**ATM Transactions**

**Flow of events:**

**Use Case 1: System Startup:**

**Main Flow:** ATM System will be turned on and home page of ATM software will be displayed**.**

**Alternative flow:** System will not be turned on if there is any technical issue (or) **NIL**

**Use Case 2: System Shutdown:**

**Main Flow:** ATM System will be turned off and ATM will no longer perform any sort of transactions **Alternative flow:** ATM System cannot be in a situation to be turned off (or) **NIL**

**Use Case 3: Maintenance**

**Main Flow:**

* Operator will be filling cash and he will take update of working condition
* He will report to technical team if any issue exists
* He will help card holder to perform transactions

**Alternative flow: NIL**

**Actor 1: Operator**

**Main flow:**

* He is responsible for turning on and shutting down the ATM system
* He is responsible for adding cash and technical issues
* He is responsible to help card holders to perform transaction.

**Use Case 4: Validation of card details:**

**Main Flow:**

* Enter card details(pin ,ATM card)
* If the details are found to be valid home page to perform transaction will be displayed

**Alternative flow:**

* If the details are found to be in valid message will be displayed “ Invalid pin details”
* If the wrong details are entered more than 3 times ATM card and account to perform transaction will get blocked for 24 hours

**Use Case 5: Perform Transaction:**

**Main Flow:**

* Card holder can select menu options available and perform below mentioned actions
* Withdraw
* Transfer
* Deposit
* Enquiry

**Alternative flow:** NIL

**Use Case 6: Withdraw:**

**Main Flow:**

* It is specialized usecase of usecase Transaction
* Card holder can select Withdraw menu options available and perform transaction
* Collect cash from ATM

**Alternative flow:**

* Insufficient funds in his account then display message “insufficient funds”
* Insufficient funds in his ATM machine then display message “insufficient funds” in ATM machine

**Use Case 7:Deposit:**

**Main Flow:**

* It is specialized use case of usecase Transaction
* Enter account number to deposit cash
* Add cash to machine and submit

**Alternative flow:**

* If the account details are invalid then transaction will get canceled

**Use Case 7: Transfer:**

**Main Flow:**

* It is specialized usecase of usecase Transaction
* Enter account details to transfer amount

**Alternative flow:**

* Cannot transfer cash if the details are invalid and display message “ “

**Use Case 8: Balance Enquiry:**

**Main Flow:**

* Select balance enquiry menu option
* Collect receipt displaying balance of account holder

**Alternative flow :** NIL

**Actor 2: Customer (card holder)**

**Main Flow:**

**Actor 3: Bank Manager**

**Main Flow:**

