**TEST REPORT**

Project: [www.bigfish.ro](http://www.bigfish.ro)

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Date: 27.07.2021

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**Objective**

Main objective of this testing session was to validate that the website can be used properly, efficiently and safe by customers in order to purchase fishing tools for different categories of fish. In this regard, the main functionalities were tested using various testing types and techniques.

**Product Description**

The focus of the testing effort was a Romanian E-commerce website, but with international distribution that has the purpose of facilitating the process of buying a wide variety of fishing tools and products by regular customers. The website can be accessed via https://bigfish.ro.

**Testing Period**

The site was tested between 21.06.2021 – 27.07.2021.

**Features/Functionalities tested**

|  |  |  |
| --- | --- | --- |
| Homepage | Autentificare | Security |
| Alege limba | Cont nou | Usability |
| Alege producator | Cosul meu | UI |
| Newsletter | Finalizare comanda | Connectivity |
| Wishlist | After order | Compatibility |
| produse crap | Profil si istoric |  |
| produse stationar | Cauta |  |
| produse rapitor | Contact |  |

**Test Environment**

* This testing session was performed on a laptop running Windows 10 Home and using mostly Microsoft Edge browser.
* The following browsers were used for cross browser testing:
* Mozilla Firefox;
* Chrome 85;
* Opera;
* Internet Explorer.

**Test Tools**

The following tools were use in this testing session:

* TestLink;
* Mantis Bug Tracker;
* Microsoft Office;
* Windows Snipping tool.

**Testing Types Used**

**Smoke Tests**

In order to assure product capacity to endure a complete testing procedure, the assessment of main functionalities degree of stability was top priority at the beginning of the testing period. In the absence of a requirements list, testing was performed based on previous experience and common sense. Smoke tests were also selected based on tester experience.

**Smoke suite includes 14 test cases that were executed with a pass rate of 100%.**

Main functionalities tested:

* Cont nou;
* Autentificare;
* Cosul meu;
* Finalizare comanda;
* Profil si istoric;
* produse stationar;
* Contact.

**Test Results**

A total of **142** **test cases** have been designed for this session and **142** (100%) were executed.

**Test metrics per functionality/feature**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Feature/Functionality** | **Total Nr. Of Tests** | Passed | Failed | Blocked | **Not Run** |
| Homepage | 15 | 15 | 0 | 0 | 0 |
| Alege producator | 3 | 2 | 1 | 0 | 0 |
| Newsletter | 4 | 3 | 1 | 0 | 0 |
| Localization | 10 | 10 | 0 | 0 | 0 |
| produse crap | 2 | 2 | 0 | 0 | 0 |
| produse stationar | 9 | 5 | 4 | 0 | 0 |
| produse rapitor | 2 | 2 | 0 | 0 | 0 |
| Finalizare comanda | 9 | 9 | 0 | 0 | 0 |
| Autentificare | 9 | 9 | 0 | 0 | 0 |
| Profil si istoric | 4 | 4 | 0 | 0 | 0 |
| Wishlist | 4 | 3 | 1 | 0 | 0 |
| Cosul meu | 13 | 11 | 2 | 0 | 0 |
| Cont nou | 30 | 13 | 17 | 0 | 0 |
| After order | 2 | 2 | 0 | 0 | 0 |
| Cauta | 7 | 6 | 1 | 0 | 0 |
| Contact | 2 | 1 | 1 | 0 | 0 |
| Security | 2 | 1 | 1 | 0 | 0 |
| Usability | 4 | 3 | 1 | 0 | 0 |
| UI | 5 | 0 | 5 | 0 | 0 |
| Recovery | 3 | 3 | 0 | 0 | 0 |
| Compatibility | 3 | 3 | 0 | 0 | 0 |

**Test rate per functionality/feature**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Feature/Functionality** | **Passed** | **Failed** | **Blocked** | **Not Run** |
| Homepage | 100% | 0 | 0 | 0 |
| Alege producator | 67% | 33% | 0 | 0 |
| Newsletter | 75% | 25% | 0 | 0 |
| Localization | 100% | 0 | 0 | 0 |
| produse crap | 100% | 0 | 0 | 0 |
| produse stationar | 56% | 44% | 0 | 0 |
| produse rapitor | 100% | 0 | 0 | 0 |
| Cont nou | 43% | 57% | 0 | 0 |
| Autentificare | 100% | 0 | 0 | 0 |
| Profil si istoric | 100% | 0 | 0 | 0 |
| Wishlist | 75% | 25% | 0 | 0 |
| Cosul meu | 85% | 15% | 0 | 0 |
| Finalizare comanda | 100% | 0 | 0 | 0 |
| After order | 100% | 0 | 0 | 0 |
| Cauta | 86% | 14% | 0 | 0 |
| Contact | 50% | 50% | 0 | 0 |
| Security | 50% | 50% | 0 | 0 |
| Usability | 75% | 25% | 0 | 0 |
| UI | 0 | 100% | 0 | 0 |
| Connectivity | 100% | 0 | 0 | 0 |
| Compatibility | 100% | 0 | 0 | 0 |

**Overall Metrics**

**Defect metrics**

|  |  |  |
| --- | --- | --- |
| ID | Severity | Summary |
| [33465](https://bugs.scoalainformala.ro/view.php?id=33465) | Major | [Cont nou] User can register without having the same password in “Parola” and “Confirma parola” fields |
| [33419](https://bugs.scoalainformala.ro/view.php?id=33419) | Normal | [Usability] Missing proper redirection between application pages |
| [33431](https://bugs.scoalainformala.ro/view.php?id=33431) | Normal | [Alege producator] “Cele mai vandute” option from dropdown list is not available |
| [33464](https://bugs.scoalainformala.ro/view.php?id=33464) | Normal | [Security] A strong password is not required while user is creating a new account |
| [33381](https://bugs.scoalainformala.ro/view.php?id=33381) | Normal | [Cont nou] Missing proper validation in “Cont nou” page for e-mail address |
| [33618](https://bugs.scoalainformala.ro/view.php?id=33618) | Normal | [Cosul meu] Missing proper validation for quantity field while updating with decimal value |
| [33696](https://bugs.scoalainformala.ro/view.php?id=33696) | Normal | [produse stationar] Missing confirmation message for adding a review for a specific product when English language is selected |
| [33463](https://bugs.scoalainformala.ro/view.php?id=33463) | Minor | [UI] Missing proper display for pop-up message while user hovers the cursor over “Parola” field |
| [33401](https://bugs.scoalainformala.ro/view.php?id=33401) | Minor | [UI] Missing zoom option for the map of the site |
| [33612](https://bugs.scoalainformala.ro/view.php?id=33612) | Minor | [UI] The content of the products is not properly displayed having duplications |
| [33390](https://bugs.scoalainformala.ro/view.php?id=33390) | Minor | [UI] The content of product in “Cosul meu” page is not properly adapted having overlaps |
| [33420](https://bugs.scoalainformala.ro/view.php?id=33420) | Minor | [UI] The application display does not fit the full screen |
| [33388](https://bugs.scoalainformala.ro/view.php?id=33388) | Minor | [Usability] Missing proper correlation between Facebook page and Main Page in order to purchase a product |
| [33466](https://bugs.scoalainformala.ro/view.php?id=33466) | Minor | [Newsletter] Language of the website is changing to Romanian without user command |
| [33605](https://bugs.scoalainformala.ro/view.php?id=33605) | Minor | [Wishlist] Missing proper confirmation message for product added to the cart from “Wishlist” page |
| [33727](https://bugs.scoalainformala.ro/view.php?id=33727) | Minor | [Cont nou] Missing proper validation for “Cod postal” field when the user creates a new account |
| [33751](https://bugs.scoalainformala.ro/view.php?id=33751) | Minor | [Cauta] User doesn’t receive a warning message when clicks on ”Cauta” loupe button without entering any keyword |
| [33694](https://bugs.scoalainformala.ro/view.php?id=33694) | Minor | [produse stationar] Even if English language is selected,”Adauga review” button is not written in English |
| [33695](https://bugs.scoalainformala.ro/view.php?id=33695) | Minor | [produse stationar] A not proper info message received by a logged out user after trying to make a review |
| [33620](https://bugs.scoalainformala.ro/view.php?id=33620) | Minor | [Cosul meu] Missing proper info message received when user reduce quantity of products |

Improvements:

|  |  |  |
| --- | --- | --- |
| [33619](https://bugs.scoalainformala.ro/view.php?id=33619) | Minor | [Finalizare comanda] Missing option for user to cancel the order |
| [33617](https://bugs.scoalainformala.ro/view.php?id=33617) | Minor | [Cosul meu] Missing info message to inform the user that is not possible to update quantity with negative numbers |

**Conclusions**

* A significant number of bugs were identified in “Cont nou” and “UI” functionalities. However, most of them are not major defects, therefore do not interfere with the correct functionality of the website;
* It would be recommended to fix at least the major and normal defects;
* From a user perspective, the website can be used for its intended purpose – user is able to create account, login, navigate the website, search for products, add them to cart and place an order. However, user experience is a mediocre one because the UI/UX elements are not properly developed being some small problems related to the display of content on certain pages and the lack of some information or warning messages in response to certain actions that the user makes browsing the site;
* I would recommend this website to be used as its major functions work good enough for user to fulfill the need of buying fishing tools and products online and does not raise any major security concerns.