

## QA Automation Engineer test questions:

This test is untimed, but we do not expect you to take an extended period of time working on complete solutions. Please answer it as a “proposal” solution, detailing your thoughts on areas you deem unfeasible to complete in a short timespan. We are looking for the right approach and appropriate considerations, not a business-ready solution.

### Question 1

1. Using a Java / Cucumber / Selenium Webdriver stack, please write sample automation code to automate testing the BrightTALK web site as follows:  
Given the new user is registered to the [www.brighttalk.com](http://www.brighttalk.com) website  
When user selects the Edit Profile on the right top of the page  
And changes the Last name on the Profile page  
And re-logs in to the site  
Then the new last name is shown on the left side of the "Knowledge feed" (/mybrighttalk/knowledge-feed) page.

Please consider different browsers and clients when picking your solution (such as desktop vs. mobile) and note the scope you picked and reasons. Please list also additional steps you believe are critical when developing a complete automation framework, which you would normally do, but could not finish in the time you have allocated yourself for this question.

2. Assuming this is a component in a larger framework, please list what additional information an automation architect would require in order to design their automation framework appropriate to the business needs.

### Question 2

Given Brighttalk is a business application available to a diverse global audience, write a suite of manual tests that covers the login functionality on the <https://www.brighttalk.com/login> page to an extent that you deem suitable for the business need. Annotate with explanations as required.