

CSC 234 – CODED UI MANUAL - ECS LOGIN

TEAM C

I. Steps to download and run Coded UI test for Sac State's ECS account website

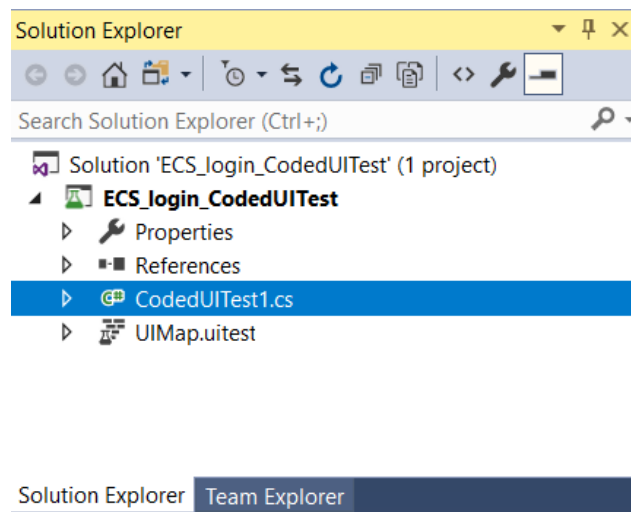
The aim of this test is to test the application of Coded UI Testing tool in automating tests for checking controls in a web site – ECS account.

Note: This Coded UI Test supports Playback only in Internet Explorer. We need Selenium component extensions to support playback in chrome, which is out of scope of this topic.

Step 1: Go to https://github.com/sharmilapjc/CSC234_Project2_ECS_login and select **Clone or download > Download Zip**. Save the file in any location on your drive or on your desktop.

Step 2: Unzip the downloaded file and inside the unzipped folder > double click on **ECS_login_CodedUITest.sln** to open the solution file in Visual Studio Enterprise IDE.

Step 3: In Visual Studio's solution explorer (Right side of your window) – double click on CodedUITest1.cs to open the test file as shown in the figure below.



Step 4: Now in the test file, goto line number 44 and type your ECS username. Similarly go to line number 48 and type your ECS password.

```

33 1 reference
34 public static void ecs_login_test()
35 {
36     BrowserWindow browser = BrowserWindow.Launch("https://www.ecs.csus.edu/index.php?content=ecs_portal");
37     browser.Maximized = true;
38
39     HtmlDocument doc = new HtmlDocument(browser);
40     doc.FilterProperties[HtmlDocument.PropertyNames.Title] = "ECS Portal | Sacramento State | College of Engineering & Computer Science
41     \"mento State\";
42
43     HtmlEdit loginTxt = new HtmlEdit(doc);
44     loginTxt.SearchProperties[HtmlEdit.PropertyNames.Name] = \"username\";
45     Keyboard.SendKeys(loginTxt, \"Type your ECS username here\");
46
47     HtmlEdit passwordTxt = new HtmlEdit(doc);
48     passwordTxt.SearchProperties[HtmlEdit.PropertyNames.Name] = \"passwd\";
49     Keyboard.SendKeys(passwordTxt, \"Type your ECS password here\");

```

Step 5: Now **Right click inside the CodedUITestMethod1 – Line number 27** and select **Run_Tests**. This will automatically launch the Internet Explorer browser and provide your ECS username and password.