Dear Candidate,

Thank you for your interest in joining our team at Sitecore!

Some important notes

- Please add as many comments in the assessment (approach etc.) even if you cannot make it work.
- The code in the Stylelabs Automation Framework is written mainly in C#/.Net. This a modified version from our standard .Net/C# exercise to assess people who have test automation experience but have never programmed in C#, but are willing to learn the language once hired by Stylelabs
- Please pick your preferred programming language which can interact with Selenium. Preferably, use a BDD framework to automate the GUI tests below (e.g., for Ruby use Cucumber, for .Net it would be Specflow,…)

Assessment

Pre

Include a short readme in Markdown format on how to set up your environment/things to install in order to run your automation.

Exercise 1 – DuckDuckGo :

1. Create a test Automation script which opens duckduckgo.com and searches for "Bahamas"
2. Make sure that your test contains a step that checks you are arrived on the results page
3. The test script must take a screenshot from that result page
4. Expand the test scenario so it also does a search on "Amsterdam"

Exercise 2 – Expedia :

- Create a new test that is covering the following scenario:
  - o Given I navigate to the Expedia website
  - o When I look for a flight+accommodation from Brussels to New York
  - o Then the result page contains travel option for the chosen destination

- Additional data:
  - o Website to use: www.expedia.com
  - o The test should run on the US version of the website
  - o Travel dates – dates at your choice in 3 months
  - o Travelers – 1 adult + 1 child (3years old)

<u>Exercise 3 – REST API:</u>

- Using the "5 Day / 3 Hour Forecast" API available at https://openweathermap.org/api
- Create a **Postman** collection that is checking the weather in New York tomorrow
- Add a test on the max_temperature: if max_temperature > 10degree Celsius, the test should fail

Thanks a lot for your time and efforts!