package com.testing.FlipKart;

import java.util.NoSuchElementException;

import java.util.concurrent.TimeUnit;

import java.util.function.Function;

import org.openqa.selenium.By;

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.ui.FluentWait;

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

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

public class App {

WebDriver driver;

@Test

public void flipkart() throws Exception {

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

driver.findElement(By.name("q")).sendKeys("iphone 13");

driver.findElement(By.cssSelector("#container > div > div.\_1kfTjk > div.\_1rH5Jn > div.\_2Xfa2\_ > div.\_1cmsER > form > div > button")).click();

Thread.sleep(3000);

JavascriptExecutor js = (JavascriptExecutor) driver;

js.executeScript("window.scrollBy(0,document.body.scrollHeight)");

System.out.println("Reached At bottom of the page");

// Identify image

WebElement i = driver.findElement(By.className("\_396cs4"));

// Javascript executor to check image

Boolean p = (Boolean) ((JavascriptExecutor) driver).executeScript(

"return arguments[0].complete && typeof arguments[0].naturalWidth != \"undefined\" && arguments[0].naturalWidth > 0",

i);

// Verify if status is true

if (p) {

System.out.println("Logo present");

} else {

System.out.println("Logo not present");

}

Thread.sleep(3000);

driver.navigate().refresh();

Wait<WebDriver> wait = new FluentWait<WebDriver>(driver).withTimeout(30, TimeUnit.SECONDS).pollingEvery(5,

TimeUnit.SECONDS).ignoring(NoSuchElementException.class);

WebElement clickseleniumlink = wait.until(new Function<WebDriver, WebElement>() {

public WebElement apply(WebDriver driver) {

WebElement element = driver.findElement(

By.cssSelector("#container > div > div.\_1kfTjk > div.\_1rH5Jn > div.\_2Xfa2\_ > div.go\_DOp.\_2errNR > div > div > div > a"));

String getTextOnPage = element.getAttribute("innerText");

if (getTextOnPage.equalsIgnoreCase("Login")) {

System.out.println(getTextOnPage);

System.out.println("Passed");

return element;

} else {

System.out.println("Fluent Wait Fail!, Element Not Loaded Yet");

return null;

}

}

});

}

@BeforeMethod

public void beforeMethod() {

System.setProperty("webdriver.chrome.driver", System.getProperty("user.dir")+"/src/main/java/Driver/chromedriver.exe");

driver = new ChromeDriver();

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

}

@AfterMethod

public void afterMethod() {

// driver.close();

// driver.navigate().refresh();

driver = null;

}

}

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