

# Software Testing

## Experiment -01: ATM System.

Objective: Select any system, such as an ATM system, and thoroughly examine its system features to identify and document the specifications to identify and document the different software defects present in common software defects that can be found in ATM.

features to be tested:

1. Validity of the card.
2. withdraw Transaction flow of ATM.
3. Authentication of the user.
4. Dispense the cash from the Account.

### Bug Report:

BUG ID: ATM-001  
Bug Description: Invalid card.  
Steps to reproduce: keep valid card in the ATM.

Expected Result: Interacne screen.

Actual Result: Invalid card.

Status: Pass/Fail.

Bug Id: ATM-002.

Bug Description: Invalid PIN  
Steps to reproduce:

1. keep a valid card in ATM.

2. Enter the authorized PIN.

3. Menu screen should be displayed.

Expected Result: Menu screen displayed.

Actual 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. Change the correct type of account.

Expected Result: Enter the Amount Screen displayed.

Actual Result: Invalid Account type screen 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. Display the each screen and amount to be deducted from account.

Expect the result: collect the amount screen display.

Actual Result: Insufficient balance in the account.

Status: Pass/Fail.

Exp-a: case study on ARMS Portals - Positive Test cases

objectives- case study. Requirements Analysis and Testing for ARMS portal.

S.S.No	Scenarios to be tested	Test factors	Approach	Test Environment	Testing module	Result	Test case no	Test case no	Test case no
1	Home	Non-interactive Attentional conformance	Manual approach	Operating Browsers (System) Browser	Browser	Not required	No	No	No
2	Enrolment	Course choice	Manual approach	Operating Browsers (System) Browser	Browser	Not required	No	No	No
3	Enrolment	Slot A details	Manual approach	Operating Browsers (System) Browser	Browser	Not required	No	No	No



## Exp:3 - case study on ARMS port

Exp: 3 - case study on  
objective case study to identify and analyze the  
requirements of ARMS postal negative test  
scenario as well as test cases for the above  
application.

EXP NO:U.

case study on e-commerce Applications - ~~positive test cases~~  
objective: case study to identify and analyze the requirements of flipkart- positive test scenarios, as well as test cases for the above application

## EXP NO:5.

### case study on e-commerce Application - Negative Test cases

objectives To write a case study to identify and Analyze the requirements of E-commerce Applications, (flipkart) and to write a negative test scenario as well as Test cases for the above application