

ONSOLVE™ Automation Coding Project

The purpose of this coding project is to assess **what you consider to be production-quality code** with a small set of requirements. Please make use of best practices for coding in areas such as design, exception handling, and testing. The solution to the problem should include at least one meaningful unit and integration test each. This is your chance to impress us!

The problem we are solving is to create an automated integration test for a web-based form application. Using Selenium you will fill out the form and then using the API of the site validate that the form data has been saved correctly.

Please submit compilable source code as a zip or rar.gz file.

Requirements:

1. Create an automated integration test using Selenium and the bindings for either C#, Java, Python, or Golang

URL of Form: <https://fs28.formsite.com/ecnvietnam/form1/index.html>

2. Validate form data has been successfully submitted using the API endpoint for this form which is:
Base URL: <https://fs28.formsite.com/api/users/ecnvietnam/forms/form1/>
API Key: Qm8nO3h6auh7

Reference API documentation: <https://fs28.formsite.com/documentation/api/>

Notes

1. The form use basic auth with the following password: secret

Question

1. If we wanted to run this test as part of CI or nightly build process how could we host the test and alert us as to the results or failure of the test?