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| **No.** | **Functional Requirement** | **Description** |
| **1** | **Insert Card** | The system shall allow customers to insert their **ATM or debit card** to begin a transaction. |
| **2** | **Enter PIN** | The ATM must enable the customer to **input their Personal Identification Number (PIN)** securely. |
| **3** | **User Verification** | The system should **verify the card and PIN information** to authenticate the customer. |
| **4** | **Withdraw Cash** | Customers must be able to **withdraw cash** from their linked bank accounts using the ATM. |
| **5** | **Deposit Funds** | The ATM should allow users to **deposit cash or cheques** into their account. |
| **6** | **Transfer Money** | Customers should be able to **transfer funds** between their own or other authorized accounts. |
| **7** | **Print Transaction Receipt** | The ATM should **print a detailed receipt** after each transaction for user confirmation. |
| **8** | **Update Account Balance** | The system must **automatically update the customer’s balance** after completing any transaction. |
| **9** | **Transaction Authorization** | The **bank’s central system must approve** every transaction before final execution. |
| **10** | **Generate Transaction Reports** | The **bank administrator should be able to generate** reports summarizing all transactions. |

**FUNCTIONAL & NON-FUNCTIONAL REQUIRMENTS OF ATM MACHINE**

**Functional Requirements**

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| **No.** | **Non-Functional Requirement** | **Description** |
| **1** | **Performance** | The ATM should process and complete each transaction **swiftly, typically within a few seconds**. |
| **2** | **Security** | The system must **safeguard customer data and PINs** from unauthorized access or misuse. |
| **3** | **Availability** | The ATM should be **operational round the clock (24/7)** to ensure continuous customer access. |
| **4** | **Reliability** | The system must function **accurately and consistently**, with minimal failures or interruptions. |
| **5** | **Usability** | The ATM interface should be **simple, user-friendly, and easy to navigate** for all customers. |

**Non-Functional Requirements**