**REPORT:** Software quality **AUTHOR:** Wiktoria Sapota

Title: Quality check for online shop

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System

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Operating System
Windows 10 Pro for Workstations 64-bit

CPU
Intel Xeon W 2235 @ 3.80GHz 36 °C Cascade Lake-W 14nm Technology

RAM
32,0GB Dual-Channel Unknown @ 1464MHz (21-21-21-47)

Motherboard
Dell Inc. 06JWJY (CPU0)

Graphics
24P1W1 (1920x1080@60Hz)
24P1W1 (1920x1080@60Hz)
24P1W1 (1920x1080@60Hz)
2047MB NVIDIA Quadro P400 (Dell) 43 °C CSTORAGE

476GB NVMe PM981a NVMe Sams (RAID (SSD))
3726GB TOSHIBA MG04ACA400NY (SATA) 42 °C CSTORAGE
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Browser: Google Chrome version 91.0.4472.164 (64-bit)

**Tested website:** https://nutridome.pl/

## Strengths of the project

All basic functionalities in online shop work, and potential clients can make a purchase now. The registration process, login, displaying of contents works correctly. Users can read and see a product and get comprehensive information about it. Products are grouped in the categories showing on the menu with the helpful rest subpages as "Special offer", "Pieces of advice", "Sets of products".

Website is created in minimalist style, and thanks to this, content is readable; the user doesn't overwhelm graphics and redundant descriptions. The interface is friendly and intuitive; it doesn't require spending a lot of time finding features that are interesting. Users can quickly add products to the basket and favorites and delete them. The ordering process runs without problems; a user must fill in necessary data only and can choose between several methods of payment. In store are available only safe and registered solutions. It's a crucial aspect for every potential client. The significant advantage is quickly working the page: loading content as descriptions, photos, and videos is current

(without delays). The website is correct to display on popular browsers, and the store has a dedicated app for mobile devices. Both on Android and iOS system application allows to register and place an order.

Area	works	doesn't works	to change
Functionalities	<ul> <li>registration process</li> <li>login</li> <li>password change</li> <li>displaying products</li> <li>correct display information about products from dropdown lists</li> <li>zoom-in products photos</li> <li>video displaying</li> <li>adding an opinion about products</li> <li>product filtering</li> <li>adding to card</li> <li>adding to Favorites</li> <li>recalculation of the basket after a rebate code or changing the number of ordered products</li> <li>payment handling</li> <li>order status and payment notifications</li> </ul>	• unsubscribed a product	
Usability	<ul> <li>clear menu with categories</li> <li>simply and transparent template</li> <li>limited amount of colors</li> <li>no unnecessary graphics</li> </ul>	•	form of displaying articles adding more languages version of the website
Content	<ul> <li>complete information in the basket summary (cost, delivery date)</li> <li>comprehensive information on support and customer service</li> <li>descriptions and official documents</li> </ul>	• out of date information about subscriptions in the faq	
Performance	<ul> <li>loading photos and graphics without delay</li> <li>refreshing count of orders position at the basket</li> </ul>		
Security	<ul><li>access control to account</li><li>online payment security preserved</li></ul>	•	form of password to an account

Compatibility	<ul><li>correct displaying on</li></ul>	
	popular browsers (Google	
	Chrome, Opera, Mozilla	
	Firefox)	
	■ presence of a mobile	
	application	

## **Elements to improve**

Because the website has the ability majority of features, the store may be in use now. However, is a few possibilities to encourage users to buy at Nutridome and made their presence there be pleasant.

First, attention refers to subscribing process. At FAQ on the website, users can read the information on how to modify and resign it but nowhere hasn't tick how a user can activate it. It's necessary to fill in or delete a subscription describe.

A user can subscribe to a newsletter by writing his own e-mail address at a special window. It would be good to improve to check the correctness process. Now, when a user won't write a domain (or will write it bad) site won't communicate this mistake. To a user's confidence, a good idea would be displaying information, e.x. "Bad e-mail address, please write it again".

During the test noticed a few aspects which can improve fall to the comfort of using usability. First is the form of communication with support. Now, a user must install or open a web version of Whatsapp. Taking into account published information about hacking attacks, maybe the better solution will be to use chat built-in on the page.

On one on the subpage are published articles connected with cosmetics and health thematic. Because is a lot of them and they're placed on the one-page user can scroll all to use the menu at the bottom. To increase users' comfortable worth considering adding the "page down" button to navigation or decreasing the number of articles on the page.

Tester has one suggestion for security issues. During creating an account, a user must create a password. Now, the system checks the only length of it, but to had better security, maybe the better solution will be adding requires refers to write numbers, high/low letters, and unique marks.

Because the shop can deliver an order beyond Poland, owners should consider the possibility to has more languages versions of the website.