

American International University- Bangladesh

SOFTWARE QUALITY AND TESTING Faculty: ABHIJIT BHOWMIK

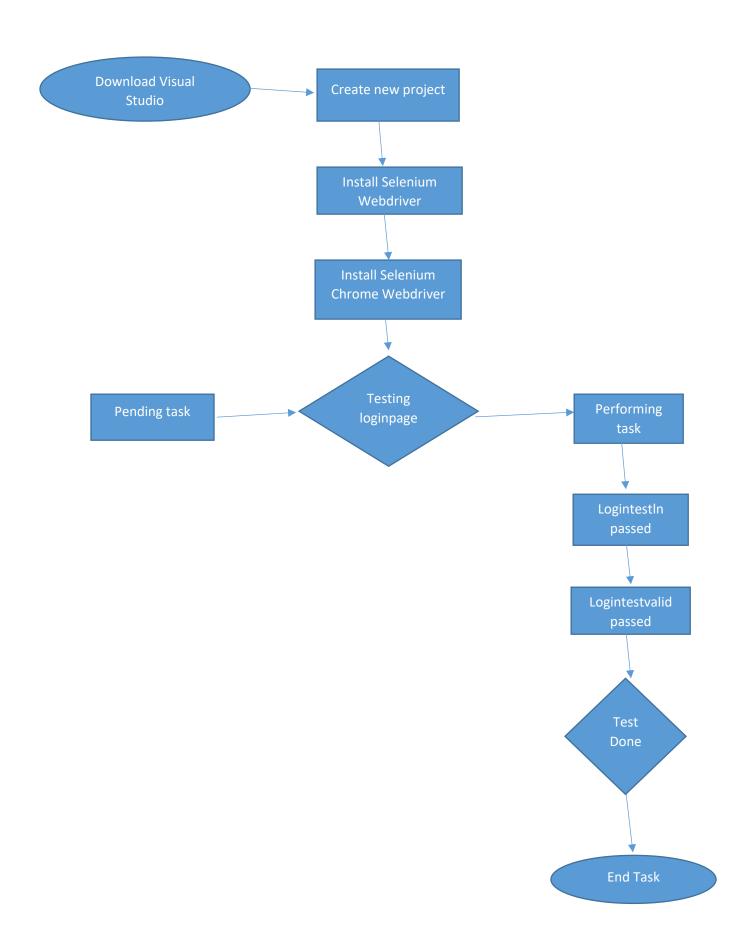
Assignment Section: A

Student Name	Student Id
MD.AHSAN NAYEM	19-41212-2
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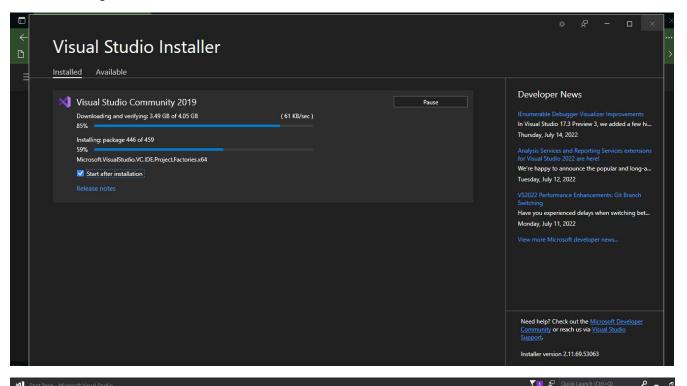
Summary of Selenium testing

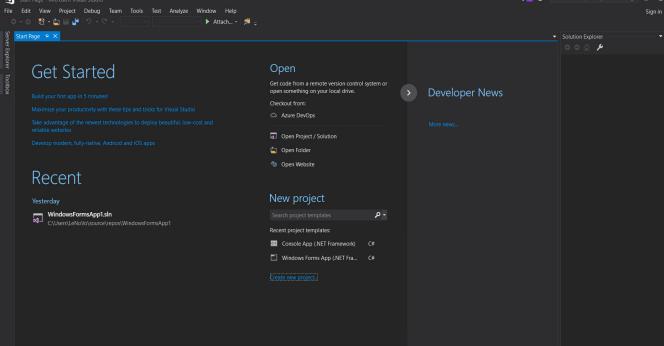
Selenium is an open-source project that serves as a hub for a variety of tools and frameworks that facilitate browser automation. It offers a playback tool so that functional tests may be created across the majority of current web browsers without the requirement to learn a test scripting language (Selenium IDE). Additionally, it offers a test domain-specific language (Selenese) that enables the writing of tests in a variety of well-known programming languages, such as JavaScript (Node.js), C#, Groovy, Java, Perl, PHP, Python, Ruby, and Scala. Windows, Linux, and macOS all support Selenium. Under the terms of the Apache License 2.0, it is open-source software. This is a great way to test software. In our case, we configure selenium with C# language. C# is useful for automation testing because it allows the automation test engineer to develop an application with the help of Visual Studio on the .Net framework. First, we install the IDE of the C# programming language and which is Visual Studio. Then we create a console-based new project. Then we install the selenium web driver and selenium chrome web driver. Then we do an automation test of our C# project's login page with the selenium testing tool. After completing the code we run the test and it passed. Then we can see that on the login page there is a message that comes success denied and our automation testing is completed.

Flowchart

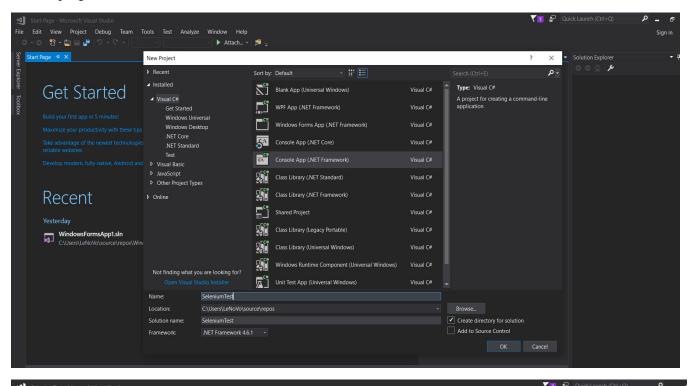


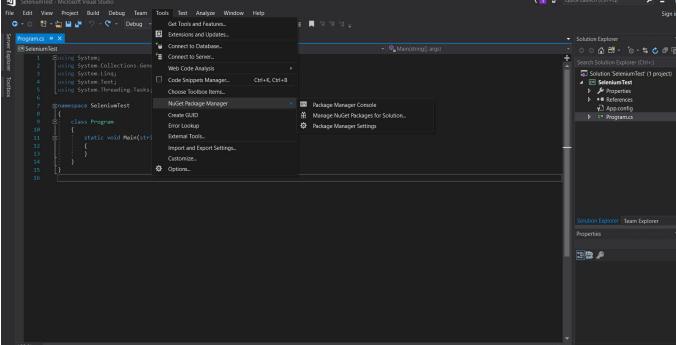
The task is assigned to all the members

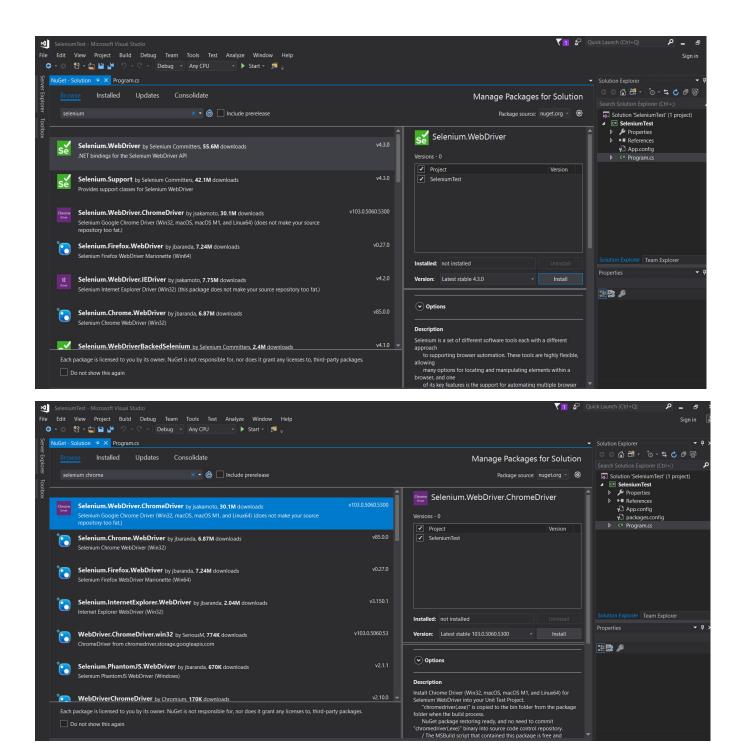




Task in progress









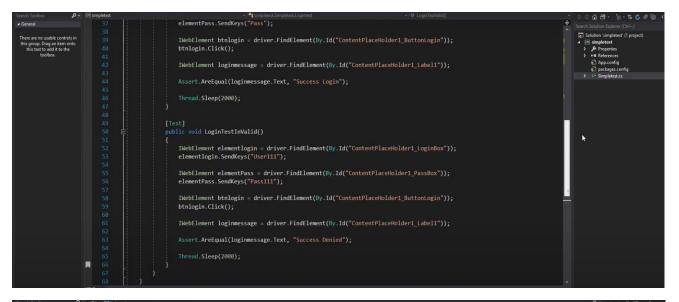
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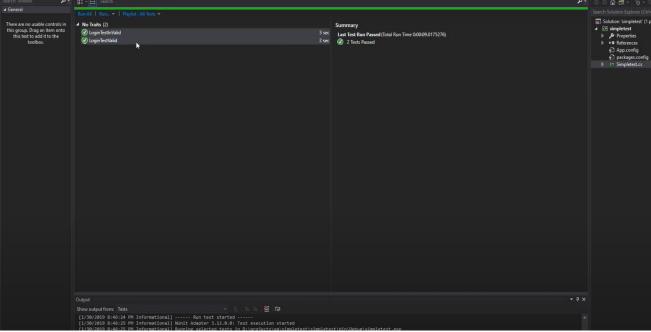
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Task Complete



