking transactions such as withdrawing cash, depositing money, transferring funds, and checking account balances, while ensuring proper system upkeep and supervision.

**Preconditions:**

* The ATM must be operational, connected to the bank’s network, and stocked with adequate cash.
* The customer must possess a valid ATM card and correct PIN credentials.

**Post conditions:**

* The requested transaction is processed successfully, the account balance is updated, and a receipt is generated if requested.
* The ATM system remains functional and ready for the next transaction.

**Main Flow:**

1. The customer inserts the card and enters the PIN for verification.
2. The ATM communicates with the Bank Server to validate credentials.
3. The customer selects the desired transaction type (Withdraw, Deposit, Transfer, or Balance Inquiry).
4. The Bank Server processes and authorizes the transaction, updating the account information.
5. The ATM dispenses cash or displays the requested account details.
6. A printed receipt is provided upon customer request.
7. Maintenance Staff perform refilling and servicing of the ATM when required.
8. The System Administrator oversees system performance and generates operational reports.