**Qn. 2**

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| Use Case No | 1 |
| **Use Case Name** | WithDrawMoney |
| **Actors** | Bank Customer and Bank System. |
| **Description** | This use case describes how the Bank Customer uses the ATM to withdraw money from his/her bank account. |
| **Pre-conditions** | 1. The bank Customer must possess a Bank account, card and enough money to withdraw 2. The network connection to the Bank System must be active. |
| **Post-Conditions** | The Customer receives the ATM card with the amount he/she needs. |
| **Main Flow** | 1. Customer select the withdraw money option transaction 2. ATM display the list of different amount the customer can select to withdraw 3. The customer select the amount from the default values 4. ATM commits the requested amount 5. ATM provides to customer with ATM card 6. ATM provides amount to the customer 7. The System communicates with the bank so as to update the account 8. ATM acknowledge the customer for successful |
| **Alternative Flow(s)** | 1. The customer select an option of entering amount of choice. 2. An ATM prompts a Customer the form to enter the amount with a limit of maximum amount possible to withdraw. 3. Customer fills in the amount and submits. 4. ATM commits the required amount. 5. ATM provides the customer with an ATM card. 6. ATM provides the amount to a Customer. 7. System communicate with bank so as to update the account 8. ATM acknowledges the customer for successful withdraw. |
| **Exception Flow(s)** | 1. If a customer tries to cancel the transaction after committing the amount to withdraw, ATM should not agree on canceling. 2. If the Bank Customer enters an amount that exceeds the amount of cash available in the ATM, then the ATM will display a warning message, and ask the Bank Customer to reenter the amount. |

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| **Name:** | **submitAmount**(Amount) |
| **Responsibilities:** | To make a customer submit amount to withdraw. |
| **Pre-conditions:** | A customer should have bank account and enough money to withdraw |
| **Post-conditions:** | 1. A new withdraw record is added into customer’s bank account (new instance). 2. ATM is associated with the Bank System (Association formed). 3. ATM is associated with the money dispenser (Association formed). 4. bankAccount.amount is updated the current withdrawn amount(attribute modified) |