

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

# Bug Report: MTA

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.

## User Acceptance Test

Test Category		Test Case ID		Test Description		Test Result	
1. Attendance report.	Features in Approach	Training environment needed.	Risk	Test Attendee Case	Test Report	Pas	Pas
	- Attendance report . - Course code approach - course name.	Manual Operating System / Browser	No required	- Click "Check On" = " button and go to attendance report whether course code is there or not	- Click "Check Off" = " button and go to Assignment page Select Coming up.	No	Pas
2. Assignment - Selection & complete a assignment	Manual approach.	Operating System / Browser	Not required	- Click "Click On" = " button and go to Examination page click on to no due payment history	- Click "Click Off" = " button and go to Financial Record page click on to no due payment history if there or not.	No	Pas
3. Examination request	Manual approach.	Operating System / Browser	Not required	- Click "Click On" = " button and go to Examination page click on to no due payment history if there or not.	- Click "Click Off" = " button and go to Financial Record page click on to no due payment history if there or not.	No	Pas
4. Due list	Manual approach	Operating System / Browser	Not required	- Click "Click On" = " button and go to Examination page click on to no due payment history if there or not.	- Click "Click Off" = " button and go to Financial Record page click on to no due payment history if there or not.	No	Pas
5. Record of payment	Manual approach	Operating System / Browser	Not required	- Click "Click On" = " button and go to Examination page click on to no due payment history if there or not.	- Click "Click Off" = " button and go to Financial Record page click on to no due payment history if there or not.	No	Pas
6. My profile	Manual approach	Operating System / Browser	Not required	- Click "Click On" = " button and go to Examination page click on to no due payment history if there or not.	- Click "Click Off" = " button and go to Financial Record page click on to no due payment history if there or not.	No	Pas

Exp No: 3

## Case Study on Arms Portals - Negative Test case.

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

Items to be tested	Features	Approach	Data test	Test environment	Test Case	Expected result.
8. Pre-Defined Courses	- Holidays - Home - Attendance Confirmation	Manual approach	username: sva@tha.com password: Pass	Operating System / Browser	1. To open website using -> sva@tha.com. 2. Enter username & password entered is correct wrong password	username password entered is correct wrong password
9. My Profile	- In Progress Courses - Graduation Status - External credit Note : Approved	Manual approach	username: sva@tha.com password: Pass	Operating System / Browser	1. Click "My Profile" button 2. Go to my course 3. Check whether course completed or not	course appeared
10. My Course	- External credit Note : Approved	Manual approach	username: sva@tha.com password: Pass	Operating System / Browser	1. Click "My Course" button 2. Go to enrollment management page 3. Select slot A, B or C	slot A, B or C appeared
11. Attendance	- Enrollment Details	Manual approach	username: sva@tha.com password: Pass	Operating System / Browser	1. Click "Attendance" button 2. Click on "S-No" button 3. Click on "Go" button	Attendance wanted
12. News	- Attendance	Manual approach	username: sva@tha.com password: Pass	Operating System / Browser	1. Click "Attendance" button 2. Click on "Go" button	Attendance report appeared.

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 Owner to print hall ticket and ticket	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	No due requests Please enable payment history View & Print payment	Manual approach	No rejects	Operating System / Browser	- Click on "≡" button - Click on Financial Record - Check no due, 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 - Go on My Profile	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	- click on the email, password	Pass
Home Account card	Manual approach	Laptop, Android	No	No	- Click on the Home Page	- Click on the account card	Pass
Search for product	Manual approach	Laptop, Android	No	No	- Open the Flipkart	- Click on the search button	Pass
Offer zone, more on Flipkart, Trending Stores	Manual approach	Laptop, Android	No	No	- Click on the Offer Zone	- Click on the Flipkart	Pass
Shops	Offer zone, more on Flipkart, Trending Stores	Manual approach	No	No	- Click on the Home Page	- Click on the Shops	Pass
All offers	Manual approach	Laptop, Android	No	No	- Click on the Home Page	- Click on the Offers	Pass

Items to be tested	Features	Approach	Test (UAT) Training	Risk	Test Case ID	Test Description	Final
My cart, Address, product, order place	Manual	No	Laptop, desktop	NO	- Click on the Flipkart home page and click on the cart icon - click the product and place the order in my cart	Enter product details and place the order.	Pain
Cart	Manual	No	Laptop, desktop	NO	- Click on the Flipkart home page and click on the cart icon - click the product and place the order in my cart	Enter product details and place the order.	Pain
Profile	Manual	No	Laptop, desktop	NO	- Click on the Flipkart home page and click on the profile icon - click the account setting we can edit the profile	Enter account details and save.	Pain
Accounts	Manual	No	Laptop, desktop	NO	- Click on the Flipkart home page and click on the account icon - click the account setting we can edit the profile	Enter account details and save.	Pain
My cart	Manual	No	Laptop, desktop	NO	- Click on the Flipkart home page and click on the cart icon - click the product and place the order in my cart	Enter product details and place the order.	Pain

# Exp No: 5

## Case Study

on - e - Commerce Application  
- Negative Test cases.

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

Item to be Selected	Features	Approach	Data	Test Environment	Training Required	Risks	Test Case	Pas	Fail
Home	Search button, Manual Shops, notification, Account etc..	Manual Approach	No	Laptop, android	No	No	- open the flipkart service - click on email password pas.		
Shirts	Search for products & brands (Q)	Manual Approach	No	Laptop, android	No	No	- Incorrect product will appear		
Electronics	Search for products	Manual Approach	No	Laptop, android	No	No	- Incorrect open the shirts		

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. - open placed product - Does not appear in notifications	- open the notification icons. - open placed product - Does not appear in notifications	Pass	Pass
Awards	Click on order list will appear	Manual approach	NO	Laptop, android	- click on order list will appear	- click on order list will appear	NO	NO

write a Selenium Program for Automation  
and open a chrome browser with google.com.

Project name: selenium\_program

Package name: selenium\_program

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class chrome

public static void main (String [] args) {

System.out.println ("hei");

System.setProperty ("webdriver.chrome.driver",

"C:\111\chromedriver\_win32\chromedriver.exe");

WebDriver driver = new ChromeDriver();

driver.manage ().window ().maximize ();

driver.get ("https://www.google.com/");

3

## Exp No: 22

Write a program for automation and open a Mozilla browser with google.com

```
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.firefox.FirefoxDriver;
```

```
public class SeleniumExample {
```

```
    public static void main(String[] args) {  
        System.setProperty("webdriver.gecko.  
        driver", "C:/Program Files/Mozilla Firefox  
        /geckodriver.exe");  
        WebDriver driver = new FirefoxDriver();  
        driver.get("https://www.google.com");  
        driver.quit();  
    }  
}
```

```
(1) import org.openqa.selenium.WebDriver;  
(2) import org.openqa.selenium.firefox.FirefoxDriver;  
(3) import org.openqa.selenium.firefox.FirefoxProfile;  
(4) import org.openqa.selenium.firefox.firefoxProfileIni.FoxProfileIni;
```

```
public class SeleniumExample {  
    public static void main(String[] args) {  
        FirefoxProfile profile = new FirefoxProfile();  
        FoxProfileIni foxProfileIni = new FoxProfileIni();  
        foxProfileIni.setPreference("general.startup.homepage", "http://  
        www.google.com");  
        profile.setProfile(foxProfileIni);  
        WebDriver driver = new FirefoxDriver(profile);  
        driver.get("http://www.google.com");  
        driver.quit();  
    }  
}
```

## EXP NO 08

Selenium Program to Automate login in ARMS portal with the help of Chrome browser.

```
Import org.openqa.selenium.*;
```

```
Import org.openqa.selenium.WebDriver;
```

```
Import org.openqa.selenium.WebDriver;
```

```
Import org.openqa.selenium.ChromeDriver;
```

```
class LoginPage {
```

```
public static void main(String[] args) {
```

```
System.out.println("Hello");
```

```
System.setProperty("webdriver.chrome.driver",
```

```
new ChromeDriver());
```

```
driver.manage().window().maximize();
```

```
driver.get("https://arms.sse.sanetalha.com");
```

```
WebElement username = driver.findElement(By.id
```

```
System.out.println(username); ("textusername"));
```

```
WebElement password = driver.findElement(By.id("rlpwrd"));
```

```
System.out.println(login);
```

```
username.sendKeys("xxxxxx");
```

```
password.sendKeys("xxxxxx");
```

```
login.click();
```

y

Selenium Program to Automate Login in GitHub Portal with the help of Chrome browser.

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import java.util.concurrent.TimeUnit;
```

```
public class Selenium_Example {
```

```
    public static void main(String[] args) {
```

```
        System.setProperty("webdriver.chrome.driver",
```

```
        "C:\Program Files\chromedriver.exe");
```

```
        WebDriver driver = new ChromeDriver();
```

```
        driver.get("https://github.com");
```

```
        driver.quit();
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

```
    }
```

## EXP NO: 25

Write a Selenium program Automate login in Swiggy Portal with the help of Chrome browser

```
Package Proj;  
import org.openqa.Selenium.By;  
import org.openqa.Selenium.WebDriver;  
import org.openqa.Selenium.WebElement;  
import org.openqa.Selenium.Chrome.ChromeDriver;  
  
Public class LoginPage {  
    Public static void main (String S[]) {  
        WebDriver driver = new ChromeDriver ();  
        System.setProperty ("webdriver.chrome.driver", "C:\\Users\\91920\\Downloads\\chromedriver.exe");  
        driver.get ("https://www.swiggy.com/?utm_source=Google");  
  
        WebElement textBox = driver.findElement (By.Username ("Xliby"));  
        driver.manage().windows().maximize ();  
        textBox.click ();  
    }  
}
```

g

C  
28/11/24