Use Case #1: Write a use case for a customer withdrawing cash from the customer's account.

Title: User withdraws money

Inputs: ATM/Debit Card, PIN number, "Withdraw" selection, "Amount of Cash to be Withdrawn" selection, "Account to Withdraw From" selection, "Receipt Preference" selection, "Finished" selection

Outputs: Cash, Receipt

      As a customer, I want to withdraw money from my account. The ATM asks me to insert my card, so I insert my bank card. When I insert my card, the ATM asks me to enter my PIN, so I enter it. If I enter it incorrectly, the ATM rejects it and asks me to try again. If I enter it correctly, the ATM gives me a selection of options, including withdraw, deposit, check balance, etc. I choose the withdraw option. The ATM asks me how much cash I want to withdraw and I enter a number. If I enter something less than $20 as an input, the ATM tells me I am under the minimum withdrawal amount and asks me to enter a new number above $20. If I enter something greater than $1000 as an input, the ATM tells me that I have exceeded the maximum withdrawal amount and asks me to input a new number. If I enter a valid number, the ATM asks me to choose which account to withdraw from, from a list of all my available accounts (checking, savings, CD, etc). If I choose checkings, the cash will be withdrawn from my checking account. If I choose another account, the cash will be withdrawn from that account. When I have made my selection, the ATM dispenses cash from the cash slot and asks me "would you like a receipt". If I say yes, the ATM prints a receipt. If I say no, the ATM does not print a receipt. With either choice, the ATM will ask me "would you like to make another transaction?". If I say yes, the ATM goes back to the selection of options (withdraw, deposit, check balance). If I say no, the ATM prints a "thank you" message and returns to the state it was in at the beginning of the use case.

Use Case #2: Write a use case for a customer making a deposit into one of the customer's accounts.

Title: User deposits money

Inputs: ATM/Debit Card, PIN number, "Deposit" selection, "Account" selection, Cash and/or Check(s), "Finished Deposit" selection, "Receipt Preference" selection

Outputs: Receipt

      As a customer, I want to deposit money into my account. The ATM asks me to insert my card, so I insert my bank card. When I insert my card, the ATM asks me to enter my PIN, so I

enter it. If I enter it incorrectly, the ATM rejects it and asks me to try again. If I enter it correctly, the ATM gives me a selection of options, including withdraw, deposit, check balance, etc. I choose the deposit option. the ATM asks me to choose which account to deposit into, from a list of all my available accounts (checking, savings, CD, etc). If I choose checkings, the cash will be deposited into my checking account. If I choose another account, the cash will be deposited into that account. The ATM then asks me if I am depositing cash or checks. If I choose cash, the ATM tells me to insert the cash now, and I insert dollar bills/coins until I am done, at which point I hit the "Finished Deposit" button. If I choose checks, the ATM will ask me to insert checks now, and I insert checks until I am done, at which point I hit the "Finished Deposit" button. After either selection, the ATM will ask me if I want to make another transaction. If I say yes, the ATM goes back to the selection of options (withdraw, deposit, check balance). If I say no, the ATM prints a "thank you" message and returns to the state it was in at the beginning of the use case.

Use Case #3: Write a use case for a bank employee adding cash to the ATM.

Title: Bank Employee adds cash to ATM

Inputs: Employee Card, Password, "Add Money to ATM" selection, Cash, "Finished" selection

Outputs: Receipt

As a Bank Employee, I want to add cash to the ATM. The ATM asks me to insert my card, and I insert my special employee card. The ATM asks me to enter a special password. If I enter the password wrong, the ATM asks me to try again. If I answer it wrong four more times, an alarm is sent to the bank, and the ATM does not allow me to attempt again. If enter the password correctly, I am brought to an employee interface. The ATM gives me various options such as "Add Money to ATM", "Take Money from ATM", "View Receipts", "Check Cash Amount in ATM", etc. I choose the "Add Money to ATM" selection". The ATM tells me to add cash now, so I put cash into the deposit tray of the ATM. When I am done, I hit the "Finished Depositing" selection. After making my selection, the ATM will ask me if I want to do anything else. If I say yes, the ATM goes back to the selection of options (take money, view receipts, check cash amount, etc.). If I say no, the ATM prints a receipt documenting the event and returns to the state it was in at the beginning of the use case.