

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

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 ..
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 :-

Bug id : ATM - 001.

Bug Description : Invalid card.

Steps to reproduce : 1. Keep valid card in 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 an unauthorized 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 in main menu
3. choose the correct type of account

expected result : Enter the 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 & amount
to be deduce from account

Actual result :- Insufficient balance

Status :- pass / fail.

Exp NO : 2 Case study on ARMS PORTALS

Objective :- Case study : Requirements Analysis and Testing for ARMS portal

S.No.	Items to be Tested.	Features	Test Approach	Training Needed	Risk. Test case.	Pass / Fail
1.	Home	Holidays Notifications attendance combination.	Manual operating system / browser.	Not required.	No . → open the website arms . saveetha . com - Enter the user name and Pass - word . click into home button . check whether holiday is there .	Pass
2.	My course	* In Progress course * Graduation Status	Manual approach	Not required .	No . → open the website arms . saveetha . com - Enter the user name and Pass - word . click on " click on "	Pass

Course

* External credits
- click on " = " button & go to my course .

3. Enrollment	select slot A manual approach . Cause : * Note = approved . Pending .	operating system Browser user	NOT required .	- open website arms . com - Enter the user name and pass - word .
4. Attendance	* attendance . * course code * course Name .	Manual os	NO required .	- click on " = " button & go to attendance .
5. Assignment	* course - * select . * completed Assignment .	Manual os	Not required .	- click on " = " button & go to assignment . - click on assignment select coming .

Exp No : 3. Case study on ARMS portal :- -ve.

objective :- case study to identify & analyze the requirements of arms portal - negative test scenarios as well as Test cases for above applications .

Items to be tested.	Features.	Approach	Data/Test	Test environment	Training Needed
1. Home	Holidays Notification attendance confirmation	Manual approach	username password	Operating system / Browser	not required
2. My course	• In progress. • Graduation status. • External credit status.	Manual approach.	username password	operating system / Browser	not required.
3. Enrollment	select slot Select slot A & slot B. course details Note: approved	Manual approach	username password	operating system / Browser	not required
4. Attendance	S.NO course code course Name class attend. view	Manual approach	username password	operating system / Browser	not required
5. assignment	completed assignment content exams	Manual approach	username password	operating system / Browser	not required

Risk	Test cases.	Expected o/p. Pass/Fail.
No.	<ul style="list-style-type: none"> open website aims. see Saveatha .com enter username & password . enter wrong password . 	<p>username & password enter is invalid</p> <p>Pass</p>
No.	<ul style="list-style-type: none"> click on 'E' button . Go to my course . check whether completed course \$ is there or not . 	<p>My course was not approved .</p> <p>Pass</p>
No -	<ul style="list-style-type: none"> click on "S"-button . go to enrollment . select slot A , slot b , C . 	<p>my enrollment was not appeared .</p> <p>Pass</p>
No	<ul style="list-style-type: none"> click on "E" button . go to attendance . click on attendance report . 	<p>attendance was not appeared</p> <p>Pass</p>
No .	<ul style="list-style-type: none"> click on 'E' button . Go on Assignment . select course opening Assignment . 	<p>attendance was not appeared</p> <p>Pass</p>

Exp :- 4 e-commerce Application - Test Cases

Objective :- Case study to identify & analyze the requirements of flipkart - positive test scenarios as well as test cases for the above application.

Items to be tested.	features.	Approach	Data Test	Test environment	Training Needed
Home.	Search button, shops, notification, account cont.	Manual approach.	No	Laptop, android.	No
Search button.	Search for product, brands & shirts.	Manual approach.	No.	Laptop, android.	No.
Shops.	offer zone, More on flipkart, trending stores, recently viewed.	Manual approach.	No	Laptop, android.	No
notifications.	All offers.	Manual approach.	No	Laptop, android.	No
cart.	My cart address, product, order place.	Manual approach.	No.	Laptop, android.	No

Risk	Test cases	Pass/Fail
No.	<ul style="list-style-type: none"> • Open the flipkart • click on email, password • click on Home page 	Pass
No.	<ul style="list-style-type: none"> • open the flipkart • click home page & search button • click search button & find product 	Pass
No.	<ul style="list-style-type: none"> • open the flipkart • click on Home page • click the shops 	Pass
No.	<ul style="list-style-type: none"> • click on Home page and click Notifications • we can find any offers 	Pass
No.	<ul style="list-style-type: none"> • click on flipkart • click on homepage • click product & place an order 	Pass

Exp. 5 e-commerce applications - +ve Test cases.

Objective :- To write a test case study to identify & analyze the requirements of e-commerce application (Flipkart) and to write a negative test scenarios as well as test cases for above application.

Items to be selected.	features.	Approach	Data Test.	Test environment.
Home	Search button, shops, notifications, account ..	Manual approach.	No.	Laptop, android.
Search button.	search for products, Brands & shirts.	Manual approach.	No.	Laptop, android.
Items to be selected.	Features .	Approach .	Data Test.	+ve enviro
shops .	Mobiles , fashion .	Manual .	No .	Laptop, android
Account .	click on addy, wishlist , coupons .	Manual approach .	No	Laptop , android
cart .	click on place order .	Manual approach .	No .	Laptop , android

Training Needed	Risk.	Test case	Expected Output	Pass
No.	No.	Step 1 :- open the flipkart. 2 :- click the email password.	other tab opened => incorrect email or password.	Pass
No	No.	1 → search for products 2 → Incorrect product will appear.	wrong products appear.	Pass
No	No.	1 → open shops, searched mobiles 2 → click on mobiles & search.	searched mobiles do not appear.	Pass
No.	No.		Help center does not appear.	Pass
No.	No.	1 → open account & click place order, 2 → place order.	order not placed.	Pass