Use case Name	Withdraw Money from ATM
Summary Description	Allows bank client to obtain cash from their bank account.
Preconditions	• ATM is connected to the Network • ATM has available cash
post conditions or guarantee	On success, The client should receive the cash and his account is debited with the amount withdrawn. On failure, the client account should be intact.
actors	• Bank Client • Banking System
Trigger	User inserts the debit card into the ATM machine.
Main flow	1. Customer enters his debit card into the ATM 2. The ATM verifies that the card is a valid bank card 3. The ATM requests a PIN code 4. Customer enters his PIN code 5. Customer is validated 6. ATM displays actions available on ATM unit. 7. Customer chooses "Withdraw" 8. ATM presents options for amounts 9. Customer selects an amount or enters an amount 10. ATM sends Information to Bank, inquiring if sufficient funds/allowable withdrawal limit. 11. ATM updates the customer's bank account 12. ATM returns the customer's bank card 13. Customer takes their bank card 14. ATM issues the customer's cash 15. Customer takes their cash

extensions	2a Invalid card
	    2a1. ATM displays error message
	    2a2. redirect to step 1

5a the card was reported Stolen

    5a1. ATM takes a picture of the thief

    5a2. ATM eats card

5b PIN invalid

    5b1. ATM displays error message

    5b2. redirects to step 3

10a Withdrawal above withdraw limits

    10a1. ATM displays error message.

    10a2. ATM shows available withdrawal limit

    10a3. redirects to step 9.

12a Bank card stuck in machine

    12a1. ATM displays error message.

    12a2. ATM send notification to the banking system with the error.

13a Customer fails to take their bank card

    13a1. ATM play sound alert for 3 sec

    13a2. ATM eats card

    13a3. ATM send notification to the banking system with the error.

14a Cash stuck in machine

    14a1. ATM displays error message

    14a2. ATM updates the amount to the customer's bank account

    14a3. ATM ejects card.

    14a4. ATM send notification to the banking system with the error.

    14a5. ATM display out of order message

15a Customer fails to take their cash

    15a1. ATM play sound alert for 3 sec

    15a2. ATM eats cash

    15a3. ATM updates the amount to the customer's bank account

    15a4. ATM send notification to the banking system with the error.

*a ATM cannot communicate with Banking System

    *a1 ATM displays error message

    *a2 ATM ejects card

*b Customer does not respond to ATM prompt

    *b1 ATM displays error message

    *b2 ATM ejects card