Experiment-1

ATM system

objective:

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

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's.
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: Welcome screen

Actual Result: Invalid card

Status: pass/fail.

BUG ID: ATM-002

Bug description: Invalid PIN entered.

Step 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 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 main menu.

3. Chose 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. Main screen should be displayed.

2. Select the withdraw option.

3. Select correct type of account.

4. Enter sufficient amount to withdraw from the account.

5. Dispense the cash screen is amount to be deducted.

Expected Result : Collect the amount screen displayed.

Actual Result: Insufficient balance in the account

Status: Pass/Fail.

Experiment-2:

Case study on ARMS Portals- Positive Test Cases.

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

Sl.No	Items to be tested	Features	Approach	Test Environment	Training needed	Risk	Test case	Pass/Fail
1.	Home	Holidays, notification, attendance confirmation	manual approach	operating system / Browser	not required	No	Open the website arms. suvecha.com. Enter the user name and password. Click into home button. Click holiday.	Pass
2.	My course	- Inprogress course - Graduation status - completed course - External credit	manual approach	operating system / Browser .	not required	No	open the website arms. suvecha.com. Enter the user name and password. click on ≡ button and go to my course	Pass
3.	Enrollment	Select slot A/B/C, course details, pending	manual approach	operating system / browser	not required	No	open the website of arms. suvecha. login and click on menu button and go to enrolled select slot.	Pass
4.	Disciplinary	Disciplinary record issue details, last	manual approach	operating System / browser.	not required	No		Pass
5.	Raise infra issue		manual approach	operating System / browser	not required	No		Pass

3. Case study on ARMS portal - Negative test case.

Objective: Case study to identify and analyze the requirements of ARMS portals negative test scenarios as well as Test cases for above application.

Item to be tested	Features	Approach	Data Test	Test Environment	Training needed	Risk	Test case	Expected output	Pass/Fail
Home	Holidays notification, Attendance confirmation	manual approach	User name, password	operating system/browser	not required	No	open website arms.sec. Enter username and password, enter wrong password	username and password is invalid	pass
My course	In progress courses, graduation status, External credit status	manual approach	User name, Password	Operating system/browser	not required	No	click on 'g' button, go to my course, check completed course is there or not	My course heading appeared	pass
Enrollment	Select slot A, B, Course details, role: approval	manual approach	username, password	Operating System/browser	not required	No	click on '=' button, goto enrollment, select slot A, B	my enrollment vault appeared	pass
My profile	Edit profile, student record details	manual approach	username, password	operating system/browser	not required	No	go to my profile, check student record details	profile won't updating	pass
Financial record	Due list, payment history	manual approach	username, password	Operating System/browser	not required	No	go to financial record, check due list, history	payment history not cleared	pass
Raise issue, enter issue	Raise issue content, choose file location	manual approach	username, password	operating System/browser	required	No	go to raise issues, choose file location	not showing file	pass

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Case study on e-commerce Application - positive Test Cases.

Objective: Case study to identify & analyze the above requirements of flipkart - positive test scenarios.

Items to be tested	Features	Approach	Data Test	Test environment	Training needed	Risk	Test Case	Pass/Fail
Home	Search button, Shops, notifications, Account cart	manual approach	no	laptop Android	no	no	- open flipkart, click on email & password. - click on home page.	pass
Search button	search for product, brands	manual approach	no	laptop android	no	no	- click on search button - Find the product	Pass
Shops	offer zone, more on flip-kart, trending stores.	manual approach	no	laptop android	no	no	- click on home page - click shops	Pass
notifications	All offer	manual approach	no	laptop android	no	no	- click the notifications - we can find any offers or getting to buy product.	PASS
Account	orders, wishlist, coupons, edit profile, logout.	manual approach	no	laptop android	no	no	- click on home page and we find order that we placed. - click on account ad ph. number	Pass
Cart	my cart, address, order place	manual approach	no	laptop android	no	no	- click product and place the order in my cart	Pass
Accounts	Account setting, my activity.	Manual approach	no	laptop android	no	no	- click on account setting - edit profile and save the address	PASS
My Cart	Address Remove, Save later.	manual approach	no	laptop android	no	no	- click on flipkart - press the product and remove, save. - place order	pass

Case study on e-commerce Applications - Negative test.

Objective: To write a case study to identify & analyze the requirements of e-commerce Application.

Items to be Selected	Features	Approach	Data Test	Test Environment	Training needed	Risk?	Test Case	Expected output	Pass
Home	Search button, Shops etc.	Manual approach	no	laptop, Android	no	no	Open flipkart. Click email, password	Incorrect email or password	pass
Search button	Search for products & brands	Manual approach	no & android	laptop	no	no	Search for product incorrect product appear	wrong product appear	pass
Shops	Search for mobiles fashion.	manual approach	no android	laptop, android	no	no	Open shops. Click on mobile 2 search	mobile not appear	pass
Notifications order 1st	will appear	manual approach	no	laptop android	no	no	order placed product	Doesn't show product notification	pass
Account	Click logout	manual approach	no	laptop android	no	no	Click logout Account doesn't logout	Flipkart doesn't logout	pass
Cart	Click on place order	manual approach	no	laptop and void	no	no	Open account & place order	order not placed	Pass