**Java File**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

import org.testng.annotations.Test;

import dev.failsafe.internal.util.Assert;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Automate {

@Test

public void test()throws Exception{

//Launch browser(Chrome)

WebDriverManager.chromedriver().setup();

WebDriver driver = new ChromeDriver();

//Navigate to url 'http://automationexercise.com

driver.get("'http://automationexercise.com");

//Verify that home page is visible successfully

/\*WebElement element = driver.findElement(By.className("fa fa-home"));

String ActualTitles = element.getText();

String ExpectedTitle = "Home";

Assert.assertEquals(ExpectedTitle, ActualTitles, "This is Homepage");\*/

Assert.state(true, "This is Homepage", driver.findElement(By.cssSelector("input[id\*='SeniorCitizenDiscount']")).isSelected());

System.out.println(driver.findElement(By.cssSelector("input[id\*='SeniorCitizenDiscount']")).isSelected());

//Add products to car

driver.findElement(By.className("fa fa-shopping-cart")).click();

/\* WebElement Proelement = driver.findElement(By.className("fa fa-shopping-cart"));

String ProActual = Proelement.getText();

String ProExpeted = "Added!";

Assert.assertEquals(ProExpeted, ProActual, "Product Added successfully");\*/

Assert.state(true, "Product Added successfully", driver.findElement(By.className("fa fa-shopping-cart")).isDisplayed());

System.out.println(driver.findElement(By.className("fa fa-shopping-cart")).isDisplayed());

//Click 'Register / Login' button

driver.findElement(By.className("fa fa-lock"));

//Fill all details in Sign up and create account

driver.findElement(By.name("name")).sendKeys("Masoma");

driver.findElement(By.name("email")).sendKeys("masoma@gmail.com");

driver.findElement(By.xpath("//button[contains(text(),'Signup')]")).click();

driver.findElement(By.id("id\_gender1")).click();

driver.findElement(By.id("password")).sendKeys("123456");

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

Select day = new Select(driver.findElement(By.id("days")));

day.selectByValue("1");

Select month = new Select(driver.findElement(By.id("months")));

month.selectByValue("1");

Select year = new Select(driver.findElement(By.id("years")));

month.selectByValue("2021");

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

driver.findElement(By.id("first\_name")).sendKeys("Masoma");

driver.findElement(By.id("last\_name")).sendKeys("Begum");

driver.findElement(By.id("company")).sendKeys("Company");

driver.findElement(By.id("address1")).sendKeys("address1");

driver.findElement(By.id("address2")).sendKeys("address2");

Select country = new Select(driver.findElement(By.id("country")));

month.selectByValue("Singapore");

driver.findElement(By.id("state")).sendKeys("state");

driver.findElement(By.id("city")).sendKeys("city");

driver.findElement(By.id("zipcode")).sendKeys("zipcode");

driver.findElement(By.id("mobile\_number")).sendKeys("mobile\_number");

// After fill all field click on create account button

driver.findElement(By.xpath("//button[contains(text(),'Create Account')]")).click();

//Verify 'ACCOUNT CREATED!'

/\* WebElement created = driver.findElement(By.xpath(" //b[contains(text(),'Account Created!')]"));

String CreatActual = created.getText();

String CreatExpeted = "Account Created!";

Assert.assertEquals(CreatExpeted, CreatActual, "Account created successfully");\*/

Assert.state(true, "Account created successfully", driver.findElement(By.xpath(" //b[contains(text(),'Account Created!')]")).isDisplayed());

System.out.println(driver.findElement(By.xpath(" //b[contains(text(),'Account Created!')]")).isDisplayed());

//click 'Continue' button

driver.findElement(By.xpath("//a[contains(text(),'Continue')]")).click();

//Click 'Cart' button

driver.findElement(By.xpath("//header/div[1]/div[1]/div[1]/div[2]/div[1]/ul[1]/li[3]/a[1]")).click();

//Click 'Proceed To Checkout' button

driver.findElement(By.xpath("//a[contains(text(),'Proceed To Checkout')]")).click();

//Click 'Cart' button

WebElement cart = driver.findElement(By.xpath("//header/div[1]/div[1]/div[1]/div[2]/div[1]/ul[1]/li[3]/a[1]"));

WebElement proceed = driver.findElement(By.className("btn btn-default check\_out"));

cart.click();

//Verify that cart page is displayed

Assert.state(true, "Cart page is displayed successfully", proceed.isDisplayed());

System.out.println(proceed.isDisplayed());

//Click 'Cart' button

cart.click();

//Click 'Proceed To Checkout' button

proceed.click();

//Verify Address Details and Review Your Order

Assert.state(true, "Cart page is displayed successfully", driver.findElement(By.xpath("//body/section[@id='cart\_items']/div[1]/div[2]")).isDisplayed());

System.out.println(driver.findElement(By.xpath("//body/section[@id='cart\_items']/div[1]/div[2]")).isDisplayed());

//Enter description in comment text area and click 'Place Order

WebElement comment = driver.findElement(By.id("ordermsg"));

comment.click();

comment.sendKeys("If you would like to add a comment about your order, please write it in the field below.");

driver.findElement(By.xpath("//a[contains(text(),'Place Order')]")).click();

// Enter payment details: Name on Card, Card Number, CVC, Expiration date

driver.findElement(By.xpath("//body/section[@id='cart\_items']/div[1]/div[3]/div[1]/div[2]/form[1]/div[1]/div[1]/input[1]")).sendKeys("DBBL");

driver.findElement(By.name("card\_number")).sendKeys("2333444");

driver.findElement(By.name("cvc")).sendKeys("233");

driver.findElement(By.name("expiry\_month")).sendKeys("03");

driver.findElement(By.name("expiry\_year")).sendKeys("2024");

//Click 'Pay and Confirm Order' button

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

//Verify the success message 'Your order has been placed successfully!'

Assert.state(true, "Your order has been placed successfully!", driver.findElement(By.xpath("//p[contains(text(),'Congratulations! Your order has been confirmed!')]")).isDisplayed());

System.out.println(driver.findElement(By.xpath("//p[contains(text(),'Congratulations! Your order has been confirmed!')]")).isDisplayed());

}

}

**XML File**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<suite name = *"suite name"*>

<test name = *"Test name"*>

<classes>

<class name = *"com.default.Automation"*>

<methods>

<include name = *"test"*/>

</methods>

</class>

</classes>

</test>

<test name = *"Testname2"*>

<classes>

<class name = *"com.default.Automation"*>

<methods>

<include name = *"test2"*/>

</methods>

</class>

</classes>

</test>

</suite>