SourceCode:

Selenium

Src/main/java

package in.Simplilearn.SportyShoe;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class RegistrationPage {

@FindBy(id="name")

private WebElement name;

@FindBy(id="email")

private WebElement email;

@FindBy(id="password")

private WebElement password;

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

private WebElement Register;

@FindBy(linkText="Logout")

private WebElement logoutBTN;

public RegistrationPage(WebDriver driver) {

PageFactory.initElements(driver,this);

}

public void enterUserName(String username) {

name.click();

name.sendKeys(username);

}

public void enterEmail(String mailid) {

email.click();

email.sendKeys(mailid);

}

public void enterPassword(String pwd) {

password.click();

password.sendKeys(pwd);

}

public void clickRegister() {

Register.click();

}

public void clickLogout() {

logoutBTN.click();

}

package in.Simplilearn.SportyShoe;

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(linkText ="New User? Register Here")

private WebElement NewUserRegister;

public LandingPage(WebDriver driver) {

PageFactory.initElements(driver,this);

}

public void clickNewUserRegister() {

NewUserRegister.click();

}

}

}

package in.Simplilearn.SportyShoe;

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(id="email")

private WebElement email;

@FindBy(id="password")

private WebElement password;

@FindBy(xpath="//button[contains(@type,'submit')]")

private WebElement LoginBtn;

public LoginPage(WebDriver driver) {

PageFactory.initElements(driver,this);

}

public void enterEmail(String mailid) {

email.click();

email.sendKeys(mailid);

}

public void enterPassword(String pwd) {

password.click();

password.sendKeys(pwd);

}

public void clickLogin() {

LoginBtn.click();

}

}

package in.Simplilearn.SportyShoe;

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(@href,'add-to-cart?id=101')] ")

private WebElement Addcart;

public Addtocart(WebDriver driver) {

PageFactory.initElements(driver,this);

}

public void addCart() throws InterruptedException {

Thread.sleep(3000);

Addcart.click();

}

}

package in.Simplilearn.SportyShoe;

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(linkText="Home")

private WebElement home;

@FindBy(linkText="Cart")

private WebElement cart;

@FindBy(linkText="Place Order")

private WebElement placeorder;

@FindBy(css="body > div:nth-child(3) > div > strong")

private WebElement verifyMsg;

public PlaceOrder(WebDriver driver) {

PageFactory.initElements(driver,this);

}

public void clickhome() {

home.click();

}

public void clickCart() {

cart.click();

}

public void clickOnPlaceOrder() throws InterruptedException {

Thread.sleep(3000);

placeorder.click();

}

public String VerifyText() {

String text=verifyMsg.getText();

return text;

}

}

Src/test/java

package in.Simplilearn.SportyShoe;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

public class BaseTest {

WebDriver driver;

@BeforeTest

public void launchApplication() {

//1 Open the browser

driver = new ChromeDriver();

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

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

//Navigate to

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

}

//11. Close the browser

//@AfterTest

//public void closeBrowser() {

//driver.quit();

//}

}

package in.Simplilearn.SportyShoe;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.FindBy;

import org.testng.Assert;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class ShopyShoe extends BaseTest {

@Test

public void buyShoes() throws InterruptedException {

LandingPage landingPage=new LandingPage(driver);

landingPage.clickNewUserRegister();

RegistrationPage registerPage =new RegistrationPage(driver);

registerPage.enterUserName("meghana");

registerPage.enterEmail("meghana.battagani@gmail.com");

registerPage.enterPassword("12345");

registerPage.clickRegister();

registerPage.clickLogout();

LoginPage loginPage=new LoginPage(driver);

loginPage.enterEmail("meghana.battagani@gmail.com");

loginPage.enterPassword("12345");

loginPage.clickLogin();

Addtocart addtocart = new Addtocart(driver);

Thread.sleep(2000);

JavascriptExecutor js1 = (JavascriptExecutor) driver;

js1.executeScript("window.scrollBy(0,1000)","");

addtocart.addCart();

PlaceOrder placeorder=new PlaceOrder(driver);

placeorder.clickhome();

placeorder.clickCart();

Thread.sleep(2000);

JavascriptExecutor js2 = (JavascriptExecutor) driver;

js2.executeScript("window.scrollBy(0,2000)","");

placeorder.clickOnPlaceOrder();

String exceptedErrmsg="Success!";

String actualErrmsg=placeorder.VerifyText();

Assert.assertEquals(exceptedErrmsg,actualErrmsg);

}

}

RestAssured:

package in.sportyShoes.CapstoneProject\_RestAssured;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class GETALLPRODUCTS {

@Test

public void getServerResponse() {

RestAssured

.when()

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

.then()

.assertThat()

.statusCode(200)

.log().all();

}

}

package in.sportyShoes.CapstoneProject\_RestAssured;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class GETALLUSERS {

@Test

public void getServerResponse() {

RestAssured

.when()

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

.then()

.assertThat()

.statusCode(200)

.log().all();

}

}

package in.sportyShoes.CapstoneProject\_RestAssured;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class POST\_Add\_The\_Product {

@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")

.then()

.assertThat()

.statusCode(200)

.log().all();

}

}