Test Report

Project Name: **Mustash.ro**

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **E-commerce merchant, painting and crafting products retailer, with national shipping** | **20/10/2022 – 04/12/2022** | **1.1** | **05/12/2022** |
| Onclick functionality for main tabs |  |  |  |
| Registration, Login, My Account, Logout |  |  |  |
| Search functionality |  |  |  |
| Add to Cart & Shopping cart |  |  |  |
| Checkout |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Production | OS: Windows  Version: 10 Home |  |
| Opera Stable 108.0.5359.94 |  |
| Google Chrome 54.0.2840.71 |  |
| Microsoft Edge 107.0.1418.62 |  |
| Samsung Galaxy A13 Mobile Device  OS: Android 11.0  Samsung Internet 19.0.1.2 |  |

## Testing Team

| Role | Name | Comments (test effort h) |
| --- | --- | --- |
| Senior Tester | Horea-Calin Oana | 56 h |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Main Tabs | **5** | **5** | **0** | **0** | **0** |  |
| Account | **78** | **67** | **11** | **0** | **0** | **0045697, 0045701, 0045703, 0045706, 0045721, 0045726, 0045722, 0045723, 0045724, 0045742, 0045728** |
| Search functionality | **23** | **21** | **2** | **0** | **0** | **0045632, 0045639** |
| Add to Cart | **23** | **16** | **7** | **0** | **0** | **0045655, 0045656, 0045800, 0045662, 0045663, 0045680, 0045677** |
| Cart functionality | **8** | **7** | **1** | **0** | **0** | **0045690** |
| Checkout | **19** | **18** | **1** | **0** | **0** | **0045770** |
| Contact & Newsletters | **9** | **9** | **0** | **0** | **0** |  |
| Wishlist | **6** | **6** | **0** | **0** | **0** |  |
| **Overall Results** | **171** | **149** | **22** | **0** | **0** |  |

## Exploratory testing

| Functionality | Defects |
| --- | --- |
| My Account | 0045704 |
| Menu Bar |  |
| Main Menu |  |
| Add to Cart |  |
| Shopping Cart |  |
| Checkout | 0045843 |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| 0045706 | Account (Create new account): Use blank data on the “Parola” field | critical |
| 0045655 | Add to Cart: Input letters or combinations of letters and numbers in the quantity field | major |
| 0045656 | Add to Cart: Input a decimal number in the quantity field | major |
| 0045800 | Add to Cart: Use blank data on the quantity field | major |
| 0045690 | Cart functionality: Updating an item, that can be customized by the user | major |
| 0045770 | Checkout: Checkout without ticking the "Sunt de acord cu termenii si conditiile si cu politica de confidentialitate." | major |
| 0045662 | Add to Cart: Add an item, that can be customized by the user | normal |
| 0045663 | Add to Cart: Add an item, that can be customized by the user, by doing repetitive adding | normal |
| 0045680 | Add to Cart: Add more products than the available stock | normal |
| 0045677 | Add to Cart: Add two or more items, that can be customized by the user | normal |
| 0045701 | Account (Create new account): Use blank data on the “Prenume” field | normal |
| 0045703 | Account (Create new account): Use blank data on the “Nume de familie” field | normal |
| 0045721 | Account (Add new address): Use blank data on the “Adresa” field | normal |
| 0045726 | Account (Add new address): Use big data on the “Adresa” field | normal |
| 0045722 | Account (Add new address): Use blank data on the “Cod postal” field | normal |
| 0045723 | Account (Add new address): Use letters on the “Cod postal” field | normal |
| 0045724 | Account (Add new address): Use blank data on the “Localitate” field | normal |
| 0045728 | Account (Add new address): Use blank data on the “Telefon” field | normal |
| 0045742 | Account: Update the password using the actual one | normal |
| 0045632 | Search functionality: Sort by in stock | minor |
| 0045639 | Search functionality: Testing the search functionality using Drag and Drop function | minor |
| 0045697 | Account: Create new account using a different e-mail address than the one previously inserted | minor |
| 0045704 | Account (Create new account): Misspelling error | minor |
| 0045843 | Checkout (Create an account while placing an order): Password field is written in a different language | minor |

## 1.6. Validated bugs

No Bugs are validated.

## 1.7. Old bugs still open

There are no old bugs still open.

# Conclusions

Smoke Test Cases, for the main functionalities in a percent of 100% were executed, 90.87% passed and 9.13% failed.

A total number of 24 new bugs were identified, one was critical, five were major and the others were normal and minor. No bugs were validated.

Functional and Non-Functional testing were performed during the testing process.

Beside Smoke and Positive testing, other testing types were performed, such as: Exploratory, Compatibility, Negative, Recovery, UI, End to End and Usability. Testing techniques, such as Boundary Value Analysis (BVA) and Equivalence Class Partitioning (ECP), were also used to test the important input fields.

Exploratory testing was performed for important functionalities. A number of bugs were identified during exploratory testing. Most of the bugs were identified by Negative Testing.

Compatibility testing was also performed, for different browsers and devices. One bug, related to the search input field, found on Windows OS was not reproducing on android. There is also one improvement, related to the wishlist, that should be done for the android version of the webpage. One feature should be added to the search input field in order to improve the search process.

Due to the fact that the website offers only national delivery, Globalization testing was not possible to be performed.

Considering the number of bugs identified, on most of the important functionalities, the fixing of at least the critical and major severity bugs is recommended, although the application is already in production.