

EXPNO: 1

13/03/24

ATM System

Select any system, such as ATM system, and thoroughly examine its system specifications to identify and document the different software defects present.

Objective

Select any system, such as ATM system, and thoroughly examine its system specifications to identify and document the different software defects.

Common software defects that can be found in ATM Systems.

Features to be tested

1. Validity of the card
2. Withdraw Transaction flow of ATM
3. Authentication of the user's
4. Dispense the cash from the account

Bug id	Bug Name
ATML001	Invalid card
ATML002	Invalid PIN
ATML003	Invalid Account type
ATML004	Insufficient Transaction limit
ATML005	Day limit
ATML006	Invalid money denominations
ATML007	Receipt not printed
ATML008	PIN Change mismatch
ATML009	

Bug report

Bug Id : ATM-001

Bug Description : Invalid card

Steps to procedure : 1, keep valid card in the ATM

Expected result : Welcome Screen

Actual Result : Invalid card

Status : Pass/Fail

Bug Id : ATM-002

Bug Description : Invalid PIN entered

Steps to reproduce :

1. keep a valid card in ATM

2. Enter the authorized PIN

3. Menu Screen should be displayed

Expected Result : Invalid PIN screen is displayed

Status : Pass/Fail

Bug Id : ATM-003

Bug description : Invalid Account type
Selected

Steps to reproduce :

1. Enter a valid user PIN number

2. Select the withdraw option on the main menu

3. choose the correct type of account

Expected result : Enter the Amount Screen
displayed

Actual Result : Invalid Account type screen is
displayed

Status : pass/Fail.

Bug Id: ATM-004

Bug description: Insufficient Balance

Steps to reproduce

1. Menu Screen should be displayed
2. Select the withdraw option
3. Select the correct type of account
4. Enter the sufficient amount to withdraw from the account
5. Dispense the cash screen and amount to be deducted from account

Expected Result: Collect the amount screen displayed

Actual Result: Insufficient balance in the account

Status: Pass/Fail

Bug Id: ATM-005

Bug description: Withdraw Limit per transaction

Steps to reproduce

1. Menu Screen should be displayed
2. Select the withdraw option
3. Select the correct type of account
4. Enter sufficient amount to withdraw from the account Transaction within the limit
5. Dispense the cash screen & amount to be deducted from account

Expected Result : Cash is dispensed and collect the receipt

Actual Result : Transaction limit exceeded screen is displayed

Status : Pass/Fail

Bug-Id: ATM006

Bug description: Withdraw limit per day
Steps to reproduce

1. Keep a valid card in ATM
2. Enter the authorized PIN
3. Enter the amount to withdraw from the account.
4. Amount enter is over the day limit (>40000)
5. Amount enter is over the day limit and display screen is displayed

Expected Result : Cash is dispensed and collect the receipt

Actual Result : Day limit exceeded screen is displayed

Status : Pass/Fail

Bug Id: ATM_007

Bug description: Amount enter denominations

Steps to reproduce:

1. Keep a valid card in ATM
2. Enter the authorized PIN
3. Enter the amount which should be in multiples of 100
4. Cash Dispenser Screen is displayed.

Expected result: collect the amount screen is displayed.

Actual result: Amount enter not in required denominations.

