wallee
easy pay any way

QA Engineer at Wallee - Technical Challenge

This challenge is flexible and may require a significant amount of time to develop testing solutions. However, the project's aim is not to produce flawless results, but rather to offer solutions for each task, allowing us to understand your approach.

The following **tips** will help you successfully complete the challenge:

- Within each task please focus on the tests that you consider to be most important.
- We value quality over quantity, so please focus on the most important tests and ensure they are well-designed.
- Please note that it is not necessary to fully test the application. Our main focus is on understanding your approach to each task.

Note: It would be great if you could inform us of the approximate date and time when you will be submitting your results so we can schedule the review and interview appropriately.

Getting Started

Please be aware that the project was designed to meet the **acceptance criteria** listed below:

- Users are able to navigate to the different pages on the website.
- The user should be able to add products to their cart, and the cart should update automatically, displaying the correct number of items.
- The checkout process should be completed without any errors, and the user should receive an order confirmation email upon successful checkout.
- The sorting function should return accurate results for valid sorting terms.
- The user should be able to create an account on the checkout.
- All menu items on the webshop should be functional and navigate to the correct page, without any errors or broken links.

1. **Manual Test**

    The website you need to use for the manual part in challenge can be found at:
    https://woocommerce.showcase-wallee.com/

- Make sure to use a compatible browser to access the webshop. Once you're in, thoroughly explore the webshop's features and take note of the issues, along with brief explanations.

- Compose a bug ticket for a significant issue in the same manner you would normally send it to your development team colleagues.

2. **Automated Test**

    The website you need to use for the automated part in challenge can be found at:
    https://magento-2.showcase-wallee.com

- Please write an automated end-to-end test case using the framework of your choice that covers the key points of the provided acceptance criteria, including test cases for both positive and negative scenarios.
- Begin with the test scenarios that cover the most important functionality.
- Additionally, please ensure that the test is executable, and provide the necessary instructions on running it.

    2.1. **Test coverage:** supply the test suite with a coverage report.
    2.2. **Execution:** ensure that the test is executable and provide the necessary instructions for running it.

    2.3. **Docker (optional)**

- Please supply the test suite with the Docker runtime. Describe the test execution cycle in the shell script. (Explanation: Tests should run in Docker containers, starting either with a shell script using Docker CLI or Docker Compose CLI).

3. **CI Integration (optional)**

- Extend Step 2.3 with the test suite automation in a CI pipeline system of your choice.

4. **Documentation**

- Please document all steps in a Readme.md file, including what your tests consist of and how to install and run them.

    If you have any questions, feel free to contact our recruitment team at any time.

We wish you good luck!