QA Engineer Skill Test (web automation)

As part of the Continuous Testing process in our Agile environment, we would like you to implement web test automation for an clothing store.

The website

https://automationexercise.com/

The website consists of the following parts:

A. Views

1. Home screen

This is where all the available products are

2. Product details

This is where user can personalize the quantity

3. Cart & cart summary

User can view the added products and either checkout or continue shopping and review added items prior to payment

4. Account creation & sign in

User can create an account and fill a form detailing his or her personal details

5. Address

User can review address and include a comment

6. Payment

User has to enter credit card details, pay and confirm order.

7. Order confirmation

Final confirmation of order

B. User flows

1. Enter the website and scroll down about halfway down the page.
2. Chose a product and click on "View product" under the picture of the product.
3. In the Quantity box enter 30
4. Click "Add to cart"
5. Click on "Proceed to Checkout"
6. Fill in an email address and click on "Register / Login"
7. Enter name and email under "New User Signup"
8. Fill in all information and click on "Create Account"
9. Click on "Continue" under "ACCOUNT CREATED!" title
10. Click on the Cart in the header
11. Click on "Proceed to checkout"
12. Add a comment and click on "Place Order"
13. Fill in fake Credit Card information and click on "Pay and Confirm Order"
14. Click on "Continue" button
15. Click on "Logout" on top header
16. On the "Login to your account" box and enter with previously created user
17. Click on "Contact us" on the header
18. Fill required data and Click on "Submit"
19. Press "OK" in the pop up
20. Finally, click on the "Logout" button on the header.

Task and Deliverables

1. Automate all user flows in order
2. Select the right framework for automation: which automation framework will you use for the task? For example: IntelliJ
3. Test plan, design, and strategy: describe your test cases and strategy to implement.
4. Setting up the test environment: provide detailed instructions or access to the test environments so we can run the implemented automation from our side.
5. Automation test script development and execution: provide file with the code implemented to run the test.
6. Include a video of the automated test carried out.
7. Analysis and test reports: provide a test report for the test execution.

The deliverables for the task includes a document describing the scope, tools used, test cases, strategy, results, video capture of automated test and a file containing the automation test run and detailed instructions on how to run the tests in our environment.