Task 2: GUI Test

Test Plan:

1. **Objective**: Ensure that customers can successfully add a product to the cart, change the quantity of selected product and see the related products in cart table.
2. **Test Approach:**
   - **Positive Test Case:**
     1. Verify that a customer can successfully add a product to the cart, change the quantity of selected product and see the related products in card page.
   - **Negative Test Cases:**
     1. Verify that customer cannot add product to the cart table, the quantity of product cannot be changed and the related products don't show correctly.
3. **Test Data**:
   - Related products of selected random product based on search engine
   - Expected quantity for product selection.
4. **Test Environment**:
   - Browsers (Chrome, Firefox, Safari).
   - Devices: Windows, Mac, Android, IOS
   - Ensure that the website https://www.shop-apotheke.com/ is accessible during testing.
5. **Acceptance criteria:**
   - A random product can be added to the cart.
   - Product and relevant product information are displayed in cart table.
   - Customer can select the quantity of the product.

6. **Test Cases**:
   - Add product to cart table properly
   - Change the quantity of product in cart table
   - Verify drop-down functionality of change product quantity in product page
   - Verify drop-down functionality of change product quantity in cart table page
   - Verify discount calculation
   - Verify related products (based on search engine or database)
   - Matching between amount and quantity of product
   - Verify display number of products in cart table icon.
   - Verify the UI and responsive of product detail page and cart table page with design (Figma,…)

Test Case name: Add product to cart table properly

Test Case ID: TC002

Priority: High

Setup Info:

- Platform: Windows, Mac, Android, IOS
- Related Task ID (based on task management tool): 2

Preconditions:

- https://www.shop-apotheke.com/ is reachable
- UI/UX design link (e.g. Figame) is availabe.
- Access to search engine or database is available for checking related products.

Exit Criteria:

- Verify that a customer can add a random product to cart table and product is visible in cart table

Test Steps:

1. Open https://www.shop-apotheke.com in browser
2. Navigate to a random product
3. Click and open the product page
4. Verify the product page is open
5. Select a random pack size (if available)
6. Verify the amount and discount
7. Click on add to cart button
8. Check "Successfully added to cart" message
9. Click on "Zum Warenkorb" button
10. Verify the cart table page is open
11. Verify the availability of selected product
12. Verify the final amount of product

Expected Result:

- The product should be successfully added to the cart without errors.

Actual Result:

- Pass

Comments & Findings:

- According to GUI testing we have to test all items and actions based on our design link or the story in this test case.
- The access to search engine or database for checking related products is Blackbox for me.
- When click on each page or refresh the pages, the quantity notification of table cart icon changes to zero for a moment and then displays the right number again.
- In iPhone SE, there are some responsive issues. See the following image: