# **The ATM card holders inserts card into the ATM slot and enters PIN when prompted by the system.**

**Business Rules:**

* The ATM Machine should be working fine before inserting the card.
* The ATM Machine should have constant power supply during transaction.
* The slot for ATM Card insertion is as per the specification.
* The ATM should ask the user to insert the card, the user insert   
  the card
* Inserted card should be valid ATM card.
* Inserted Card should not be damaged. The magnetic sensor on the card should be in good condition.
* The ATM accept the card and read its serial number.
* Entered Pin should be a 4 digit pin.
* ATM pin should be encrypted.
* ATM card should be an active card. The card should not be expired.
* There should be a minimum number of attempts to enter the ATM pin(Maximum up to 3 attempts)
* There ATM card should be blocked if the user enters wrong pin more than 3 times.

**UI Validations:**

* User is presented with options when card is inserted from proper side.
* User should be prompted to enter the ATM pin before displaying any bank account details.
* Option to continue and enter the pin is displayed to user when card is inserted correctly.
* The user should be presented with option to choose language for further operations
* All the Module or features should be visible or in understandable to user.
* Font of the text displayed in ATM screen is as per the specifications
* Touch of the ATM screen is smooth and operational

# **The System validates the pin and prompts to enter the amount**

**Business Rules:**

* The ATM card should be blocked if the user enters wrong pin more than 3 times.
* The ATM machine should have a certain amount of cash before processing further.
* Maximum daily withdraw limit should not be exceeded.
* The user should be provided the option to select the type of account for withdraw.

**UI Validations:**

* The User should be displayed with appropriate message when there is no cash in the ATM.
* “Enter Amount” message should be displayed in the language which the user selected.
* Appropriate message should be displayed to the user when the daily maximum withdraw limit is exceed before continuing the session.

# **The user enters the amount and click enter**

**Business Rules:**

* The entered number should be of an integer only.
* The entered number should be a positive number only.
* The entered number should be multiple of 100.
* The ATM machine should not go out of service after entering amount and clicking enter.
* User should not allowed to exceed one transaction limit amount.

**UI Validations**

* Appropriate message should be displayed to the user when user enters an amount other than multiple of 100.
* Appropriate message should be displayed when user enters an invalid amount.
* Appropriate time out message should be displayed when user takes more than the required time to enter the amount and the session should be logged out.

# **4. The system validates the amount and dispatches the cash.**

# **5. The user collects the same.**

**Business Rules:**

* The cash dispatched should not be damaged.
* The ATM Machine should not take more time to dispatch the cash.
* The cash dispatched should be equal to the amount entered by the user.

**UI Validation**

* The user should be displayed with appropriate message when cash withdrawal takes more time and money should not be deducted from the balance.
* If ATM machine runs out of money the proper message should be displayed.

# **6. The system issues the printout of the transaction, closes and reinitializes the transaction.**

**Business Rules:**

* User should be provided the option to print the transaction/enquiry.
* Thermal printing technology should be used by the ATM machines to print the transaction slips.
* The slip should be printed in English text.