# Day – 19

**Selenium Practice Assignment – "E-Commerce Website Automation"**

**Objective**

Automate a few test scenarios on a sample e-commerce site using Selenium WebDriver.

**Application to Test**

Use: [**http://automationpractice.com/**](http://automationpractice.com/) (demo site)  
 If this site is down, you can also try: [**https://www.saucedemo.com/**](https://www.saucedemo.com/)

Code:

package Sele\_package;

import org.openqa.selenium.\*;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.WebDriver;

import org.testng.annotations.\*;

public class ECommerce {

WebDriver driver = new ChromeDriver();

@BeforeClass

public void setup() {

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

}

@Test(priority = 1)

public void loginTest() throws InterruptedException {

// Task 1 - Login Test

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

Thread.sleep(2000);

driver.findElement(By.id("user-name")).sendKeys("standard\_user");

driver.findElement(By.id("password")).sendKeys("secret\_sauce");

driver.findElement(By.id("login-button")).click();

Thread.sleep(2000);

}

@Test(priority = 2)

public void productSearchAndAddToCart() throws InterruptedException {

// Task 2 - Product Search and Add to Cart

//first product

WebElement firstProduct = driver.findElement(By.xpath("//\*[@id=\"add-to-cart-sauce-labs-backpack\"]"));

firstProduct.click();

Thread.sleep(2000);

}

@Test(priority = 3)

public void checkoutFlow() throws InterruptedException {

// Task 3 - Checkout Flow

driver.get("https://www.saucedemo.com/cart.html");

Thread.sleep(2000);

driver.findElement(By.id("checkout")).click();

Thread.sleep(2000);

driver.findElement(By.id("first-name")).sendKeys("standard");

driver.findElement(By.id("last-name")).sendKeys("user");

driver.findElement(By.id("postal-code")).sendKeys("530046");

driver.findElement(By.id("continue")).click();

Thread.sleep(2000);

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("window.scrollBy(0,500)");

Thread.sleep(1000);

driver.findElement(By.id("finish")).click();

Thread.sleep(2000);

driver.findElement(By.id("back-to-products")).click();

}

@Test(priority = 4)

public void logoutTest() throws InterruptedException {

// Task 4 - Logout Test

driver.findElement(By.id("react-burger-menu-btn")).click();

Thread.sleep(2000);

driver.findElement(By.id("logout\_sidebar\_link")).click();

}

@AfterClass

public void Test() {

driver.close();

}

}