

ATM SYSTEM

Objective :-

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

Common Software defects that can be found in ATM System:-

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

Bug - Id

Bug Name

ATM-001	Invalid Card
ATM-002	Invalid Pin
ATM-003	Invalid Account type
ATM-004	Insufficient balance.
ATM-005	Transaction Limit.
ATM-006	Day limit
ATM-007	Invalid Money denominations
ATM-008	Receipt not printed
ATM-009	PIN change mismatch.

Bug Report: M3T2v2 ATM

Bug ID: ATM-001

Bug Description: Invalid Card

Steps to reproduce:

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: 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 invalid user PIN number.

2. Select the withdraw option on the main menu

3. Choose the correct type account

Expected result: Enter the amount Screen displayed.

Actual result: Invalid account type Screen is displayed

Status: Pass / Fail

~~Sign here~~
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 Sufficient amount to withdraw from the account transaction.
5. Dispense the cash screen @ amount to be deducted from the 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 amount.
4. Enter Sufficient amount to withdraw from the account Transaction.
5. Dispense the Cash Screen @ amount to be deducted from account

~~Expected Result: Cash is dispensed and Collected the receipt.~~

Actual Result: Transaction limit expected Screen is displayed.

Status: Pass / Fail.

Case Study on ARMS Portals - Positive test cases
→ POO - MTA : 61 pgs

Objective:
Case Study: Requirement Analysis and Testing for ARMS Portal.

Sno	Items to be tested	Features	Approach	Test Environment	Risk	Training needed	Plan Test	Plan
1.	Home	Holidays notification Attendance Conformation.	Manual approach	Operating System/Browser	No	Not required	- open the website arms.govt.in - Enter the user name and Password - click into home button. - check whether holiday is there	- open the website arms.govt.in - Enter the user name and password - click on "Enrolment" button and go to my course.
2.	Course	In progress Course production status External credit	Manual approach	Operating System/Browser	No	Not required	- open the website arms.govt.in - Enter the user name and password - click on "Enrolment" button and go to my course.	- open the website arms.govt.in - Enter the user name and password - click on "Enrolment" button and go to my course.
3.	Enrollment	Select slot A Slot B Slot C - Course detail - Note - Approved Pending	Manual approach.	Operating System/Browser	No	Not required	- open the website arms.govt.in - Enter the user name and password - click on "Enrolment" button and go to my course.	- open the website arms.govt.in - Enter the user name and password - click on "Enrolment" button and go to my course.

System Requirements Analysis						
Items to be tested	Features of Approach	Test Environment	Training Required	Risk	Action	Comments
1. Attendance	- Attendance report. - Course code approach - course name.	Manual System/ Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to attendance click on attendance report whether course code is there or not 	Poss
2. Assignment	- Assignment - Selector - complete / & Assignment	Manual operating system/ Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to assignment pass click on assignment select coming up = "button and go to assignment pass 	Poss
3. Examination	- No due request - Please enable pop up option.	Manual System/ Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to examination. click on "no date payment history" button is there or not 	Poss
4. Financial	- Due list - Payment history - Print & payment record	Manual approach Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to financial click on "due list" button is there or not. 	Poss
5. Record	Manual approach Browser	Manual System/ Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to record is there or not. 	Poss
6. Profile	Profile options - Pause - its use - Delete	Manual approach Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to profile is there or not. 	Poss
7. My profile	My profile	Manual System/ Browser	Not required	No	<ul style="list-style-type: none"> Click "check on" = " button and go to my profile is there or not. 	Poss

Exp No: 3

Case Study on Arms Portals - Negative Test Case.

Objectives:- Case Study to identify & analyze the requirements of ARMS Portals negative test cases.

Items to be tested	Features	Approach	Data test	Test environment	Test Case	Expected result.
8. Pre-登録登場	- Holidays - Home - Attendance Confirmation	Manual approach	username password	operating system Browser	No open website aims-i.e. www.sarvatha.com. enter username & password	username password entered is invalid
9. 登録登場	- Courses in progress - Graduation Status - External credit	Manual approach	username password	operating system Browser	1 ACC - click "≡" button - Go to my course. - check whether course completed or not	Attendance report displayed
10. My Profile	- Courses in progress - Graduation course - External credit	Manual approach	username password	operating system Browser	No - Go to click enrollment slot A slot B slot C	Attendance report displayed
11. Select slot	- Courses in progress - External credit	Manual approach	username password	operating system Browser	- Click on "≡" button - Click on "≡" button - Click on "≡" button	Attendance report displayed
12. Enrollment	Course details Note: Approved.	Manual approach	username password	operating system Browser	No - Click on "≡" button	Attendance report displayed
13. Attendance	S-Nobert Course Code Course name Class attended View	Manual approach	username password	operating system Browser	No - Click on "≡" button	Attendance report displayed

Items to be tested	Features	Approach	Data Test	Test environment for Risk	Test cases	Expected result	Actual result
Completed Assignment	No due requests Please enable pop up option in web browser Owner to print hall ticket and ticket	Manual approach	No rejects	Operating System / Browser	- Click on "≡" button - Go on Assignment - Select course opening & Assignment	Assignment was not accepted	Assignment was accepted
Examination	No due requests Please enable pop up option in web browser	Manual approach	No rejects	Operating System / Browser	- Click on "≡" button - Click on examination - Go to no due request whether it is there or not	Request is not accepted	Request is accepted
Financial Record	Print payment history View payment history	Manual approach	No rejects	Operating System / Browser	- Click on "≡" button - Click on Financial Record - Check no due, Payment history, Payment history, Payment history	Payment history not cleared	Payment history cleared
My Profile	Edit Profile Student record	Manual approach	No rejects	Operating System / Browser	- Click on "≡" button - Click on My Profile - Click on Student record	Profile was not updated	Profile was updated.

EXP NO : 4

Case Study on e-commerce Application - Positive test cases

Objective :-

case requirements

Study to identify & analyze the
of Flipkart - positive test cases.

Items to be tested.	Features	Approach	Data test	Test Environment	Training needed	Test Case	Result
Search button, Shops, notifications	Manual approach	Laptop, Android	No	No	- Open the Flipkart	Pass	
Home	Account card	Manual approach	No	No	- click on the email, password	Pass	
Search for product	Search for product, brands and approach	Laptop, Android	No	No	- Click on the home page	Pass	
Shops	Offer zone, more on Flipkart, Trending stores	Manual approach	No	No	- Click on the search button and find the product in search bar or those on offer	Pass	
All offers	Notification	Manual approach	No	No	- Open the Flipkart	Pass	

Items to be tested	Features	Approach	Test Environment needed	Training required	Risk	Test Cases	Test Impact	Priority	Pass/Fail
My cart, Address, Product, Order place	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass
My cart	Manual Approach	Laptop, PC, No Android	No	No	No	- Click on the Flipkart home page and click on the cart icon. - Click on the product and place the order in my cart.	Medium	Critical	Pass

Exp No: 5

Case Study

- Negative Test cases.

Objectives :- To write a case study to identify the requirements of e-commerce.

Q. Analyze the requirements of e-commerce.

Item to be Selected	Features	Approach	Data Test	Test Environment	Training Required	Risk	Test Case	Pass/Fail
Home	Search button, Manual Shops, notification Approach Account etc.,	Manual	No	Laptop, android	No	No	- open the flipkart website - click on email password	Pass.
Search for products	Search for products	Manual	No	Laptop, android	No	No	- search for products - click on the product will appear	Pass.
Search for shirts	Search for shirts	Manual	No	Laptop, android	No	No	- search for shirts - click on the shirt will appear	Pass.
Shirts	Search for shirts	Manual	No	Laptop	No	No	- search for shirts - click on the shirt will appear	Pass.
Electronics	Search for shirts	Manual	No	Laptop	No	No	- search for shirts - click on the shirt will appear	Pass.

Items to be Selected	Features	Approach	Data test	Test Environment	Training needed	Risk	Pass	Pass
Trending stores	Search for Student and wedding store	Manual approach	NO	Laptop, android	- open the Shops of In that open trending shops - But it will open another Store	- open the Shops of In that open trending shops - But it will open another Store	Pass	Pass
Notification	Order list will appear	Manual approach	NO	Laptop, android	- open the notification icons. - order placed product Does not appear in notifications	- open the notification icons. - order placed product Does not appear in notifications	Pass	Pass
Awards	Click on order history to view rewards	Manual approach	NO	Laptop, android	- click on order history to view rewards	- click on order history to view rewards	NO	NO