

ATM System.

EXP NO 11

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 system:-

Features to be tested:-

1. Validity of the Card
2. Withdraw Transaction flow of ATM
3. Authentication other users
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 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 valid user PIN number.

2. Select the withdraw option on the main menu

3. Choose 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 correct type of Account.

3. Select the withdraw option.

4. Enter the Sufficient amount to withdraw from the Account.

5. Dispens the Cash screen & amount to be deducted from Account.

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 Account.
4. Enter sufficient amount to withdraw from the account
Transaction within the limit.
5. Dispense the cash screen & amount to be deduct from account.

Expected Result: Cash is dispensed and Collect the receipt.

Actual Result: Transaction limit exceeded screen is displayed.

Notes: Pass fail.

Bug id: ATM-006.

Bug Description: Withdraw limit per day.

Steps to reproduce:

1. Keep a valid Card in ATM.
2. Enter a authorized PIN.
3. Enter the amount to withdraw from the account.
4. Amount enter is over the day limit (>40000).
5. Amount enter is over the day limit and display screen is displayed.

Bug id: ATM-007.

Bug description: Amount enter denomination.

Steps to reproduce:

1. Keep a valid Card in ATM.
2. Enter the authorized PIN.
3. Enter the amount which should be in multiples of 100.

Expected result: Collect the amount Screen is displayed.

Actual result: Amount enter not in required denomination.

Case study on ARMS portal - Positive Test Cases.

Objective: Case study of Requirements analysis and Testing for ARMS portal.

SL. No	Items to be tested	Features	Approach	Test Environment	Training needed	Risk	Test Cases	Pass/Fail
1.	Home	Holidays notification Attendance Confirmation	Manual Approach	Operating system/ Browser	Not required	No	<ul style="list-style-type: none"> - Open the website arms.serveetha.com - Enter the user name and pwd. - Click on home button - Check whether holiday is there 	Pass.
2.	My Course	<ul style="list-style-type: none"> + In progress Course + Graduation Status + Completed Course + External Course 	Manual Approach	Operating System/ Browser	Not required	No	<ul style="list-style-type: none"> - Open the web arms.serveetha.com - Enter the user name and pwd. - click on "=" button and go to my course 	pass.
5.	Assignment	<ul style="list-style-type: none"> + Course + Select + Complete / Assignment 	Manual Approach	Operating System/ Browser	Not required	No	<ul style="list-style-type: none"> - click on "=" button and go to Assignment - click on assignment select coming up 	pass.
3.	Enrollment	<ul style="list-style-type: none"> Select Slot A Slot B Slot C Slot D + Course details + Note - Approval Pending 	Manual Approach	Operating system/ Browser	Not required	No	<ul style="list-style-type: none"> - Open the website arms.serveetha.com - Enter the user name and pwd - click on "=" button and go to Enrollment select Slot B, Slot B to there are not 	pass.
4.	Attendance	<ul style="list-style-type: none"> + Attendance report + Course Code + Course Name 	Manual Approach	Operating System/ Browser	Not required	No	<ul style="list-style-type: none"> - Click on "=" button and go to attendance. - click on attendance report whether course code is there or not. 	pass.

Sl no	Items to be tested	Features	Approach	Test Environment	Training needed	Risk	Test case	Pass/Fail
6.	Examination	+ No due request + please enable popup option	Manual Approach	Operating system / Browser	not required	NO	- click on "button and go to examination" - click list no due payment history is there are not	pass.
7.	Financial record	+ Due list + payment history + print payment	Manual Approach	OS / Browser	not required	No	Click on "button and go to financial record - click due list payment"	pass.
8.	Disciplinary	Disciplinary record, issue details, last action details	Manual Approach	OS / Browser	not required	NO		pass
9.	Raise intro issue		Manual Approach	OS / Browser	not required	no		pass
10.	My Profile		Manual Approach	OS / Browser	not required	no		pass.

EXP NO: 3

Case study on ARMS

Objective: Case study to identify & analyze the requirements of ARMS portal - negative Test scenarios as well

As test cases for the above Applications.

Items to be tested	Features	Approach	Data test	Test Environment	Tooling required	Risk	Test Cases	Expected output	Pass/Fail
Home	Holidays notification Attendance Confirmation	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Open website arms.ssc.govtla.com Enter username & Pwd Enter wrong password 	username & password entered is invalid	pass
My Course	<ul style="list-style-type: none"> In progress Completed External Credit 	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Click on "=" button Go to my course check whether Completed Courses is there or not 	My course wasn't appeared	pass
Enrollment	Select slot A Select slot B Course details note: Approved	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Click on "=" button Go to enrollment Select Slot A/B/C 	My enrollment wasn't appeared	pass
Attendance	S.No Course Code Course name Class attended View	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Click on "=" button Go to Attendance Click on Attendance type 	Attendance wasn't appeared	pass
Assignment	Completed Assignment Content	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Click on "=" button Go on assignment Select course opening assignment 	Assignment wasn't appeared	pass
Examination	No due request Please enable Pop up options	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Click on "=" button Click on examination Go to no due request whether it is there or not 	Request is not accepted	pass
Financial Record	<ul style="list-style-type: none"> Due list Payment his Print payment 	Manual Approach	username password	OS / Browser	no required	no	<ul style="list-style-type: none"> Click on "=" button Go to Financial Record Check due list, Payment history 	Payment history not closed	pass

Exp No.4. Case Study on e-Commerce Application

Objective : Case study to identify & analyze the requirement of Flipkart - positive test Scenario as well as Test Cases for the above application.

Items to be tested	Features	Approach	Data test	Test environment
Home	Search button, shops, notification, Account Cart	Manual Approach	no	Laptop, Android
Search button	Search for product brands and shirt	Manual Approach	no	Laptop Android
Shops	OfferZone, More on Flipkart, Trending stores, recently viewed stores	Manual Approach	no	Laptop Android
Notification	All offers	Manual Approach	no	Laptop, Android
Account	Orders, wishlist, Coupons, Help Centre edit profile Logout	Manual approach	no	Laptop, android
Cart	My cart, address, product, Order place	Manual approach	no	Laptop, android
My Card	Address, Remove, Save later, Buy this now	Manual Approach	no	Laptop, android
Account	Order placed, Cancelled	Manual approach	no	Laptop, android

Training needed	Risk	Test Cases	Pass/Fail
no	no	<ul style="list-style-type: none"> • Open Flipkart • Click on the email, Pass • click on the Home page 	pass
no	no	<ul style="list-style-type: none"> • Click on the search button and find the product. 	Pass
no	no	<ul style="list-style-type: none"> • click the shops 	Pass
no	no	<ul style="list-style-type: none"> • click on the homepage and click the notification. • We can find the only offers or getting to buy product. 	pass
no	no	<ul style="list-style-type: none"> • click on the Account and find the username and password 	Pass
no	no	<ul style="list-style-type: none"> • click the account setting We can edit the profile, save the address 	pass
no	no	<ul style="list-style-type: none"> • Place the order 	pass.
no	no	<ul style="list-style-type: none"> • And we can find the product that we have placed the order and cancelled the order. 	pass.

Objective: To write a case study to identify & analyze the write a negative test scenarios as well as Test cases for the

Applications - negative test cases.
Requirement of e-commerce application (Flipkart) and to above applications.

Items to be tested	Feature	Approach	Data test	Test environment	Training needed	Risk	Test Case	Expected Output	Pass
Home	Search button, shops, notification Account etc.	Manual Approach	no	Laptop / Android	no	no	Step 1: Open the Flipkart. Step 2: Click on the email, and	Other tab opened ⇒ Incorrect email or password	pass
Search button	Search for Products Brand & shirt	Manual Approach	no	Laptop, android	no	no	• Search the product • Incorrect product will appear	Wrong products appear	pass
Shop	Search for mobile, tablet Electronics	Manual Approach	no	Laptop, Android	no	no	• open the shops. • click on the mobile & search	Searched mobile do not appear	pass
Trending store	Search for student and wedding store	Manual Approach	no	Laptop, Android	no	no	• open the shop. • But it will open another store.	not open student club	pass
Notification	Order list will appear	Manual Approach	no	Laptop, Android	no	no	• Does not appear in notification	may not show notification	pass
Account	Click on order wishlist, coupon	Manual approach	no	Laptop, Android	no	no		Help centre does not appear	pass
Cart	Click on place order	Manual approach	no	Laptop, Android	no	no	• Open account & click place order.	• order not placed	pass
Shops	Search for medicines	Manual approach	no	Laptop, android	no	no	• medicine will not appear	Medicine do not appear	pass