Test Report

Project Name: **Green Sugar**

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| <https://greensugar.ro/>  E-commerce Website | 2024.03.10 – 2024.03.26 | Build NatQA62 | 2024.03.27 |
| Main Page |  |  |  |
| Menu Tabs |  |  |  |
| Search Bar |  |  |  |
| Shopping Cart |  |  |  |
| Wishlist |  |  |  |
| My Account |  |  |  |
| Registration |  |  |  |
| Authentication |  |  |  |
| API Testing |  |  |  |
| Code Testing |  |  |  |
| UI Testing |  |  |  |
| Usability Testing |  |  |  |
| Compatibility Testing |  |  |  |
| Performance Testing |  |  |  |
| System Integration Testing |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
|  | **HP Pavilion**  O.S: Windows  Version: 10 Pro  Browser: Google Chrome 123.0.6312.58 |  |
|  | **HP Pavilion**  O.S: Windows  Version: 11  Browser: Firefox 124 & Opera 108 | BrowserStack tool |
| Production | **Samsung Galaxy 23**  O.S: Android  Version: 13  Browser: Edge 116 | BrowserStack tool |
|  | **Iphone 15**  O.S: iOS  Version: 17.1  Browser: Safari | BrowserStack tool |
|  | **Macintosh**  O.S: MacOS  Version: Sonoma  Browser Safari 17.3 | BrowserStack tool |

## Executed Test Cases

| Functional Testing | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Main Page | 5 | 5 | 0 | 0 | 0 |  |
| Menu Tabs | 2 | 2 | 0 | 0 | 0 |  |
| Search Bar | 5 | 4 | 1 | 0 | 0 | [0057248](https://bugs.scoalainformala.ro/view.php?id=57248) |
| Shopping Cart | 10 | 8 | 2 | 0 | 0 | [0057249](https://bugs.scoalainformala.ro/view.php?id=57249) ; [0057278](https://bugs.scoalainformala.ro/view.php?id=57278) |
| Wishlist | 4 | 3 | 1 | 0 | 0 | [0057247](https://bugs.scoalainformala.ro/view.php?id=57247) |
| My Account | 4 | 3 | 1 | 0 | 0 | [0057242](https://bugs.scoalainformala.ro/view.php?id=57242) |
| Registration | 3 | 3 | 0 | 0 | 0 |  |
| Authentication | 3 | 3 | 0 | 0 | 0 |  |
| Account Details | 4 | 1 | 3 | 0 | 0 | [0057243](https://bugs.scoalainformala.ro/view.php?id=57243); [0057244](https://bugs.scoalainformala.ro/view.php?id=57244); [0057245](https://bugs.scoalainformala.ro/view.php?id=57245) |
| Addresses | 3 | 2 | 1 | 0 | 0 | [0057246](https://bugs.scoalainformala.ro/view.php?id=57246) |
| API Testing | 2 | 2 | 0 | 0 | 0 |  |
| Non-Functional Testing | Total | Pass | Failed | Blocked | Not Run | Defects |
| Code Testing | 2 | 1 | 0 | 1 | 0 | [0057299](https://bugs.scoalainformala.ro/view.php?id=57299) |
| UI Testing | 6 | 2 | 4 | 0 | 0 | [0057288](https://bugs.scoalainformala.ro/view.php?id=57288);[0057292](https://bugs.scoalainformala.ro/view.php?id=57292); [0057293](https://bugs.scoalainformala.ro/view.php?id=57293);[0057296](https://bugs.scoalainformala.ro/view.php?id=57296) |
| Security Testing | 2 | 2 | 0 | 0 | 0 |  |
| Usability Testing | 7 | 4 | 4 | 0 | 0 | [0057281](https://bugs.scoalainformala.ro/view.php?id=57281); [0057282](https://bugs.scoalainformala.ro/view.php?id=57282); [0057285](https://bugs.scoalainformala.ro/view.php?id=57285); [0057298](https://bugs.scoalainformala.ro/view.php?id=57298) |
| Compatibility Testing | 5 | 5 | 0 | 0 | 0 |  |
| Performance Testing | 1 | 1 | 0 | 0 | 0 |  |
| System IntegrationTesting | 1 | 1 | 0 | 0 | 0 |  |
| **Overall Results** | 71 | 53 | 17 | 1 | 0 |  |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| [0057242](https://bugs.scoalainformala.ro/view.php?id=57242) | Main Tab: "Contul Meu" button from the menu is not working properly | normal |
| [0057243](https://bugs.scoalainformala.ro/view.php?id=57243) | My Account : The First Name field allows entering all types of characters | normal |
| [0057244](https://bugs.scoalainformala.ro/view.php?id=57244) | My Account : The Last Name field allows entering all types of characters | normal |
| [0057245](https://bugs.scoalainformala.ro/view.php?id=57245) | My Account : The customer's name can be saved even with a single character entered | normal |
| [0057246](https://bugs.scoalainformala.ro/view.php?id=57246) | Adress: More than 6 digits can be inserted on the Postal Code field | normal |
| [0057247](https://bugs.scoalainformala.ro/view.php?id=57247) | Wishlist: Not all products from the website can be added to the wishlist | minor |
| [0057248](https://bugs.scoalainformala.ro/view.php?id=57248) | Search Bar: The products cannot be found by their code found in their description | normal |
| [0057249](https://bugs.scoalainformala.ro/view.php?id=57249) | Shopping Cart: The quantity of a product can be multiplied an enormous number of times | major |
| [0057278](https://bugs.scoalainformala.ro/view.php?id=57278) | Shopping Cart: The 5% discount code applies to all products | major |
| [0057281](https://bugs.scoalainformala.ro/view.php?id=57281) | Usability Test : The "back to top" button is not functional | normal |
| [0057285](https://bugs.scoalainformala.ro/view.php?id=57285) | Usability Test : The GRID and LIST buttons from display of products are not functional | normal |
| [0057296](https://bugs.scoalainformala.ro/view.php?id=57296) | UI Test: The body of the page changes, when the shopping cart button has more than 9 items in it. | major |
| [0057298](https://bugs.scoalainformala.ro/view.php?id=57298) | Usability Test : The sorting function is not working | normal |
| [0057299](https://bugs.scoalainformala.ro/view.php?id=57299) | Code Test: A fatal error is detected in the html code. | blocker |

## Improvements

| Defect ID | Defect summary | Status |
| --- | --- | --- |
| [0057282](https://bugs.scoalainformala.ro/view.php?id=57282) | Usabilty Test: The STORE button is not inserted anywhere on the website | normal |
| [0057288](https://bugs.scoalainformala.ro/view.php?id=57288) | UI Test: Favorites button should be displayed on the Main Page | minor |
| [0057292](https://bugs.scoalainformala.ro/view.php?id=57292) | UI Test: The description of a product is not fully visible | minor |
| [0057293](https://bugs.scoalainformala.ro/view.php?id=57293) | UI Test: The image of the products does not retain its clarity | minor |

## Validated bugs

No Bugs are validated.

## Old bugs still open

There are no old bugs still open.

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Junior Tester | Haidiner Roxana Maria | 80-90 h |

## Conclusions

Manual testing was applied to this application, was difficult to cover many test cases because there is a large number of scenarios for each feature. The most important ones were covered by test cases.

Smoke Test Cases, for the main functionalities in a percent of 100% were executed, only 1 test failed. The failed test case are related to the My Account button.

A total number of 18 new bugs were identified, 4 was minor, 10 of them were identified as normal severity, 3 major and 1 blocker.

In addition to Smoke testing, testing types such as: Functional Testing, Exploratory, Compatibility, Negative, UI, Usability, were covered.

Exploratory testing was performed for important functionalities. A large number of bugs were identified during exploratory testing, most of them related to the Shopping Cart, but also for other functionalities.

Most of the improvements were identified by Usability Testing.

In terms of functionality, both functional and non-functional testing types were used. The functional testing covered test cases for the main features and the non-functional testing covered test cases that focused on Security, UI, Usability,Code, System Integration and Compatibility Testing.

Improvements were also tracked. There are 4 improvements in total, out of which 75% are minor and the rest of 25% are normal.

Compatibility testing was also performed, for different browsers and devices. The bugs reproduce on all browsers. In addition to the bugs identified on Windows OS, and MacOS that also reproduce on Android and IOS.

Manual testing is an important step in ensuring the quality and functionality of a software system ,helps improve the quality, reliability, and user satisfaction of the software application before its release.

Considering with the application already being in production it is a priority to fix the major and the normal severity bugs and implement the suggested improvements. Although the minor severity bugs do not have such a big impact on the user.