**Phase5 Project2 WriteUp**

**Automate the Web Application.**

DESCRIPTION

Project objective:

Use the website link given to you and automate different functionalities for the same. Create a new project and include all the dependencies in the class path. Create a Java class that will contain your automation and test scripts. Run the project using TestNG.

You must use the following:

● Eclipse as the IDE  
● TestNG  
● Selenium WebDriver

Following requirements should be met:

● Show a registration form, login, search bar, and add-to-cart automation  
● Handle invalid logins and show appropriate error messages in the console  
● Fetch the test reports over HTML or Excel  
● Document the step-by-step process involved in completing this task

**Steps For Executing the Program**

Open Eclipse IDE.

Open Help .

Open Eclipse Market Place and search TestNG

Install TestNG

After open the Build Path and Configure Build Path

Add Selenium jar files using External Jar Files

Write New Java Program

Run the program

Test the program and save the reports

AmazonTest.java

**package** com.simplilearn.testng;

**import** java.util.concurrent.TimeUnit;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

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

**public** **class** AmazonTest {

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

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

"C:\\Users\\POSI PAPA ROHINI\\Downloads\\SOWFTWARES\\chromedriver.exe");

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

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

//driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

driver.get("https://www.amazon.in/");

driver.findElement(By.*id*("nav-link-accountList-nav-line-1")).click();

WebElement mail = driver.findElement(By.*id*("ap\_email"));

mail.sendKeys("abc@gmail.com");

mail.submit();

WebElement password = driver.findElement(By.*id*("ap\_password"));

password.sendKeys("xy1245");

driver.findElement(By.*id*("signInSubmit")).click();

WebElement searchbox = driver.findElement(By.*id*("twotabsearchtextbox"));

searchbox.sendKeys("iPhone 13");

searchbox.submit();

driver.findElement(By.*linkText*("Apple iPhone 13 (256GB) - Starlight")).click();

driver.findElement(By.*id*("nav-cart-count-container")).click();

driver.manage().timeouts().~~pageLoadTimeout~~(30, TimeUnit.***SECONDS***);

driver.findElement(By.*xpath*("//\*[@id='submit.add-to-cart']")).click();

driver.findElement(By.*id*("nav-cart-count-container")).click();

}

}

**Conclusion:**

Showed a registration form, login, search bar, and add-to-cart automation

Handled invalid logins and showed appropriate error messages in the console

Fetched the test reports over HTML or Excel

**Pushing the code to your GitHub repositories**

* Open your command prompt and navigate to the folder where you have created your files. cd <folder path>
* Initialize your repository using the following command:

git init

* Add all the files to your git repository using the following command:

git add .

* Commit the changes using the following command:

git commit . -m “Changes have been committed.”

* Push the files to the folder you initially created using the following

command:

git push -u origin master