Test Report

Project Name: www.osushi.ro

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **Online store for sushi restaurant** | **2022.11.10 – 2023.02.05** | **1.0** | **-** |
| New account |  |  |  |
| Login |  |  |  |
| Search |  |  |  |
| Add to cart |  |  |  |
| Cart |  |  |  |
| Wishlist |  |  |  |
| Checkout |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Production | OS:Windows  Version 7  Mobile phone Android 13 |  |
| Google Chrome Version 109.0.5414.120 (Official Build) (64-bit)  Microsoft Edge Version  109.9.1518.78 (Official build) (64-bit) |  |

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Tester | Catalina Georgia Iacob | 80 h |

# Test Results

## Executed Test Cases

| **Feature** | **Total** | **Pass** | **Failed** | **Blocked** | **Not Run** | **Defects** |
| --- | --- | --- | --- | --- | --- | --- |
| New account | 3 | 2 | 1 | 0 | 0 | [47626](https://bugs.scoalainformala.ro/view.php?id=47626) |
| Login | 6 | 6 | 0 | 0 | 0 |  |
| Search | 4 | 3 | 1 | 0 | 0 | [47628](https://bugs.scoalainformala.ro/view.php?id=47628) |
| Add to Cart | 5 | 4 | 1 | 0 | 0 | [47663](https://bugs.scoalainformala.ro/view.php?id=47663) |
| Cart | 9 | 8 | 1 | 0 | 0 | [47675](https://bugs.scoalainformala.ro/view.php?id=47675) |
| Wish list | 3 | 2 | 1 | 0 | 0 | [47630](https://bugs.scoalainformala.ro/view.php?id=47630) |
| Checkout | 4 | 4 | 0 | 0 | 0 | [47632](https://bugs.scoalainformala.ro/view.php?id=47632) |
| **Overall Results** | **34** | **29** | **5** | **0** | **0** | **6** |

## 4. Exploratory testing

| Functionality | Defects |
| --- | --- |
| Checkout | [47632](https://bugs.scoalainformala.ro/view.php?id=47632) |
| Home page | [47734](https://bugs.scoalainformala.ro/view.php?id=47734), [47735](https://bugs.scoalainformala.ro/view.php?id=47735) |
| Add to cart | [47738](https://bugs.scoalainformala.ro/view.php?id=47738) |
| Cart | [47736](https://bugs.scoalainformala.ro/view.php?id=47736) |
| Non functional security testing | [47737](https://bugs.scoalainformala.ro/view.php?id=47737) |

# Defects

## New defects

| Defect ID | Defect summary | Platform | Severity |
| --- | --- | --- | --- |
| [47737](https://bugs.scoalainformala.ro/view.php?id=47737) | Invalid security certificate | **Chrome** | **major** |
| [47628](https://bugs.scoalainformala.ro/view.php?id=47628) | Search field from homepage does not work | **Chrome** | **major** |
| [47626](https://bugs.scoalainformala.ro/view.php?id=47626) | New account can be created with invalid data | **Chrome** | **normal** |
| [47663](https://bugs.scoalainformala.ro/view.php?id=47663) | An item is added to the cart when entering decimal quantity | **Chrome** | **minor** |
| [47675](https://bugs.scoalainformala.ro/view.php?id=47675) | Item incorrectly removed from the cart | **Chrome** | **minor** |
| [47630](https://bugs.scoalainformala.ro/view.php?id=47630) | Wish list is updated if the user is not logged in | **Chrome** | **minor** |
| [47632](https://bugs.scoalainformala.ro/view.php?id=47632) | Spelling error on the "Checkout" page | **Chrome** | **minor** |
| [47738](https://bugs.scoalainformala.ro/view.php?id=47738) | The detailed page on an item is not responsive to any commands | **Android** | **major** |
| [47735](https://bugs.scoalainformala.ro/view.php?id=47735) | "Comanda acum" link is broken | **Android** | **normal** |
| [47736](https://bugs.scoalainformala.ro/view.php?id=47736) | Quantity field value not visible | **Android** | **normal** |
| [47734](https://bugs.scoalainformala.ro/view.php?id=47734) | Search icon unavailabele on homepage | **Android** | **minor** |

Conclusions

Smoke Test Cases, for the main functionalities in a percent of 100% were executed, 82.46% passed and 17.54% failed.

A total number of 11 new bugs were identified: three was identified with major severity, three with normal severity and five of them with minor severity.

In addition to Smoke and Positive testing, testing types such as: Functional, Non-functional, Exploratory, Negative, UI and Security Testing were performed.

Exploratory testing was performed for important functionalities. Some important bugs were identified during exploratory testing when the website was loaded on a mobile phone. One of them is major , two are normal and one minor. Most of them are related to the home page and they affect some main functionality.

Most of the bugs were identified by negative and exploratory testing.

Compatibility testing was also performed, for different browsers and mobile devices. In addition to the bugs identified on Windows OS, some significant bugs related to item search and add to cart functionalities were identified.

As for non-functional testing, security tests were performed, and a major security flaw was detected. The website doesn’t support secure http connections (https), as their certificate seems to be self-signed and also expired.

Seeing as the major functionalities of the application are not working proprely on mobile devices at least, and also considering that the http connection is not secure, and users are entering sensitive and/or personal information on the website, we think that this version is not production ready.

In order for the service to go into production, we recommmend immediate fixes of the security issues (new certificate from a regulated ceritifcate authority) and the fixes for mobile devices responsivness be implented.

The other major defects found, esspecialy those related to the search functionality, which impacts user experience in a negative way, can go into production, but we recommend fixing them as soon as possible.