Analysis of an Automated Teller Machine (ATM) user perspective :
Note: This assignment was Google translated.

The ATM functions has been categorised into five steps:

1. case 0: The user inserts the card
   1. ATM validate the card
   2. If card is valid
   3. ATM ask for the card pin number
   4. If pin is correct
      1. ATM displays the ***Main menu*** as below
         1. Withdraw
         2. Balance
         3. Transfer
         4. Transactions
      2. else the card is rejected
      3. user takes the card

2. case 1: User select from main menu **Withdraw**
   1. ATM ask for the amount to withdraw
      1. User select the amount
      2. The ATM displays option on how to display information to the user
         1. If on screen is selected
            1. ATM displays information on screen
            2. User takes the card
            3. ATM dispense the cash

         2. If on receipt is selected
            1. ATM prints information on receipt
            2. User takes the card
            3. ATM dispense the cash
            4. ATM dispense the receipt

         3. If No thanks is selected
            1. User takes the card
            2. ATM dispense the cash

   2. else user select back to main menu

3. case 2: User selects from main menu **Balance**
   1. If the user select balance
   2. ATM shows the account Balance
   3. ATM ask the user to quit
   4. If option is quit, the ATM displays menu

4. case 3: User select from menu **Transfer**
   1. ATM show mobile ***airtime menu***
      1. user select from option; Saunalahti, Dna or Go Mobile
         1. ATM ask for the phone number
         2. user input the phone number according to the given format and press Enter
         3. user select the amount to transfer

4. user confirms the transaction
5. ATM process the transaction and displays a successful transaction
6. ATM sends a confirmation message to the user's mobile phone

2. If option is to cancel mobile airtime, the ATM goes bock to displays menu

2. If option is to cancel transaction, the ATM goes bock to displays main menu
   1. user takes the card

5. case 4: User selects **Transactions**
   1. ATM shows the menu
      1. user select on screen
         1. ATM displays the transactions on screen
      2. user select on receipt
         1. ATM print the transaction on a receipt