

USE CASE DOCUMENT

ATM transactions by the client

Use Case: Validate Client

Id: 1

Description: A client will enter their data to validate themselves in the bank's system.

Level: User Goal

Primary Actor: Client

Pre-Conditions: None

Post Conditions

Success end condition: Present the available options and terminate the use case.

Failure end condition: The password is not valid and the use case is restarted. If this happens three time, the transaction is canceled and the user's card is not returned.

Trigger: Client inserts a card into the ATM.

END OF CASE

Use Case: Withdraw money from ATM

Id: 2

Description: A client will withdraw an amount of money according to their funds availability and the maximum ATM withdrawal amount.

Level: User Goal

Primary Actor: Client

Pre-Conditions: Validate Client

Post Conditions

Success end condition: Process the request and give the requested money and then return the card.

Failure end condition: The requested amount exceeds the balance. The error is indicated and the operation is canceled. The requested amount exceeds the daily limit, the error is indicated and another quantity is requested again by the client.

Trigger: Customer selects the option to withdraw money.

END OF CASE

Use Case: Deposit Money

Id: 3

Description: A client will deposit an amount of money and the system validates if the amount deposited is the same as the cash entered into the ATM.

Level: User Goal

Primary Actor: Client

Pre-Conditions: Validate Client

Post Conditions

Success end condition: Notify the user that the deposit has been made and return the card.

Failure end condition: Notify the client that the amount does not match the money entered and the operation started over at the beginning.

Trigger: Customer selects the option to make a cash deposit.

END OF CASE

Use Case: Make a Transfer

Id: 4

Description: The client enters an amount and an account number to make a transfer. The system checks the client's funds to see if he has the money necessary for the transaction and validates if the account to receive the transfer is correct. If these conditions are met, the transfer is completed.

Level: User Goal

Primary Actor: Client

Pre-Conditions: Validate client

Post Conditions

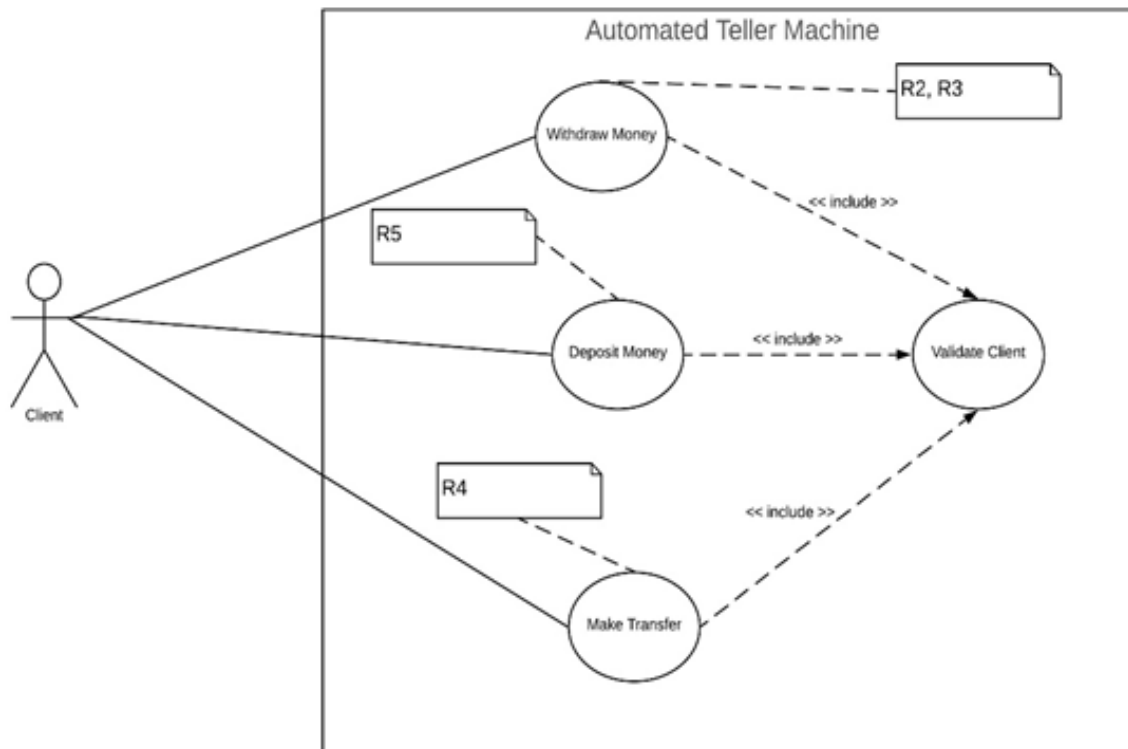
Success end condition: Notify the client that the operation was successful and return the card.

Failure end condition: If there are insufficient funds, notification is provided that the transfer cannot be performed. If card is returned to the client.

Trigger: Customer selects the option to make a transfer.

END OF CASE

USE CASE DIAGRAM



R2: If the client tried to withdraw an amount that exceeds the balance of the account, the ATM will give notification of insufficient funds.

R3: If the client tries to get an amount that exceeds the daily limit, the ATM will give notification it is not possible and will request another valid amount.

R4: The client can make a transfer to another account.

R5: The client can make an entry through the ATM.