

Presentation

The goal with this task is to get a glimpse of your work as a Quality Engineer. We leave the format of your deliverables entirely to your preference. You are also free to choose the programming language and automation framework that you are more comfortable with. We will evaluate the content and quality of your deliverables, not their format. The idea is for us to get an understanding of your thought process on how you approach this task.

Activity

You are the first Quality Engineer in the team. The rest of the team is not familiar with Agile Methodologies and has asked you to help them with one task: to make sure that the advanced search functionality works as expected. The development of the feature is already in production and that's the environment you are going to use for your testing
The ecommerce platform to test can be accessed using the URL below

<https://demo.nopcommerce.com/search>

Deliverables

These are the deliverables we expect from you:

- Your test strategy (in a format of your choice: Google Docs, MS Word, PDF, Markdown file in the project, etc.), where you explain your approach.
- A test plan (in a format of your choice: Google Docs, MS Word, PDF, Markdown file in the project, etc.). Think about the test cases (for both automation and exploratory testing) you would write to give you a good level of confidence that the main aspects of the search feature are covered.
- The automated tests you wrote, along with a README file with instructions on how to run them on another machine (which libraries and packages are needed). You can choose to send the code in a Zip file or send us the link to the GitHub/GitLab/Bitbucket repository, along with the commit hash, so we can evaluate the right one.
- A test execution report (which tests passed, which failed).
- Feedback to the manager on how to improve the quality in the team, from requirements to the quality process (not mandatory, but highly recommended) .