Recieve Card

Validate Card

(Card Valid)

(Card invalid)

Request PIN

Validate PIN

(PIN valid)

(PIN invalid)

Display Menu

Process User Selection

To another activity diagram..

Display Information

Withdraw

To another activity diagram..

Deposit

Recieve Deposit Amount Input

Establish Bank Server Connection

(Connection established)

(Connection not established)

Deposit money into account

Confirm Deposition

Request receipt printout

No

Yes

Collect Bank Account Details

Check paper quantity in printer

Print out receipt

Terminate Bank Server Connection

Display Error Message

Eject Card

Notes:

A basic diagram, but I realise that I could add more actions (e.g. concurrency between the displaying on the ATM and checking with the server), and also have diagrams for the Display Information and Withdraw.

However, space would be hard to organise on the paper so I intentially decided to leave it out. Hope this is enough for the ATM Activity Diagram.

Matthew Yung
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