Test plan for testing the Brevi website

Monday, 23.09.2024

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1. Introduction

The test aims to check the functionality, usability, localization, and compatibility of the Brevi website with various browsers and devices. Particular attention will be paid to checking the correct operation of the product comparison list, filtering and search functions, and the navigation of links on the site.

2. Testing object

The Brevi website (https://brevi.com.ua/) is an online store that offers workwear for various industries. Testing will be conducted based on the current version of the website as of 09/23/24 with a focus on key features and usability for customers.

3. Scope of testing

Testing covers the following areas:

- **Functional testing**: checking the basic functions of the site, such as navigation, product search, and adding products to the comparison.
- **GUI and usability testing:** Checking the ease of use and compliance with the site's overall style.
- **Localization testing:** checking the correct display of the Ukrainian language, date and number formats.
- **Compatibility testing:** checking how the website works on mobile and desktop devices and in different browsers.

4. Testing strategy

Testing will be conducted in several stages:

- **Manual testing:** writing and executing checklists and test cases for functionality, usability, and localization.
- **Automated Testing:** creating automated test cases for Smoke Testing and functional checks using Codeless tools.

- **Exploratory Testing:** an attempt to find errors during a free exploration of the site.

5. Roles and responsibilities

Test Engineer: **Vitalii Tsiupin**. Responsible for writing, conducting, and documenting test results for the Brevi website.

- Testing the functionality, usability, localization, and compatibility of the website.
- Creating checklists and test cases for each of the testing areas.
- Performing automated and manual testing.
- Identifying, documenting, and tracking defects in bug reports.

Upon completion of the test, a report on the results will be provided, including a description of the work performed, identified bugs, and proposed solutions to correct them. This report is submitted for review to **Yulia Sogokon**, Director of Brevi, for further action and decision-making to eliminate the problems.

6. Resources

Tools to be used during testing:

- **Selenium -** to automate web interface testing.
- **Postman -** for API testing.
- **Jira -** for documenting bug reports and defects.

7. Timeline

- Preparation of test cases and checklists: 4 days.
- Performing manual testing: 3 days.
- Creating and executing automated tests: 2 days.
- Preparation of Test Result Report: 1 day.

8. Risks

- Inconsistencies in requirements can cause delays due to the need for clarifications and corrections.
- Unforeseen technical failures, such as servers or databases, may fail, causing testing to stop
- Limited resources (testers or equipment) can affect the timeframe for completing testing.

- Insufficient test coverage of functionality can leave hidden bugs.

9. Testing completion criteria

Testing is considered complete if all the planned test scenarios have been executed, the critical functions of the site have been checked, and no blocking defects have been found that interfere with the main functionality.

10. Metrics

- Number of defects found (by priority).
- Percentage of automated tests.
- Time to complete the tests.

11. Conclusions

Based on the test results, a report will be provided with suggestions for improving the functionality and stability of the Brevi website.