|  |  |  |
| --- | --- | --- |
| **Anwendungsfallname** | Withdraw Fund | |
| **Brief Description** | ATM customer withdraws a specific amount of funds from a valid bank account. | |
| **Vorbedingung** | The system is idle. The system is displaying a Welcome message. | |
| **Hauptdarsteller** | ATM customer | |
| **Secondary Actors** | None | |
| **Abhängigkeit** | SCHLIESST ANWENDUNGSFALL EIN Validate PIN. | |
| **Verallgemeinerung** | None | |
| **Basisablauf** | **Schritte** | |
| **1** | SCHLIESST ANWENDUNGSFALL EIN Validate PIN. |
| **2** | ATM customer selects Withdrawal through the system |
| **3** | ATM customer enters the withdrawal amount through the system. |
| **4** | ATM customer selects the account number through the system. |
| **5** | The system VALIDIERT, DASS the account number is valid. |
| **6** | The system VALIDIERT, DASS ATM customer has enough funds in the account. |
| **7** | The system VALIDIERT, DASS the withdrawal amount does not exceed the daily limit of the account. |
| **8** | The system VALIDIERT, DASS the ATM has enough funds. |
| **9** | The system dispenses the cash amount. |
| **10** | The system prints a receipt showing transaction number, transaction type, amount withdrawn, and account balance. |
| **11** | The system ejects the ATM card. |
| **12** | The system displays Welcome message. |
| **Nachbedingung** | ATM customer funds have been withdrawn. |
| **Spezifizierter alternativer Ablauf** | **RFS Basisablauf 8** | |
| **1** | The system displays an apology message WÄHRENDDESSEN the system ejects the ATM card. |
| ABBRECHEN | |
| **Postcondition** | ATM customer funds have not been withdrawn.  The system is idle. The system is displaying a Welcome message. |
| **Global Alternative Flow** | WENN ATM customer enters Cancel DANN | |
| **1** | The system cancels the transaction WÄHRENDDESSEN the system ejects the ATM card. |
| ABBRECHEN | |
| ENDIF | |
| **Nachbedingung** | ATM customer funds have not been withdrawn. The system is idle. The system is displaying a Welcome message. |
| **Begrenzter alternativer Ablauf** | **RFS Basisablauf 5-7** | |
| **1** | The system displays an apology message WÄHRENDDESSEN the system ejects the ATM card. |
| **2** | The system shuts down. |
| ABBRECHEN | |
| **Nachbedingung** | ATM customer funds have not been withdrawn.  The system is shut down. |
| **Bounded Alternative Flow** | **RFS Basic Flow 8-10** | |
| **1** | Test!!! The system displays an apology message MEANWHILE the system ejects the ATM card. |
| **2** | Test!!! The system shuts down. |
| ABORT | |
| **Postcondition** | Test!!! ATM customer funds have not been withdrawn.  The system is shut down. |