SOURCECODE CAPSTONPROJECT

SELENIUM PROJECT

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.JavascriptExecutor;

import org.testng.annotations.Test;

public class BuySportyShoe2 extends BaseTest {

@Test

public void BuyShoe() throws InterruptedException {

LandingPage landingpage = new LandingPage(driver);

landingpage.clickNewRegister();

LoginPage loginpage = new LoginPage(driver);

RegisterPage registerpage = new RegisterPage(driver);

RegisterPage.entername("sai");

RegisterPage.enteremail("sai@gmail.com");

RegisterPage.enterpassword("12345678");

Thread.sleep(2000);

JavascriptExecutor js2 = (JavascriptExecutor) driver;

js2.executeScript("window.scrollBy(0,1000)","");

registerpage.clickregister();

Thread.sleep(2000);

loginpage.clicklogout();

loginpage.enteremail("sai@gmail.com");

Thread.sleep(2000);

loginpage.enterpassword("12345678");

Thread.sleep(5000);

loginpage.clicklogin();

Thread.sleep(2000);

JavascriptExecutor js3 = (JavascriptExecutor) driver;

js3.executeScript("window.scrollBy(0,1000)","");

Thread.sleep(5000);

AddToCart addToCart = new AddToCart(driver);

addToCart.clickaddtocart();

Thread.sleep(4000);

HomePage homepage = new HomePage(driver);

homepage.clickhome();

CartPage cartpage = new CartPage(driver);

cartpage.clickcart();

JavascriptExecutor js4 = (JavascriptExecutor) driver;

js4.executeScript("window.scrollBy(0,1000)","");

Thread.sleep(5000);

PlaceOrder placeorder = new PlaceOrder(driver);

placeorder.clickplaceorder();

}

}

BASETEST

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterTest;

import org.testng.annotations.Test;

public class BaseTest {

WebDriver driver;

@Test

public void launchApplication() {

//1 Open the browser

driver = new ChromeDriver();

//2. Maximize to https://www.amazon.in/

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

//Navigate to

driver.get("http://localhost:9010/");

}

//11. Close the browser

@AfterTest

public void closeBrowser() {

driver.quit();

}}

LANDINGPAGE

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class LandingPage {

@FindBy(xpath = "/html/body/div[2]/form/a")

private WebElement ClicknewRegister;

public LandingPage(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void clickNewRegister() {

ClicknewRegister.click();

}

}

REGISTERPAGE

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class RegisterPage {

public static Object enter;

@FindBy(id = "name")

private static WebElement name;

@FindBy(id="email")

private static WebElement email;

@FindBy(id = "password")

private static WebElement password;

@FindBy(xpath="//button[contains(text(),'Register')]")

private WebElement register;

public static void entername(String username) {

name.sendKeys(username);

}

public static void enteremail(String mailid) {

email.click();

email.sendKeys(mailid);

}

public static void enterpassword(String pwd) {

password.clear();

password.sendKeys(pwd);

}

public void clickregister() throws InterruptedException {

Thread.sleep(2000);

register.click();

}

public RegisterPage(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void clickNewRegister() {

register.click();

}

}

LOGINPAGE

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class LoginPage {

@FindBy(linkText="Logout")

private WebElement logout;

@FindBy(id="email")

private WebElement email;

@FindBy(id = "password")

private WebElement password;

@FindBy(xpath="//button[contains(text(),'Login')]")

private WebElement login;

public LoginPage(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void enteremail(String mailid) {

email.click();

email.sendKeys(mailid);

}

public void enterpassword(String pwd) {

password.clear();

password.sendKeys(pwd);

}

public void clicklogin() {

login.click();

}

public void clicklogout() {

logout.click();

}

}

ADDTOCART

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class AddToCart{

@FindBy(xpath="(//a[contains(@class,'btn btn-primary')])[1]")

private static WebElement addtocart;

public void clickaddtocart1() throws InterruptedException {

Thread.sleep(2000);

addtocart.click();

}

public AddToCart(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void clickaddtocart() {

addtocart.click();

}

}

HOMEPAGE

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class HomePage {

@FindBy(linkText="Home")

private WebElement home;

public HomePage(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void clickhome() {

home.click();

}

}

CARTPAGE

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class CartPage {

@FindBy(linkText="Cart")

private WebElement cart;

public CartPage(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void clickcart() {

cart.click();

}

}

PLACEORDER

package SimpleLearnSportyShoes.SportyShoes2;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class PlaceOrder {

@FindBy(xpath= "/html/body/div[3]/a")

private WebElement placeorder;

public PlaceOrder(WebDriver driver) {

PageFactory.initElements(driver, this);

}

public void clickplaceorder() throws InterruptedException {

Thread.sleep(2000);

placeorder.click();

}

}

RESTASSURED SOURCECODE

GETDEMO

package capstonproject.RestassuredDemo;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class GETDemo {

@Test

public void getServerResponse() {

RestAssured

.when()

.get("http://localhost:9010/get-shoes")

.then()

.assertThat()

.statusCode(200)

.log().all();

}

}

POSTDEMO

package capstonproject.RestassuredDemo;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class POSTDemo {

@Test

public void getServerResponse() {

RestAssured

.when()

.post("http://localhost:9010/add-shoe?id=101&image=image\_url&name=SampleShoe&category=Running&sizes=9&price=1000")//http://localhost:9010/get-shoes

.then()

.assertThat()

.statusCode(200)

.log().all();

}

}

package capstonproject.RestassuredDemo;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class GET2Demo {

@Test

public void getServerResponse() {

RestAssured

.when()

.get("http://localhost:9010/get-users")

.then()

.assertThat()

.statusCode(200)

.log().all();

}

}