**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.chrome.ChromeOptions;

**import** org.testng.Assert;

**import** org.testng.Reporter;

**import** org.testng.annotations.Test;

**public** **class** AddCart {

WebDriver driver;

@Test

**public** **void** testLaunch() **throws** Exception{

//invoke .exe file //

System.*setProperty*("WebDriver.chrome.driver", "chromedriver.exe");

driver = **new** ChromeDriver();

//ChromeOptions options = new ChromeOptions();

driver.manage().deleteAllCookies();

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

//options.addArguments("--no-sandbox");

//options.setExperimentalOption("useAutomationExtension", false);

// driver = new ChromeDriver(options);

driver.navigate().to("https://www.chewy.com");

Thread.*sleep*(8000);

//Enter the item to be searched

driver.findElement(By.*xpath*("//\*[@id='header-searchform']/div/input"))

.click();

driver.findElement(By.*xpath*("//\*[@id='header-searchform']/div/input"))

.sendKeys("Vetsulin");

Thread.*sleep*(20000);

driver.findElement(By.xpath("//\*[@type='submit']")).submit();

Reporter.*log*("Clicked on the Search");

//Click on search button//

((WebElement) driver.findElement(

By.*xpath*("//\*[@id='header-searchform']/div/button"))).click();

System.***out***.println(driver.findElement(

By.*xpath*("//\*[@id='header-searchform']/div/button")).getText());

Thread.*sleep*(3000);

//Select the item based on item number

driver.findElement(By.*xpath*("//article[@data-id='146103']")).click();

Thread.*sleep*(3000);

//Verify the item name

String itemName = driver.findElement(

By.*xpath*("//article[@data-id='146103']")).getText();

Assert.*assertEquals*(itemName, "Vetsulin Insulin U-40 for Dogs & Cats, 10-mL");

//Add to cart

driver.findElement(

By.*xpath*("//\*[@id='buybox']/div/div/form/div[2]/input")).click();

Thread.*sleep*(3000);

//Click on the checkout link

driver.findElement(

By.*xpath*("//\*[@id='page-content']/section/div/div[1]/div/div/u1/1i/span/a")).click();

//Login while checkout

driver.findElement(

By.*xpath*("//\*[@id='form-login']/div[1]/div[1]/fieldset/o1/1i[1]/label")).click();

driver.findElement(

By.*xpath*("//\*[@id='username']")).sendKeys("sumitdigra@gmail.com");

driver.findElement(

By.*xpath*("//\*[@id='form-login']/div[1]/div[1]/fieldset/o1/1i[2]/label")).click();

driver.findElement(

By.*xpath*("//\*[@id='password']")).sendKeys("goodluck");

driver.findElement(

By.*xpath*("//\*[@id='form-login']/div[1]/div[1]/fieldset/input[6]")).click();

//Verify the item in the cart

String cartItem = driver.findElement(

By.*xpath*("//\*[@id='container']/main/article/section[2]/div[1]/article/section[1]/div/div/section/div/div/div[2]/h4"))

.getText();

Assert.*assertEquals*(cartItem, "Vetsulin Insulin U-40 for Dogs & Cats, 10-mL");

//Remove item from cart

driver.findElement(

By.*xpath*("//\*[@id='container']/main/article/section[2]/div[1]/article/section[1]/header/span/a"))

.click();

Thread.*sleep*(3000);

driver.findElement(

By.*xpath*("//\*[@id='page-content']/div/div/div[2]/div[1]/div/div[3]/u1/1i/div/article/button/span/span"))

.click();

//Verify the cart is empty

String emptyCart = driver.findElement(

By.*xpath*("//\*[@id='page-content']/div/div/div[2]/h1"))

.getText();

Assert.*assertEquals*(emptyCart, "Your cart is Empty");

driver.quit();

}

}

import java.io.File;

import java.io.IOException;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

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

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

import org.testng.Assert;

import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

public class AddCart {

static WebDriverWait Wait = null;

WebDriver driver;

@BeforeClass

public void beforeClass() throws IOException {

//Open a browser to chewy.com //

System.setProperty("WebDriver.chrome.driver", "chromedriver.exe");

ChromeOptions options = new ChromeOptions();

driver = new ChromeDriver(options);

driver.manage().deleteAllCookies();

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

options.addArguments("--no-sandbox");

options.setExperimentalOption("useAutomationExtension", false);

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

TakesScreenshot ts = (TakesScreenshot)driver;

File source = ts.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(source,new File("./Screenprints/Website launched.png"));

System.out.println("Chewy.com has been launched successfully");

}

@Test

public void testLaunch() throws Exception{

//Enter the item to be searched

driver.findElement(By.xpath("//\*[@id='header-searchform']/div/input")).click();

driver.findElement(By.xpath("//\*[@id='header-searchform']/div/input")).sendKeys("Vetsulin");

Thread.sleep(2000);

//Click on search button//

driver.findElement(By.xpath("//\*[@type='submit']")).submit();

//Select the item based on item number

driver.findElement(By.xpath("//\*[@id='header-searchform']/div/input")).sendKeys("146103");

Thread.sleep(2000);

//Click on search button//

driver.findElement(By.xpath("//\*[@type='submit']")).submit();

Thread.sleep(3000);

// Verify results of search

Wait = new WebDriverWait(driver,3);

Wait.until(ExpectedConditions.invisibilityOfElementLocated(By.linkText("Vetsulin Insulin U-40 for Dogs & Cats, 10-mL")));

TakesScreenshot ts = (TakesScreenshot)driver;

File source = ts.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(source,new File("./Screenprints/Item Added successfully.png"));

Assert.assertTrue(driver.getTitle().equals("146103 - Free shipping | Chewy"));

// Click into specific item “Vetsulin Insulin U-40 for Dogs & Cats, 10-mL”

driver.findElement(By.xpath("//article[@data-name='Vetsulin Insulin U-40 for Dogs & Cats, 10-mL']")).click();

Thread.sleep(3000);

//Verify the item name or Verify landed on product detail

String itemName = driver.findElement(By.id("product-title")).getText();

Assert.assertEquals(itemName, "Vetsulin Insulin U-40 for Dogs & Cats, 10-mL By Vetsulin");

System.out.println("The product detail as 'Vetsulin Insulin U-40 for Dogs & Cats, 10-mL page' is verified successfully");

//Add to cart

driver.findElement( By.xpath("//\*[@id='buybox']/div/div/form/div[2]/input")).click();

Thread.sleep(3000);

//Verify item added to cart

Wait = new WebDriverWait(driver,3);

Wait.until(ExpectedConditions.invisibilityOfElementLocated(By.linkText("added to your cart")));

Assert.assertTrue(driver.getTitle().equals("Shopping Cart | Chewy.com"));

TakesScreenshot s = (TakesScreenshot)driver;

File source4 = s.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(source4,new File("./Screenprints/Item Added successfully.png"));

System.out.println("The correct item has been added to the cart successfully");

// Navigate to cart

driver.findElement(By.xpath("//\*[@id='page-content']/section/div/div[2]/div[2]/div/div[3]/a[1]")).click();

Wait = new WebDriverWait(driver,5);

Wait.until(ExpectedConditions.invisibilityOfElementLocated(By.linkText("Your Shopping Cart")));

Assert.assertTrue(driver.getTitle().equals("Shopping Cart | Chewy.com"));

//Verify cart contents

String detailItem = driver.findElement(By.className("sfw-cart-item\_\_name")).getText();

Assert.assertEquals(detailItem, "Vetsulin Insulin U-40 for Dogs & Cats, 10-mL");

System.out.println(detailItem + " is successfully added and verified in the cart");

Thread.sleep(3000);

//Remove item from cart

driver.findElement( By.xpath("//\*[@id='page-content']/div/div/div[2]/div[1]/div/div[3]/ul/li/div/article/button/span")).click();

Thread.sleep(3000);

TakesScreenshot tb = (TakesScreenshot)driver;

File source1 = tb.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(source1,new File("./Screenprints/Item Added successfully.png"));

System.out.println("The item has been removed successfully from the cart ");

//Verify the cart is empty

String emptyCart = driver.findElement(

By.xpath("//\*[@id='page-content']/div/div/div[2]/h1")).getText();

Assert.assertEquals(emptyCart, "Your cart is empty.");

TakesScreenshot ta = (TakesScreenshot)driver;

File source2 = ta.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(source2,new File("./Screenprints/Empty Cart.png"));

System.out.println(emptyCart);

}

@AfterClass

public void afterClass() {

driver.close();

}

}