Detailed Use Case Descriptions

**Name:** Login.

**Description:** A user is logged onto the system through their own account.

**Actor:** User.

**Pre-Conditions:** Has the user provided valid credentials.

**Flow:**

1. User is given the option to login .

**Alternative Flow:**

1. User has provided incorrect information, an error message is shown that asks the user to try logon again.

**Name**: Logged in User

**Description:** A logged on user can logout of their account or they can perform transactions using their account.

**Actor:** Logged in User.

**Pre-Conditions:**

1. When the user is making a withdrawal the must have enough money in their account for the withdrawal
2. When the user is making a transfer they must include the correct bank details of the account the money is being transferred to and the account that the money is being transferred from must have sufficient funds.

**Flow:**

1. Withdraw money from account and debit the account accordingly.
2. Transfer money so that the users account is debited and the receiving account is credited.
3. Show balance on the logged in account
4. Print Statement shows all the transactions that have been completed in the lifetime of the program.
5. Exit allows the user to logout of the atm.

**Name:** Manager

**Description:** Changes the type that the data is saved as eg. Comma or Tab spaced.

**Actor**: Manager

**Flow:**

1. Manager is given option to set the data type of the stored accounts.
2. Comma, all account details are separated by commas.
3. Tab, all accounts are separated by a Tab space.
4. Exit allows the manager to logout of the atm.