**MANUAL QA**

***Homework - Lesson 5***

**Student Name:** Mario Lima

***Level 1:***

* ***Make a comparative table of the three types of test documentation:***

| **Name of the test documentation** | **Main characteristics** | **Advantages** | **Disadvantages** |
| --- | --- | --- | --- |
| **Checklist** | Is a list of items or tasks that need to be completed or checked to ensure that nothing is missed during the testing process. | 1. Are easy to create and use. 2. Help to reduce the risk of defects. | 1. May not provide a complete view of the system functionality. 2. May become out of date if the requirements change. |
| **Test case** | Is a set of conditions, variables, or circumstances under which a tester determines whether a system or application is working as intended or not. | 1. Ensure that the system is working properly. 2. Can be reused. 3. Help to identify bugs. | 1. May not cover all scenarios. 2. Maintaining can be time consuming. 3. Need regular updates. |
| **Use case** | Is a detailed description of how a system or application will be used by its intended users. | 1. Provide a clear understanding of the system functionality. 2. Helps to ensure that the system meets the needs of the users. | 1. Require significant input of users and stakeholders. 2. May become out of date if the requirements change. |

* ***Make a checklist for testing the main page of your favorite online store (***[***https://www.amazon.com/***](https://www.amazon.com/)***,*** [***https://www.mrporter.com/en-fr/***](https://www.mrporter.com/en-fr/)***,https://www.asos.com/)***

Answer:

For: [https://www.amazon.com](https://www.amazon.com/)

* Search functionality: Test the search bar functionality and make sure that it returns results for different search queries.
* Products and categories: Verify that the product categories are displayed correctly, and that each product is properly categorized.
* Promotions and deals: Test the promotions and deals links and verify that they are working correctly.
* Responsiveness: Test the website's responsiveness and ensure that the website adapts to different screen sizes.
* Error messages: Test error messages and ensure that they are displayed properly.
* Load time: Test the page load time and ensure that it is within acceptable limits.
* Successful Login: Ensure that the website is accessible to all users with the proper credentials.

***Level 2:***

* ***Complete the task of the previous level.***
* ***Create 5 positive and 5 negative test cases to check the basic functionality of your favorite online store (***[***https://www.amazon.com/***](https://www.amazon.com/)***,*** [***https://www.mrporter.com/en-fr/***](https://www.mrporter.com/en-fr/)***, https://www.asos.com/)***

Answer:

For: [https://www.amazon.com](https://www.amazon.com/)

**Positive Test Cases:**

1. Search Functionality: Enter a keyword in the search bar and verify that the relevant search results are displayed on the page.
2. Add to Cart: Add a product to the cart and verify that the item is added successfully and displayed in the cart.
3. Login: Login with valid credentials and verify that the user is successfully logged in and redirected to the homepage.
4. Product Detail Page: Click on a product and verify that the product detail page is displayed with all the necessary information such as product description, price, reviews, and ratings.
5. Checkout: Proceed to checkout with a product in the cart and verify that the checkout process is completed successfully.

**Negative Test Cases:**

1. Order History: View order history and verify that the previous orders are displayed with all the necessary information such as order date, product details, and order status.
2. Invalid Wishlist: Attempt to add a product to the wishlist with invalid input and verify that an appropriate error message is displayed.
3. Incorrect Login: Login with incorrect or invalid credentials and verify that an appropriate error message is displayed.
4. Broken Link: Click on a broken link on the website and verify that the website displays an error message.
5. Payment Failure: Attempt to complete checkout with invalid payment details and verify that an appropriate error message is displayed.

***Level 3:***

* ***Complete the tasks of the previous two levels.***
* ***You are the founder of a startup planning to launch a mobile application for sharing cat photos on iOS and Android devices.***

***The startup has a team of 3 developers (Back-End, iOS, and Android). Requirements and use cases are provided by you as the main stakeholder.***

***Create a test plan that will allow you to release a product of proper quality.***

Answer:

<https://docs.google.com/spreadsheets/d/1dZUIw9J-UOuqfgFg4FLqsvvR1SWAknHTbW_2ZEccGOo/edit?usp=sharing>