**USE CASE DESCRIPTION**

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| Use Case Name | Withdraw Cash |
| Actors | Customer/User |
| Description | This specific use case describes the control flow through which a customer can withdraw cash from their account using the ATM |
| Entry-conditions | * The ATM card has been entered into the machine and the Authentication Pin has been entered. * The user is successfully authorized to proceed further. |
| Exit-conditions | * The customer has thus withdrawn the cash from their account successfully. * The ATM interface ideally resets and returns to its main menu where it waits and is ready to accept input for the next transaction |
| Main control flow path | 1. First of all, the Customer inputs the ATM card into the ATM and enters the unique authorization pin. 2. If the authentication is successful, then, on the user interface of the ATM, the user chooses the "Withdraw Cash" option. 3. The user is now prompted by the ATM to enter the amount of cash that is required. 4. The Customer then inputs the required cash amount. 5. By determining whether the amount submitted is within the available balance for the customer's account, the ATM verifies the transaction. 6. If, the sum falls within the balance that is available:    1. The customer's account is debited by the ATM for the designated amount.    2. The required amount of cash is then dispensed by the ATM. 7. The ATM gives the user a receipt with the transaction information on it. 8. Else if, the amount is more than the available balance:    1. An error message indicating insufficient money is displayed by the ATM.    2. The customer is asked to try again, or the transaction is cancelled. |
| Exception handling flow path | In the event that a user ends the transaction at any time:   1. The ATM returns the user to the main menu after cancelling the transaction. 2. Should a technical malfunction occur while the ATM is processing the transaction: 3. An error notice detailing the problem is shown by the ATM to the user. 4. The user is asked to try again or get in touch with the bank help team when the transaction is cancelled. |
| Quality Requirements | The ATM user interface is expected to the fast and responsive and the delay time /latency between each flow path step is expected to be below 1 second. |