**Project 1 Use Cases**

1. Log into ATM (Customer)
   1. System greets and requests Account #
      1. *Hello, please enter the Account # followed by (\*)*
   2. User enters account owner’s Account # plus \* (in lieu of having physical card swiped)
   3. System requests passcode
      1. *Please enter the passcode followed by (\*)*
   4. User enters passcode plus \*
   5. System displays account status and list of functions.
      1. *Checkings Balance: $$$$$$*
      2. *Savings Balance: $$$$$$*
      3. *Enter 1 to Withdraw Money*
      4. *Enter 2 to Deposit Money*
      5. *Enter 3 to Transfer Money*
      6. *Enter 4 to exit*
2. Log into ATM (Operator)
   1. System greets and requests Account #
      1. *Hello, please enter the Account # followed by (\*)*
   2. User enters operator password followed by #
   3. System welcomes and displays operator menu options
      1. *Welcome to operator mode, please select from the following options:*
      2. *Enter 1 to fill ATM*
      3. *Enter 2 to remove from ATM*
      4. *Enter 3 to exit Operator Mode.*
3. Withdraw Money (Customer)
   1. User carries out Log into ATM (Customer)
   2. User selects Withdraw Money menu option
   3. System requests option selection
      1. *Please select the account*
      2. *Enter 1 for checkings*
      3. *Enter 2 for savings*
   4. User selects the option they wish
   5. System requests amount to withdraw
      1. *Enter the amount you would like to withdraw as a whole number (ex. 50)*
   6. User enters the amount to withdraw
   7. System speaks
      1. *Your new account balance is: $--------, please remove money from slot*
4. Deposit Money (Customer)
   1. User carries out Log into ATM (Customer)
   2. User selects Deposit Money menu option
   3. System requests option selection
      1. *Please select the account*
      2. *Enter 1 for checkings*
      3. *Enter 2 for savings*
   4. User selects the option they wish
   5. System requests deposit amount
      1. *Please enter the amount to deposit in bills separated by a space*
      2. *Ex: 4 3 2 1 for 4 100s, 3 50s, 2 20s, and 1 5*
   6. User enters the deposit amount
   7. System speaks
      1. *Please place tender inside the open slot*
   8. User places their deposit inside the open ATM slot
   9. System speaks
      1. *You have deposited $--------, your x account balance is now $--------.*
5. Transfer Money \*NOTE: Transfers go to and from the same account type
   1. User carries out Log into ATM (Customer)
   2. User selects Transfer Money menu option
   3. System requests second account’s owner name
      1. *Please enter the account owner you wish to transfer to*
   4. User enters the account owner’s name followed by (.)
   5. System requests option selection
      1. *Please select the account*
      2. *Enter 1 for checkings*
      3. *Enter 2 for savings*
   6. User selects option they wish
   7. System speaks
      1. *Please select the amount to transfer*
   8. User enters the amount to transfer
   9. System speaks
      1. *You have transferred $-------, your x account balance is now $------.*
6. Fill ATM (Operator)
   1. User carries out Log into ATM (Operator)
   2. User selects Fill ATM menu option
   3. System requests fill amount
      1. *Please enter the amount being filled in bills separated by a space*
      2. *Ex: 4 3 2 1 for 4 100s, 3 50s, 2 20s, and 1 5*
   4. User enters amount
   5. System speaks
      1. *Please place the bills inside and enter # when finished filling*
   6. User fills atm and presses #
   7. System speaks
      1. *ATM has been filled, now exiting Operator mode.*
7. Remove from ATM (Operator)
   1. User carries out Log into ATM (Operator)
   2. User selects Remove from ATM menu option
   3. System requests removal amount
      1. *Please enter the amount being removed in bills separated by a space*
      2. *Ex: 4 3 2 1 for 4 100s, 3 50s, 2 20s, and 1 5*
   4. User enters amount
   5. System speaks
      1. *Please remove the bills inside and enter # when finished removing*
   6. User removes bills from the atm and presses #
   7. System speaks
      1. *ATM has been emptied, now exiting Operator mode.*