

Task 11 - Errors made by testers

Name of the tested application: Warsaw Sneaker Store

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1. Name: Lack of captcha verification message after adding a product to cart

Description: After captcha verification and successful addition of a product to the cart, if the user tries to add the same product again, an error message appears stating incorrect captcha verification.

Category: Functional

Priority: Medium

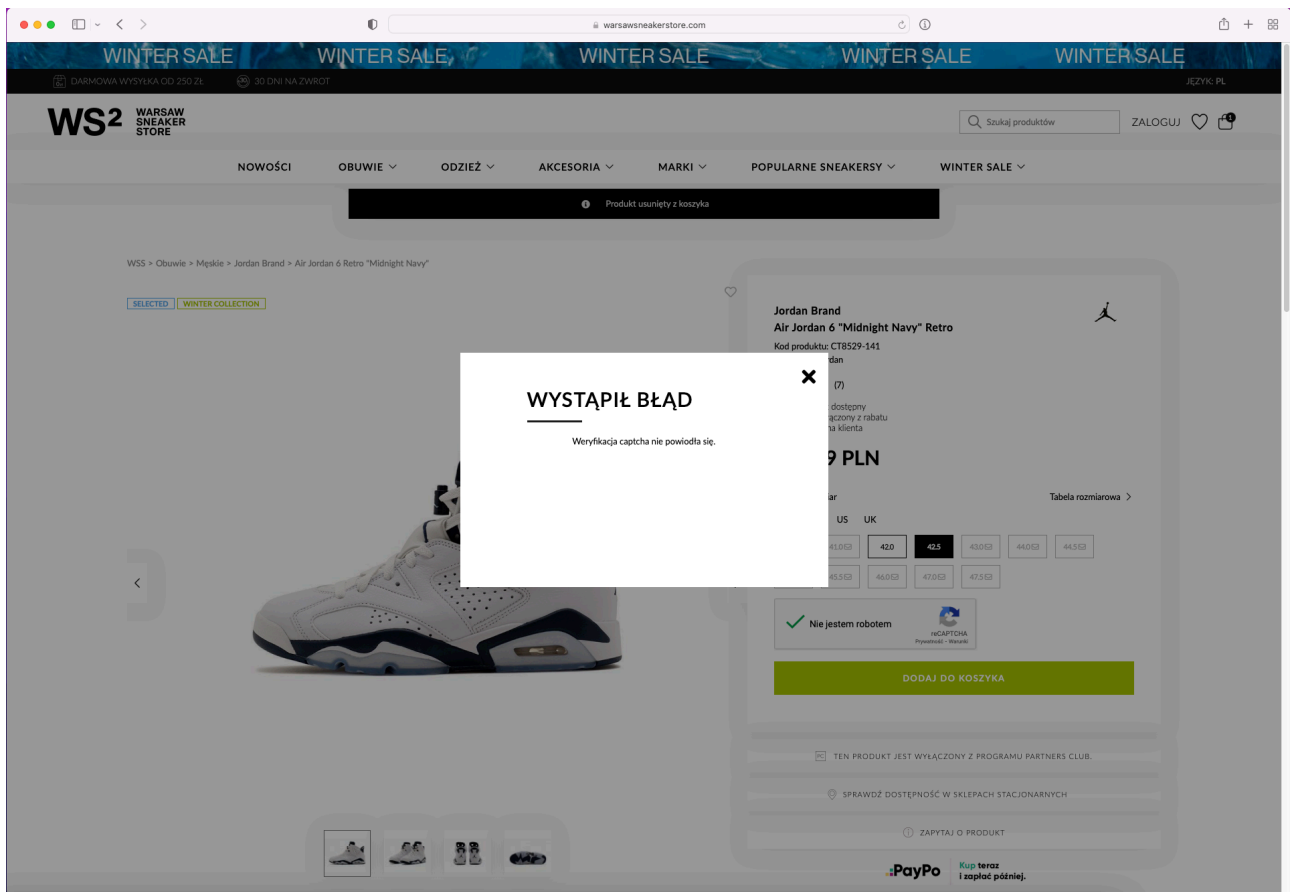
Current result: Current result: The captcha is verified, but an error message appears indicating lack of verification.

Expected result: The captcha should be refreshed when the user tries to add the product to the cart again.

Steps to reproduce:

1. Open the application <https://warsawsneakerstore.com>
2. Select the "Jordan Brand" in the shoes section
3. Go to the second page
4. Add the "Air Jordan 6 Midnight Navy Retro" model to the cart
5. Verify captcha and try to add the model to the cart again

Environment: <https://warsawsneakerstore.com>, macOS Monterey 12.6, Safari 16.0 (17614.1.25.9.10, 17614)



In this case, we are dealing with a situation where the captcha itself may not be the problem. The described model is available for purchase in a quantity of only one pair per customer, which means that the captcha appears as verified, but the error itself occurs when adding the limited product to the cart for the second time. Upon refreshing the page, we receive a message that the pair is limited. If the tester bypasses this fact and the programmer fixes it, a number of problems with captcha verification may arise, or the product will no longer be limited, making it possible to add it to the cart multiple times, affecting the uniqueness of the product.

2. Name: Duplicated brands section in site map

Description: Duplicated brands section in the site map.

Category: Usability

Priority: Low

Current result: The brands section is duplicated in the site map.

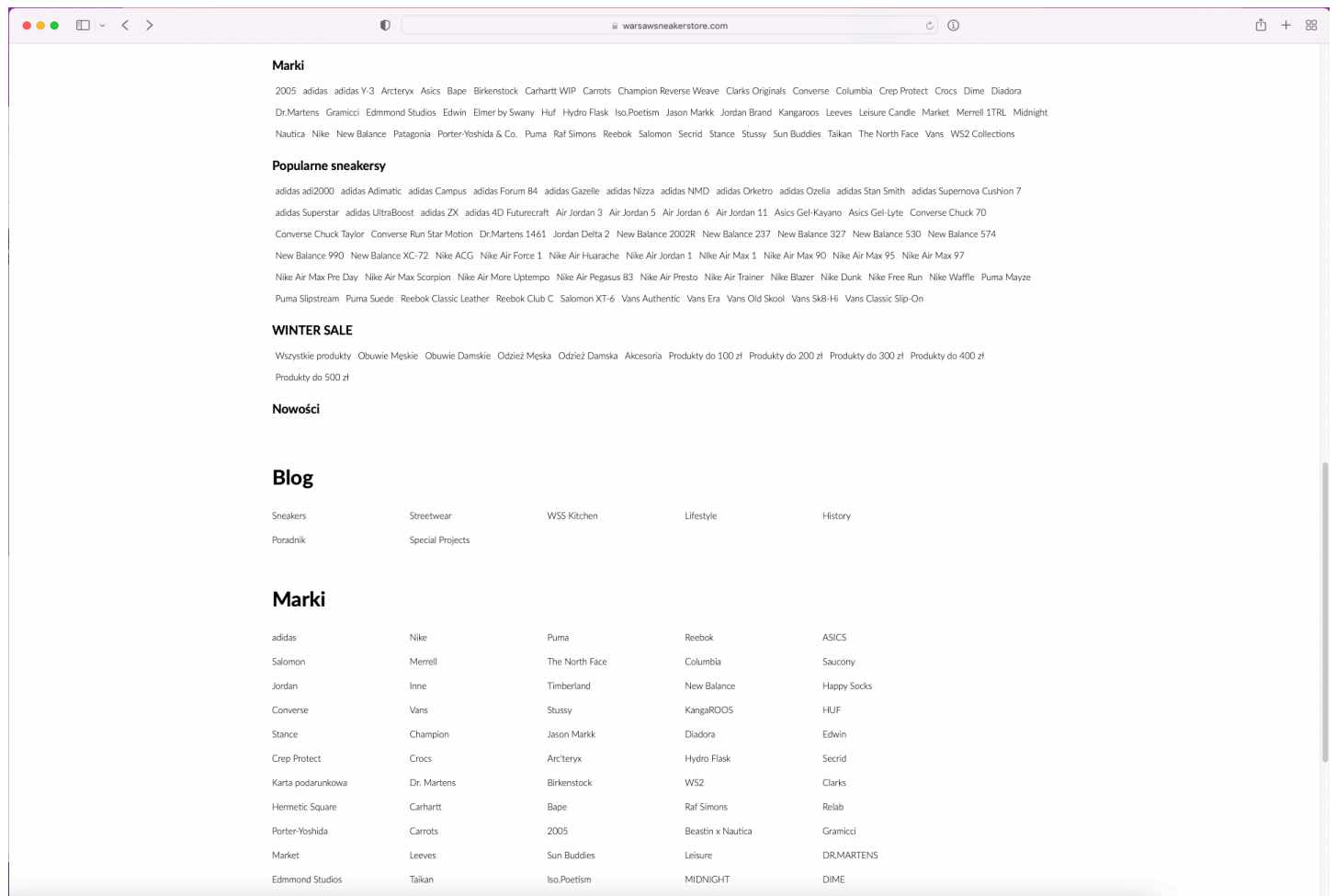
Expected result: Only one brands section should be displayed in the site map.

Steps to reproduce:

1. Open the application <https://warsawsneakerstore.com>

2. Choose "Site map" at the very bottom of the application.

Environment: <https://warsawsneakerstore.com>, macOS Monterey 12.6, Safari 16.0 (17614.1.25.9.10, 17614)



In this situation, a tester seeing duplicate brand sections on the site map may think it is a defect, but the site may simply be designed that way, which may seem illogical at first glance. In our opinion, it would be enough to place the section on the page only once and it would be sufficient, but the client's requirement could be different, and such a design could be entirely appropriate. Removing this section would be tantamount to failing to meet the client's requirements if such a structure was indeed presented in the specification.

3. Name: Inability to display all products

Description: The application does not allow the user to display all products from the popular sneakers section.

Category: Functional

Priority: Low

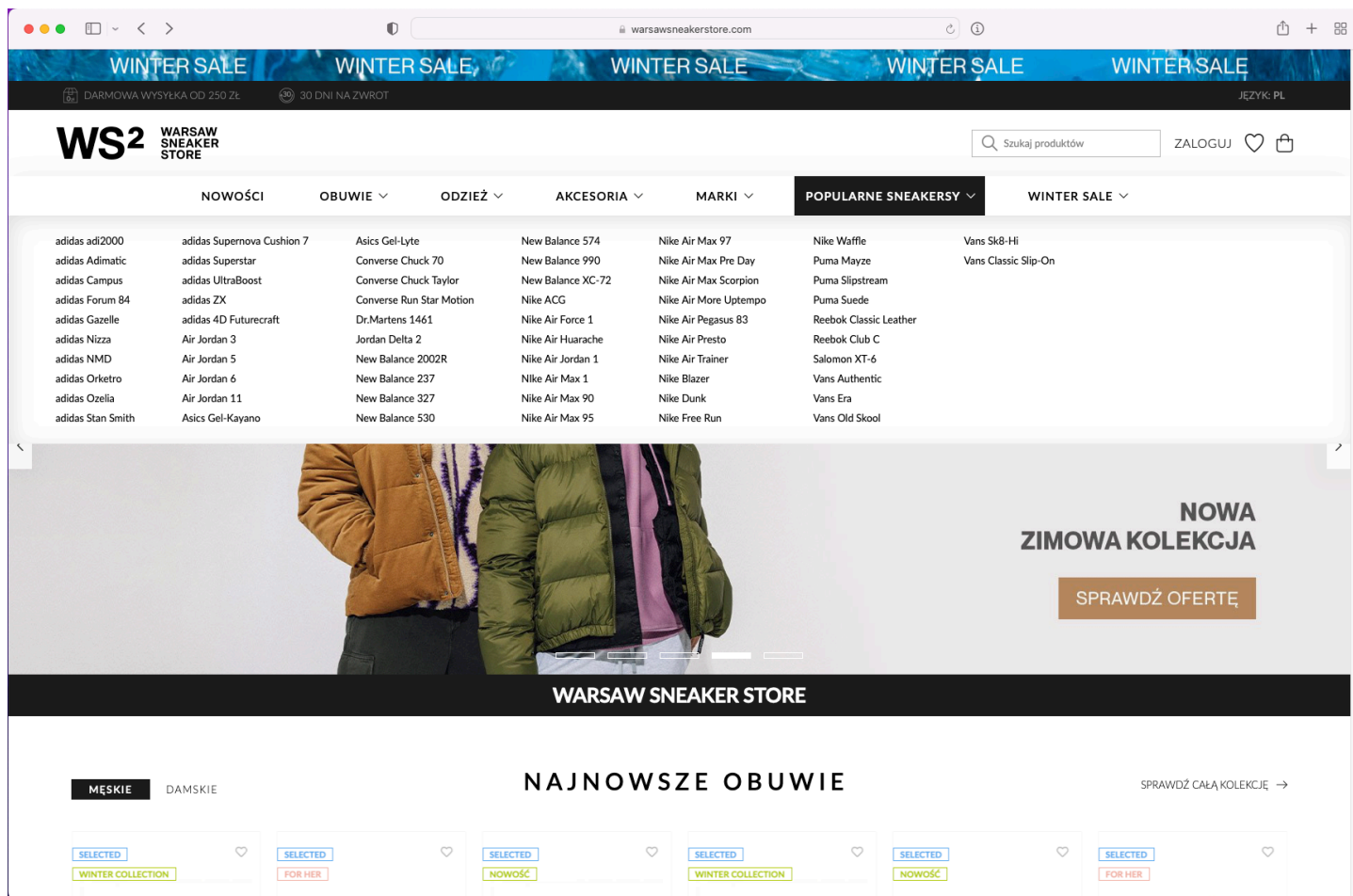
Current result: The application does not have a button to display all products from the section.

Expected result: The application should allow the user to display all products.

Steps to reproduce:

1. Open the application <https://warsawsneakerstore.com>
2. Click on the "Popular sneakers" button in the navigation menu.

Environment: <https://warsawsneakerstore.com>, macOS Monterey 12.6, Safari 16.0 (17614.1.25.9.10, 17614)



In this situation, we are dealing with a section that deliberately does not have such a possibility, and this is also related to the design of the website. Some models that appear in this section of the navigation menu have an individual legend at the bottom of the product page, so there is no possibility to display all products at once. Of course, there would be a possibility to introduce such a change and, as in previous cases, it could violate requirements or introduce a number of new defects related to the website design and the display of legends of individual models from the section. The consequence of such actions would be a waste of valuable time that could be devoted to more important things in the project, as well as the introduction of unnecessary chaos.

Regarding the last part of the task, I would like to use a real-life situation and refer to Wikipedia to describe the issue of overlooking key defects that had a tragic outcome. I will bring up the situation of a Mars mission organized by NASA. The Mars Polar Lander was the name of the spacecraft that launched on January 3, 1999. The entire mission ended in failure during the landing attempt. The cause was a loss of communication, probably caused by a defect in the software, which triggered an incorrect identification of data collected during descent, ultimately resulting in the shutdown of the braking engines at about 40 meters above the surface.