package productPage;

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;

import org.openqa.selenium.interactions.Action;

import org.openqa.selenium.interactions.Actions;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class LaunchingWebsite

{

String drivepath ="C:\\chromedriver.exe";

public WebDriver driver;

double iTestpricevalue;

@BeforeTest

public void LaunchBrowser()

{

System.setProperty("webdriver.chrome.driver",drivepath);

driver= new ChromeDriver();

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

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

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

String expectedTitle = "Software Development Services,3D Engineering Application/Services";

String actualTitle = "";

actualTitle = driver.getTitle();

if (actualTitle.contentEquals(expectedTitle)){

System.out.println("Test Passed!");

} else {

System.out.println("Test Failed")

;

}

}

@Test(priority=1)

public void cadplugin()

{

Actions builder = new Actions(driver);

WebElement productLink = driver.findElement(By.xpath(".//\*[@id='menu-item-6798']/a/span[1]"));

WebElement CadPluginLink = driver.findElement(By.xpath(".//\*[@id='menu-item-5488']/div/a"));

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

Action mouseoverproduct = (Action) builder.moveToElement(productLink).moveToElement(CadPluginLink).click().build();

mouseoverproduct.perform();

}

@Test(priority=2)

public void PDFExporter() throws InterruptedException

{

driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

//JavascriptExecutor js = (JavascriptExecutor) driver;

//WebElement AddtoCart = (WebElement)new WebDriverWait(driver,20).until(ExpectedConditions.elementToBeClickable(By.xpath(".//\*[@id='3d-pdf-exporter']/div/div[1]/div/div[2]/ul/li[4]/div[2]/div/a[1]")));

//js.executeScript("arguments[0].scrollIntoView();", AddtoCart);

//WebElement AddtoCart = driver.findElement(By.xpath(".//\*[@id='product\_cat']"));

//AddtoCart.click();

driver.findElement(By.xpath(".//\*[@id='3d-pdf-exporter']/div/div[1]/div/div[2]/ul/li[4]/div[2]/div/a[1]")).click();

}

@Test(priority=3)

public void increaseQuantity()

{

double num=2;

for(int i=1;i<num;i++)

{

WebElement incr = driver.findElement(By.xpath("//input[@value='+']"));

incr.click();

////input[@value='+']

}

WebElement quantity = driver.findElement(By.xpath("//input[starts-with(@id,'quantity')]"));

String unit = quantity.getAttribute("value");

System.out.println(unit);

double unit1 = Double.parseDouble(unit);

if(num==unit1){

System.out.println("The quantity equal to count");

}

else

{

System.out.println("The quantity is not equal to count");

}

}

@Test(priority=4)

public void updatecart()

{

WebElement update = driver.findElement(By.xpath("//input[@name='update\_cart']"));

update.click();

WebElement price = driver.findElement(By.xpath("//td[@class='product-subtotal']/span"));

String pricevalue= price.getText();

String pricevalue1 = pricevalue.substring(1);

double iTestpricevalue = Double.parseDouble(pricevalue1);

System.out.println(pricevalue);

}

@Test(priority=5, dependsOnMethods = "updatecart")

public void checkrate()

{

Calculator2 c = new Calculator2();

c.cal(driver, ".//\*[@id='post-33']/div/div/form/div[1]/table/tbody/tr/td[2]/span", "//input[starts-with(@id,'quantity')]");

if(iTestpricevalue == c.fresult)

{

System.out.println("The rate of product is correct");

}

else

{

System.out.println("The product rate is not correct");

}

}

@AfterTest

public void close()

{

driver.close();

}

}