Web QA Engineer 2023 - Technical Task

1- You’re required to test this site My Store (multiformis.com) using **NightwatchJS**.

a. In the contact us page, figure out the optional and required fields and add the required tests for the form submission (you should test the possible combinations whether it leads to valid or invalid submission, your test should have at least one test for file upload)

b. In the homepage, search for “dress” and verify the search results

c. It is mandatory to use nightwatch Page objects while implementing the tests, no hardcoded selectors

Deliverables :

- An HTML report for the results
- Report any bugs you find by creating a bug ticket for each bug (use a word table that has the required fields for a bug ticket)
- Prepare a document for the test cases

The tests documentation and the bug tickets should be clear to both the developer and to someone who’s not familiar with the technology

2- Using this module mock-user-auth - npm (npmjs.com) and supertest - npm (npmjs.com)

- Test all the API routes found on the mock-user-auth npm page
- Your tests should validate hitting the routes with valid/invalid body, valid/invalid authorization.
- Choose any test runner you’re comfortable with (jest,jasmine or mocha)

Deliverables :

- An HTML or xml report for the results. (if you fail to integrate your runner with a report generator, create a manual report)

- Report any bugs you find by creating a bug ticket for each bug (use a word table that has the required fields for a bug ticket)
- No test documentation needed for this part but you should give your tests readable titles

Instructions

- Use NightwatchJS and supertest for Automation Scripts. All instructions for installation and how to use can be found on the site.
- Create a github repository that has two folders for your UI and API tests (it should be public so you can share it with us)
- Create a readme file in the root describing the project
- Connect your github repository with CircleCI
- Setup CI/CD for the project having 2 steps, running the UI tests, then the API tests and trigger your pipeline (make sure the results match your local run results)
- Add a circle ci status badge to your repository’s readme file
- You will be required to present your work in the next interview. Prepare a presentation to show your efforts.
- You should reply to the task’s mail with your github repository link before the specified deadline