

Task 20 - Designing a test idea to meet requirements

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Name of the tested application: <https://warsawsneakerstore.com/>

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The main premise of the application I am testing is the overall fulfillment of the functioning of an online store, in this case focused on the clothing industry.

The goal of the application is to enable potential users to easily explore the website, familiarize themselves with the products, and if the customer decides to purchase a selected product, to place an order and fulfill it.

The application has a number of key features that I have mentioned several times in previous lessons. These include:

- Ability to register and log in
- Login via portals (Facebook, Google, Paypal)
- Shopping cart and favorites
- Newsletter
- Free shipping for orders exceeding 250 PLN
- Wide selection of clothing divided into categories and subcategories
- Ability to sort and filter by brand
- Blog
- Release calendar

The application is designed to be user-friendly, allowing users to browse the website comfortably and encouraging them to make purchases by honoring various forms of payment and delivery.

Now that we have an understanding of the application's premises and a list of its necessary features, I will construct a table to design test ideas for specific areas and functions.

Area / Function	Test Idea
Registration	Testing the correctness of user registration and testing forms.
Logging in	User login using the account created during registration and checking the integrity of portals.
Store cart and Favorites	Verification of the correct functioning of specific functionalities by adding/removing different numbers of products.
Newsletter	Checking whether messages are coming to the mailbox.
Free shipping	Using boundary value analysis to verify the correctness of free shipping calculation.
Categories and subcategories	Using functional testing to verify the correct categorization of products.
Filtering and sorting	Verification of the functioning of brand or product filtering and sorting.
Blog	Reviewing the blog to find errors related to displaying text, graphics, or errors in writing.
Calendar releases	Functional testing of date selection and proper display of products.