using NUnit.Framework;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using OpenQA.Selenium;

using OpenQA.Selenium.Chrome;

using OpenQA.Selenium.Interactions;

namespace TestCase

{

[TestFixture]

public class DatHang

{

private IWebDriver driver;

private string baseURL;

[SetUp]

public void SetUpTest()

{

driver = new ChromeDriver();

driver.Manage().Window.Maximize();

baseURL = "https://localhost:44385/Home/Index/";

}

[TearDown]

public void TearDownTest()

{

driver.Quit();

}

[TestCase("vancute", "0868662064", "Bình Dương", "tocdocuarua@gmail.com", "Trang chủ")]

public void TCDatHang(string name, string sdt, string diachi, string email, string res)

{

//đặt hàng thành công khi chưa đăng nhập

driver.Navigate().GoToUrl(baseURL);

IWebElement l = driver.FindElement(By.Id("2"));

Actions clickDatHang = new Actions(driver);

clickDatHang.MoveToElement(l);

IWebElement btnThemGioHang = driver.FindElement(By.Id("btnThemSp2"));

clickDatHang.MoveToElement(btnThemGioHang);

clickDatHang.Click();

clickDatHang.Perform();

driver.FindElement(By.Id("GioHang")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(10);

driver.FindElement(By.XPath("/html/body/div[3]/table/tbody/tr[3]/td/a")).Click();

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[2]/input")).SendKeys(name);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[3]/input")).SendKeys(sdt);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[4]/input")).SendKeys(diachi);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[5]/input")).SendKeys(email);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[2]/div[4]/button")).Click();

Assert.AreEqual(res, driver.FindElement(By.XPath("/html/body/nav/div/div/ul/li[1]/a")).Text);

}

[TestCase("", "0868662064", "Bình Dương", "tocdocuarua@gmail.com", "Họ tên không được để trống", "DatHangHoTen")]

[TestCase("vancute", "", "Bình Dương", "tocdocuarua@gmail.com", "Số điện thoại không được để trống.", "DatHangDienThoai")]

[TestCase("vancute", "0868662064", "", "tocdocuarua@gmail.com", "Địa chỉ giao hàng không được rỗng.", "DatHangDiaChi")]

[TestCase("vancute", "0868662064", "Bình Dương", "", "Email không được rỗng.", "DatHangEmail")]

[TestCase("vancute", "0868", "Bình Dương", "tocdocuarua@gmail.com", "Số điện thoại không đúng định dạng.", "DatHangDienThoai")]

[TestCase("vancute", "0868662064", "Bình Dương", "tocdocuarua", "Email không đúng định dạng.", "DatHangEmail")]

public void TC\_NoDatHang(string name, string sdt, string diaChi, string email, string res, string id)

{

// đặt hàng thất bại

driver.Navigate().GoToUrl(baseURL);

IWebElement l = driver.FindElement(By.Id("2"));

Actions clickDatHang = new Actions(driver);

clickDatHang.MoveToElement(l);

IWebElement btnThemGioHang = driver.FindElement(By.Id("btnThemSp2"));

clickDatHang.MoveToElement(btnThemGioHang);

clickDatHang.Click();

clickDatHang.Perform();

driver.FindElement(By.Id("GioHang")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(10);

driver.FindElement(By.XPath("/html/body/div[3]/table/tbody/tr[3]/td/a")).Click();

//Da vao duoc thanh toan

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[2]/input")).SendKeys(name);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[3]/input")).SendKeys(sdt);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[4]/input")).SendKeys(diaChi);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[1]/div[1]/div[5]/input")).SendKeys(email);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[2]/div[4]/button")).Click();

IWebElement kq = driver.FindElement(By.Id(id));

Assert.AreEqual(res, kq.Text);

}

[Test]

public void TC\_daDangNhap()// đặt hàng khi đã đăng nhập và có giỏ hàng

{

driver.Navigate().GoToUrl(baseURL);

driver.FindElement(By.XPath("/html/body/div[1]/div/ul[2]/li[3]/a")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(20);

/\* driver.FindElement(By.Name("TenDN")).Click();\*/

driver.FindElement(By.Name("TenDN")).SendKeys("hqthai");

/\* driver.FindElement(By.Name("MatKhau")).Click();\*/

driver.FindElement(By.Name("MatKhau")).SendKeys("1234");

driver.FindElement(By.Name("commit")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(20);

Assert.AreEqual("Đăng xuất", driver.FindElement(By.XPath("/html/body/div[1]/div/ul[2]/li[2]/a/span")).Text);

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[2]/div[4]/button")).Click();

Assert.AreEqual("Trang chủ", driver.FindElement(By.XPath("/html/body/nav/div/div/ul/li[1]/a")).Text);

}

[Test]

public void TC\_daDangNhap1()// đặt hàng khi đã đăng nhập và giỏ hàng rỗng

{

driver.Navigate().GoToUrl(baseURL);

driver.FindElement(By.XPath("/html/body/div[1]/div/ul[2]/li[3]/a")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(20);

/\* driver.FindElement(By.Name("TenDN")).Click();\*/

driver.FindElement(By.Name("TenDN")).SendKeys("hqthai");

/\* driver.FindElement(By.Name("MatKhau")).Click();\*/

driver.FindElement(By.Name("MatKhau")).SendKeys("1234");

driver.FindElement(By.Name("commit")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(20);

Assert.AreEqual("Đăng xuất", driver.FindElement(By.XPath("/html/body/div[1]/div/ul[2]/li[2]/a/span")).Text);

//đăng nhập thành công

driver.FindElement(By.XPath("/html/body/div[2]/div/div/div[1]")).Click();

IWebElement l = driver.FindElement(By.Id("2"));

Actions clickDatHang = new Actions(driver);

clickDatHang.MoveToElement(l);

IWebElement btnThemGioHang = driver.FindElement(By.Id("btnThemSp2"));

clickDatHang.MoveToElement(btnThemGioHang);

clickDatHang.Click();

clickDatHang.Perform();

driver.FindElement(By.Id("GioHang")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(10);

driver.FindElement(By.XPath("/html/body/div[3]/table/tbody/tr[3]/td/a")).Click();

// submit đặt hàng

driver.FindElement(By.XPath("/html/body/div[3]/div/form/div/div[2]/div[4]/button")).Click();

Assert.AreEqual("Trang chủ", driver.FindElement(By.XPath("/html/body/nav/div/div/ul/li[1]/a")).Text);

}

[Test]

public void TC\_daDangNhap2()// đặt hàng khi đã đăng nhập và giỏ hàng rỗng nhưng k trả về trang chủ được

{

driver.Navigate().GoToUrl(baseURL);

driver.FindElement(By.XPath("/html/body/div[1]/div/ul[2]/li[3]/a")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(20);

/\* driver.FindElement(By.Name("TenDN")).Click();\*/

driver.FindElement(By.Name("TenDN")).SendKeys("hqthai");

/\* driver.FindElement(By.Name("MatKhau")).Click();\*/

driver.FindElement(By.Name("MatKhau")).SendKeys("1234");

driver.FindElement(By.Name("commit")).Click();

driver.Manage().Timeouts().ImplicitWait = TimeSpan.FromSeconds(20);

Assert.AreEqual("Đăng xuất", driver.FindElement(By.XPath("/html/body/nav/div/div/ul/li[1]/a")).Text);

}

}

}