

Test Strategy:

Approach Outline: The goal of this test strategy is to cover the most important test flows for product search and shopping features. The scope of the testing should be limited to the most crucial scenarios in order to effectively demonstrate skills and experience. The expected documentation includes detailed test scenarios and a comprehensive test report. In terms of automation, it is important to prioritize automating the check-out, shopping cart, and search features.

Test Scenarios:

Product Search:

1. Verify if the user can search and find a listed product.
2. Verify if the user can see a warning message on searching an unlisted product.
3. Verify if the user can only see the filtered products matching the search query.

Shopping Cart:

1. User can add a single product to the cart.
2. User can add multiple quantities of the same product to the cart.
3. User can add multiple different products to the cart.
4. User can notice that the cart total = (cost of items + the shipping cost).
5. User can delete an item from the cart.
6. User should see a message indicating items which are not in stock.
7. User should not be able to add more than the items available in stock to the cart.
8. User should be navigated to SHOPPING-CART SUMMARY on clicking the check-out button from the cart.

Check Out:

1. User should be able to check out successfully.
2. User should not be able to check out successfully if he does not accept the terms and conditions.
3. User can not check out if he does not have a valid address added.
4. User should only be able to check out if he is logged in.
5. Upon clicking the proceed to check out from the shopping cart summary page, the user should be asked to either login or register.
6. User should be able to see his order after successful checkout under my orders.