everlywell

QA Engineer Project

This project describes a situation that you may face in your day-to-day work at EverlyWell. Your goal is to describe how you'd handle this situation and to give examples of the work you would do to complete this feature.

Instructions:

1. Do not spend more than 3 hours on this project.

2. Review the following Business Scenario, User Story, and UAC

3. Complete the Requirements below and feel free to add any additional details if time permits.

4. Contact kduran@everlywell.com if you have any questions concerning this project

Business Scenario:

Update the current checkout process to automatically apply volume based discounts. We need admins to be able maintain the configurations of these discounts without involving Engineering.

User Story:

As a buyer, I want to get a discount when I purchase 5 items of the same product so that I'm incentivized to buy more.

UAC:

Given my cart contains at least five (5) tests/kits when I go to the checkout page, then I should see an automatic discount that is applied and is equal to the price of one test.

Additionally, if I add a promotion code manually, then the higher savings to the consumer should be applied, whether that be the volume discount or the one-off promotion code.

Requirements:

1. Create an automated test file or written test plan for the most critical or risk-prone functionality related to this feature. If you choose to create an automated test file, it can be written in the language/framework of your choice, but cypress.io is preferred. The code is not expected to actually be executable, but it should be written as if it were able to be run against the QA environment when this feature was deployed.
2. Please answer the following short-response questions:
    a. How would you approach testing at each stage of the development process for this feature?
    b. How would you work with the Dev team and at what points in the process?
    c. How would you handle UAC failing during different times in the process?
3. If you were going to be on vacation the day this feature was deployed to staging and needed to be smoke tested, quickly write/explain the steps needed to verify this feature is working as intended and ready for release to production. Pretend as if this would be handed off to the Product Owner to verify the feature.
4. What other areas would you want to smoke/regression test alongside this feature before it is released?
5. Identify risks associated with this feature.
6. Imagine that certain bugs were discovered late in the testing/integration process and the feature was supposed to deploy tomorrow. How would you communicate the issues to the product owner? Would these issues block or delay the release? Why or why not?