ATM - Sequence Diagram

USER

ATM

Bank System

Inserts Card

Verify Account

Request Pin

Verify pin

Insert Pin

Verified Pin

Outputs Options

Select Option

Alt

[option = Balance]

sends Balance

Output Balance

[option = Withdraw]

Outputs Amount Options

Input Amount

Checks Balance

Verified Balance

Alt

[balance < Amount]

"not enough funds"

[balance < Amount]

money Withdrawn

update Balance

updated Balance

Prompt for retrieval

Grabs money

[option = deposit]

Output Deposit Options

select Deposit Option

Alt

[deposit = Money]

"Enter money"

money inserted

update Balance

updated Balance

Display New Balance

[deposit = Check]

"Enter check"

check inserted

update Balance

updated Balance

Display New Balance

[option = Cancel]

Display Cancel Prompt

Print Receipt

Close Connection

Eject Card

Takes Card