using System;

using System.Windows.Forms;

using OpenQA.Selenium;

using OpenQA.Selenium.Chrome;

using System.Text.RegularExpressions;

using System.Threading;

namespace Automation2

{

public partial class Form1 : Form

{

private static IWebDriver driver1 = null;

IJavaScriptExecutor executor;

public Form1()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

driver1 = new ChromeDriver();

driver1.Navigate().GoToUrl("https://www.fieldglass.net");

IWebElement user = driver1.FindElement(By.Id("usernameId\_new"));

if (user != null) user.SendKeys(txUser.Text);

IWebElement pass = driver1.FindElement(By.Id("passwordId\_new"));

if (pass != null) pass.SendKeys(txPass.Text);

driver1.FindElement(By.ClassName("formLoginButton\_new")).SendKeys(OpenQA.Selenium.Keys.Enter);

string campo = "";

WaitUntil("homeMenuTitle");

// GO HOME

driver1.FindElement(By.ClassName("menuLink")).Click();

//string numero = GetNumber();

//HOME = "https://www.fieldglass.net/desktop.do?sgjy=" + numero;

// CLICK SOW

Thread.Sleep(1000);

driver1.FindElement(By.ClassName("metricSowNewIcon")).Click();

// string SOW = "https://www.fieldglass.net/pay\_terms\_request.do?id=z14032615204318263809868&buyerCode=ATT&dataBaseType=sql&sgjy=" + numero;

// executor = driver1 as IJavaScriptExecutor;

// executor.ExecuteScript(SOW);

// archiveLink

Thread.Sleep(1000);

WaitUntil("actionHeader");

driver1.FindElement(By.ClassName("archiveLink")).Click();

// TAB

Thread.Sleep(3000);

campo = "tab\_teamMembers";

WaitUntil(campo);

driver1.FindElement(By.Id(campo)).SendKeys(OpenQA.Selenium.Keys.Enter);

Thread.Sleep(1000);

campo = "pay\_terms\_team\_members\_list\_ByPayTermsRequestId\_work\_order\_ref\_sch";

WaitUntil(campo);

IWebElement solicita = driver1.FindElement(By.Id(campo));

//if (solicita != null) solicita.SendKeys(txRequest.Text);

campo="pay\_terms\_team\_members\_list\_ByPayTermsRequestId\_search";

//WaitUntil(campo);

driver1.FindElement(By.Name(campo)).SendKeys(OpenQA.Selenium.Keys.Enter);

if (!Cerrado())

{

}

}

private void WaitUntil(string buscar)

{

while (true)

{

try

{

IWebElement homePage = driver1.FindElement(By.Id(buscar));

if (homePage == null)

Thread.Sleep(2000);

else

return;

}

catch (Exception es) {

Thread.Sleep(2000);

}

}

}

private string GetNumber()

{

string pagina = driver1.PageSource;

int pos = pagina.IndexOf("desktop.do?sgjy=");

pagina = pagina.Substring(pos+16);

pos = pagina.IndexOf("img src");

return pagina.Substring(0, pos-3);

}

private bool Cerrado()

{

string pagina = driver1.PageSource;

int pos = pagina.IndexOf("Confirmed (Worker Closed)");

if (pos > 10) return true;

return false;

}

private string GetID(string patron)

{

string ids = "";

int i = 0;

if (ids == "" && i < 3)

{

i++;

ids = Regex.Match(driver1.PageSource, patron, RegexOptions.IgnoreCase).Groups[0].Value;

if (ids =="") Thread.Sleep(3000);

}

return ids;

}

}

}