**Test Cases for ATM**

**Given below are the various test cases for ATM.**

**#1)** Verify if the card reader is working correctly. A screen should ask you to insert the pin after inserting the valid card.

**#2)** Verify if the cash dispenser is working as expected.

**#3)** Verify if the receipt printer is working correctly. Which means it can print the data on the paper and the paper comes out properly.

**#4)** Verify if the Screen buttons are working correctly. **For touch screen:** Verify if it is operational and working as per the expectations.

**#5)** Verify if the text on the screen button is visible clearly.

**#6)** Verify the font of the text on the screen buttons.

**#7)** Verify each number button on the Keypad.

**#8)** Verify the functionality of the Cancel button on the Keypad.

**#9)** Verify the text color of the keypad buttons. The numbers should be visible clearly.

**#10)** Verify the text color and font of the data on the screen. The user should be able to read it clearly.

**#11)** Verify the language selection option. If the messages or data are displayed in the selected language.

**#12)** Insert the card, the correct pin, and print the receipt for available balance.

**#13)** Verify the receipt printing functionality after a valid transaction. Whether the printed data is correct or not.

**#14)** Verify how much time the system takes to log out.

**#15)** Verify the timeout session functionality.

**#16)** Verify the deposit slot functionality depending on its capability (Cash or cheque or both) by inserting a valid cheque.

**#17)** Verify using different cards (Cards of different banks).

**Verifying the Message**

**#18)** Insert the card and an incorrect PIN to verify the message.

**#19)** Verify the message when there is no cash in the ATM.

**#20)** Verify the messages after a transaction.

**#21)** Verify if a user will get a correct message if a card is inserted incorrectly.

**Messages for each and every scenario should be verified.**

**Cash Withdrawal**

**#22)** Verify the cash withdrawal functionality by inserting some valid amount.

**#23)** Verify if a user can perform only one cash withdrawal transaction per PIN insert.

**#24)** Verify the different combinations of operation and check if there will be a power loss in the middle of the operation.

**Negative Test cases**

**#25)** Verify the functionality by entering a wrong pin number for 3 or more times.

**#26)** Verify the card reader functionality by inserting an expired card.

**#27)** Verify the deposit slot functionality by inserting an invalid cheque.

**#28)** Verify the cash withdrawal functionality by inserting invalid numbers like 10, 20, 50 etc.

**#29)** Verify the cash withdrawal functionality by entering an amount greater than the per day limit,

**#30)** Verify the cash withdrawal functionality by entering an amount greater than per transaction limit.

**#31)** Verify the cash withdrawal functionality by entering an amount greater than the available balance in the account.

**Conclusion**

ATM machines must be tested for accuracy, reliability, and performance. It should get tested for its response time per transaction as it works for 24\*7.

All the above-mentioned points should be considered while testing ATM machines. There should be a combination of both positive and negative test cases while writing test cases for any product.

***Hope this article would have been of immense help to you.***

***All the best!!***