**Use Case UC-02: Deposit**

**Objective:** This use case allows the Bank Customer to deposit funds into their Bank Account.

**Primary Actor:** Bank Customer.

**Dependencies:** UC-01: Authenticate, UC-03: Display Home Screen.

**Trigger:**  Bank Customer selects the “Deposit” option from the Home screen.

**Secondary Actors:** ATM.

**Preconditions:**

1. Bank Customer has been authenticated through UC-01: Authenticate.

**Post Condition(s):**

1. The ATM creates an entry to the event log with the Deposit amount and Bank customer information.
2. The ATM adds the deposited funds to the Bank Customers checking Bank Account.

**MAIN SUCCESS SCENARIO**

1. Bank Customer selects the “Deposit” option from the Home screen.
2. The ATM displays a message to the Bank Customer stating to insert cash and checks.
3. The Bank Customer inserts the deposit.
4. The ATM displays the deposited amount and asks the Bank Customer to confirm the amount.
5. The Bank Customer selects “Confirm”.
6. The ATM asks the Bank Customer if they would like another transaction.
7. The Bank Customer selects “No”.
8. The ATM logs out the Bank Customer.
9. The use case ends successfully.

**VARIATIONS**

Variation ID: UC-02-var-01 Bank customer selects to have another transaction.

1. If in step 7 of the main success scenario the Bank Customer selects “Yes”.
   1. Invoke use case UC-03: Display Home Screen.

**FAILURE VARIATIONS**

Variation ID: UC-02-VAR-01-F Incorrect Deposit

1. If in step 3 of the Main Success scenario the Bank Customer inserts a non-readable deposit.
   1. The ATM displays a message stating, “There was a problem processing this deposit please try again”.
   2. The ATM returns the deposit to the Bank Customer.
   3. Return to step 2 of Main Success scenario.

Variation ID: UC-02-var-02-F Incorrect Deposit Reading

1. If in step 4 of the Main Success scenario the ATM displays an incorrect deposit amount.
   1. The Bank Customer selects “No”.
   2. The ATM returns the deposit to the bank customer.
   3. Return to step 2 of the Main Success scenario.

**BUSINESS RULES**

1. The maximum daily deposit limit is $4000.
2. Deposits can only be made into Bank Customers checking Bank Account.