import java.io.IOException;

import java.net.MalformedURLException;

import java.net.URL;

import java.util.List;

//import java.util.Set;

//import java.util.Iterator;

import java.util.concurrent.TimeUnit;

//import org.apache.http.NameValuePair;

import javax.net.ssl.HttpsURLConnection;

//import org.apache.http.util.Asserts;

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.support.ui.WebDriverWait;

public class TestCase3 {

@SuppressWarnings("unused")

public static <WebElements> void main(String[] args) throws InterruptedException, MalformedURLException, IOException {

// TODO Auto-generated method stub

//create Object for Chrome Browser

//xxxxx browser driver path on local machine should be added

System.setProperty("webdriver.chrome.driver", " xxxxx ");

WebDriver driver=new ChromeDriver();

/\*System.setProperty("webdriver.gecko.driver", "E:\\Tools\\geckodriver.exe");

WebDriver driver=new FirefoxDriver();\*/

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

System.out.println(driver.getTitle());

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

//Accept and close the cockies

driver.findElement(By.className("acceptCookie")).click();

driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

// Select Tab woldwide

driver.findElement(By.xpath("//span[contains(.,'Worldwide')]")).click();

System.out.println("These are the Country specific Sogeti links.");

driver.manage().timeouts().pageLoadTimeout(10, TimeUnit.SECONDS);

Thread.sleep(5000);

// getting drop downdpwn elements from 1 to 6 in a list and checking if there are broken links and print out the result

Boolean Display1 = driver.findElement(By.xpath("//\*[@id='header']/div[3]/ul/li[position() >= 1 and 12 >= position()]/a")).isDisplayed();

System.out.println("Elements are displayed= "+ Display1);

List<WebElement> linksset1 = (driver.findElements (By.xpath("//\*[@id='header']/div[3]/ul/li[position() >= 1 and 6 >= position()]/a")));

for (WebElement link : linksset1)

{

String url= link.getAttribute("href");

HttpsURLConnection conn= (HttpsURLConnection)new URL(url).openConnection();

conn.connect();

int respCode= conn.getResponseCode();

//System.out.println(respCode);

if (respCode>400)

{

System.out.println("The link with Text: "+ link.getText()+" is broken with Code number: "+ respCode +" Test is fail" );

}

else {

System.out.println("The link with Text: "+ link.getText()+" is healthy with Code number: "+ respCode +" Test is pass" );

}

}

// getting drop downdpwn elements from 8 to 12 in a list and checking if there are broken links and print out the result

List<WebElement> linksset2 = (driver.findElements (By.xpath("//\*[@id='header']/div[3]/ul/li[position() >= 8 and 12 >= position()]/a")));

for (WebElement link : linksset2)

{

String url= link.getAttribute("href");

HttpsURLConnection conn= (HttpsURLConnection)new URL(url).openConnection();

conn.connect();

int respCode= conn.getResponseCode();

//System.out.println(respCode);

if (respCode>400)

{

System.out.println("The link with Text: "+ link.getText()+" is broken with Code number: "+ respCode +" Test is fail" );

}

else {

System.out.println("The link with Text: "+ link.getText()+" is healthy with Code number: "+ respCode +" Test is pass" );

}

}

Thread.sleep(1000);

String link7= driver.findElement(By.*xpath*("//\*[@id='header']/div[3]/ul/li[7]/a")).getText();

System.***out***.println(link7);

driver.findElement(By.*xpath*("//\*[@id='header']/div[3]/ul/li[7]/a")).click();

System.***out***.println("The link for NETHERLANDS can be also called. test is passed");

}

}

