

ATM System

Objective: Select any system such as an ATM System and thoroughly examine the 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 user's
- 4.] Dispense the Cash from the account

Bug - id	Bug - Name
ATM - 001	Invalid 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 denomination
ATM - 008	Receipt not Printed
ATM - 009	Pin change mismatch

Bug Report: ATM-001

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

Steps to reproduce: Keep valid card ATM, authorized PIN

Expected Result: menu screen should be

Actual Result: Screen displayed displayed

Status: Invalid Card

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 correct type account (Saving

Expected result: Enter the amount or current account
Actual result: Amount displayed account)

Actual Result: Invalid account type is displayed



Bug ID : MMU-004

Bug Description : Insufficient Balance

Steps to reproduce :

- 1] Home 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 and amount to be deducted from account

Expected Result : Collect the amount given displayed.

Actual Result : Insufficient Balance in the account.

Status : Pass / Fail

Objective : Case Study - "Requirement analysis and Testing for Arms Portal"

S.NO	Items to be tested	Features	Approach	Test Environment	Training needed	Risk	Test case	Pass/Fail
1.	Home	Holidays Notification Attendance Conformation	Manual approach	Operating System / Browser	Not required	NO	Open the website arms-Saveetha.com Enter user name and password → click home button → check whether holiday there	Pass
2.	My Course	In progress Course Graduation Status Completed course External credits	Manual approach	OS / Browser	Not required	NO	→ open website → user and password → go to my course	Pass

3)	Enrollment	Select Slot A Slot B	Manual approach	DS/Browser	NOT required	NO	Open website www.sarveshka.com	Pass
	Slot C Slot D Course details NOTE = APPROVED Pending						→ Name and password → Enrollment Select Slot A Slot B is there or not	
4.)	Attendance	* Attendance report * Course code * Course Name	Manual approach	DS / Browser	NOT required	NO	go to attendance → attendance report whether course code there are not	Pass

Objective: Case study do identify and analyse the requirement of AIMS portal negative Test Scenarios as well as test case for the above application.

Items to be tested	Features	Approach	Data test	Test Environment	Training needs
1.) Home	Holiday Notification Attendance Confirmation	Manual approach	User name password	OS/ Browser	Not required
2.]	In Progress Course Graduation Status External Credit Status	Manual approach	User name/ password	OS/ Browser	not required
3.]	Enrollment Select slot -A slot -B Note: Approved	Manual approach	User name/ password	OS Browser	not required
4.]	Attendance S.NO. Course code Course Name	Manual approach	User name/ password	OS/ Browser	not required

Risk	Test Case	Expected Output	Pass/Fail
No	Open website aims.sse saveetha.com → Username Password → Enter wrong Password	Username & Password entry is invalid	Pass
No	 → click a button → Go to my course → Course is there or not	my course wasn't appeared	Pass
No	 click a button → Go to my course → A, B, C	my enrollment not appeared	Pass
No	 click B button → No examination → no dee request	Ad Lendence wasn't appeared	Pass

Test Cases

Objective : Case Study to identify and analyze the requirements of Flipkart - Positive Test Scenarios as well as Test Cases for the application.

Procedure:

- ⇒ Install Eclipse Software
- ⇒ After Launch open Eclipse
- Create a new file
- ⇒ Implement the Java code (Junit Execution) using class.
- ⇒ Run the code.

Items to be Feature tested	Approach	Data test	Test Environment	Training needed	Risk	Test Case	Result
Home	Search Button, shops Notification Account Cart	Manual approach	NO	Laptop android	NO	NO	<ul style="list-style-type: none"> → open the Flipkart → email, pass, word → Home page
Search Buttons	Search For Product Brands and shirt	Manual approach	NO	Laptop android	NO	NO	<ul style="list-style-type: none"> → open Flipkart → Home Page Search Button appear
Shops	offer zone Flipkart Trending Recently viewed	Manual approach	NO	Laptop android	NO	NO	<ul style="list-style-type: none"> Flipkart → Home Page → click page

Case study on E-commerce Application

Negative Test Case

Objective : To write a case study to identify and analyze the requirement of e-commerce application (positive) and to write negative Test Scenario as well as test case above application.

Procedure

- ⇒ Install Eclipse Software
- ⇒ After Launch open the Eclipse create a new file Project
- ⇒ implement the Java code (JUnit execution) using class.
- ⇒ Run the code.

Item to be selected	Features	Approach	Data Test	Test Environment	Training needed	Risk	Test Case	Expected output	Pass / Fail
Home	Search Button Shops, Account	Manual approach	NO	Laptop, Android	NO	NO	Open different Email account	Other user logged mail id account	Pass
Search Button	Product and Brands	Manual approach	NO	Laptop Android	NO	NO	Search Product Search Brands Search Products	Search Product Search Brand	Pass
Shops	Search for mobile Fashion Electronics	Manual approach	NO	Laptop	NO	NO	open the shop mobile and search	Mobile not opened	Pass