Description

The user enters their card and PIN. Security verifies the card. The user selects the account to use. They select an amount. Security verifies if the amount is available. The system comes to a conclusion on if the amount is available. The system comes to a conclusion on if money is provided. The user selects funds as $10s or $20s. Security provides the funds if possible. Security provides a receipt and the users’ card.

Trigger

1. Machine receives a card
2. User enters a PIN

Actors

1. Customer
2. Bank Security

Preconditions

1. Secure Connection Bank
2. Bank Has Cash

Goals (Successful Conclusion)

1. Secure Client Accounts
2. Provide Customer with Funds

Failed Conclusion

1. Invalid Card
2. Invalid PIN
3. Customer Insufficient Funds
4. ATM Insufficient Funds
5. Over Daily Limit
6. Stolen Card

Extensions (Alternatives)

1. If PIN is Invalid 3 Times (Eat Card)
2. If Card Marked as Stolen (Eat Card)

Steps of Execution (Requirements)

1. Customer Inserts Card
   1. Card is Invalid
   2. Eject Card
2. Card is validated
3. Customer Enters PIN
   1. PIN is Invalid
   2. PIN is Invalid 3 Times
   3. Card Marked as Stolen
4. PIN is Validated
5. Account is Selected
6. Amount is Selected
   1. Over Daily Maximum
   2. Over Account Funds Available
   3. Over Funds in Machine
   4. Ask for New Amount
7. Provide $10 or $20
8. Provide Funds
9. Provide Receipt
10. Eject Card