Test Report

Project Name: **Blue-Tomato E-Commerce**

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Table of Contents

Testing Scope 4

1.1. Test Environment 4

1.2. Testing Team 4

Test Results 5

1.3. Executed Test Cases 5

1.4. Exploratory testing 5

Defects 6

1.5. New defects 6

1.6. Validated bugs 7

1.7. Old bugs still open 7

Conclusions 8

# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **E-commerce merchant,** | **25.07.2022-**  **14.08.2022** | **1.1** | **15.08.2022** |
| Main functionalities: |  |  |  |
| Categories  Registration, Login, Logout  Basket |  |  |  |
| Secondary functionalities: |  |  |  |
| Filter & Sort  Search  Chat |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Laptop | OS: Windows 10Home  Version 21H2 |  |
| Google Chrome 104.0.5112.80 |  |
| Smartphone | OS: Android 11RKQ1;  MI9T Build |  |
| Google Chrome 103.0.5060.71 |  |

## Testing Team

| Role | Name | Comments (e.g.: test effort h) |
| --- | --- | --- |
| Junior Tester | Eduard Andrei Saulescu | 30 h |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Main Page | 6 | 6 | 0 | 0 | 0 |  |
| Register | 1 | 1 | 0 | 0 | 0 |  |
| Login/ Logout | 2 | 2 | 0 | 0 | 0 |  |
| My Account | 1 | 0 | 1 | 0 | 0 | [0043003](https://bugs.scoalainformala.ro/view.php?id=43003) |
| Product Page | 3 | 3 | 0 | 0 | 0 |  |
| Basket | 3 | 3 | 0 | 0 | 0 |  |
| Checkout | 1 | 1 | 0 | 0 | 0 |  |
| **Overall Results** | **17** | **16** | **1** | **0** | **0** | **1** |

## Exploratory testing

| Functionality | Defects |
| --- | --- |
| 1st Tier Categories | [0043030](https://bugs.scoalainformala.ro/view.php?id=43030), [0042968](https://bugs.scoalainformala.ro/view.php?id=42968) |
| 2nd Tier Categories + Filter/Sort | [0042974](https://bugs.scoalainformala.ro/view.php?id=42974), [0042989](https://bugs.scoalainformala.ro/view.php?id=42989), [0042994](https://bugs.scoalainformala.ro/view.php?id=42994), [0042989](https://bugs.scoalainformala.ro/view.php?id=42989), 0042975, [0042992](https://bugs.scoalainformala.ro/view.php?id=42992) |
| Rental page | [0043056](https://bugs.scoalainformala.ro/view.php?id=43056), [0043026](https://bugs.scoalainformala.ro/view.php?id=43026), [0043059](https://bugs.scoalainformala.ro/view.php?id=43059), 0043057, [0043018](https://bugs.scoalainformala.ro/view.php?id=43018), [0043019](https://bugs.scoalainformala.ro/view.php?id=43019) |
| My account (Login/Logout/Track Order/ Returns/Register) | 0042997, [0042995](https://bugs.scoalainformala.ro/view.php?id=42995), [0042998](https://bugs.scoalainformala.ro/view.php?id=42998), [0043005](https://bugs.scoalainformala.ro/view.php?id=43005), [0043008](https://bugs.scoalainformala.ro/view.php?id=43008), [0043011](https://bugs.scoalainformala.ro/view.php?id=43011), [0043013](https://bugs.scoalainformala.ro/view.php?id=43013), [0043049](https://bugs.scoalainformala.ro/view.php?id=43049) |
| Wishlist/ Search bar/ Chat |  |
| Basket (Checkout/Quantity/Sum/Add/Delete) | [0043034](https://bugs.scoalainformala.ro/view.php?id=43034) |
| Payment Methods/Delivery Options/Social media |  |
| Central Service/ Service & Support/Newsletter |  |
| Choose Country/ Our Shops/Service &Help / BlueWorld | [0042976](https://bugs.scoalainformala.ro/view.php?id=42976), [0042978](https://bugs.scoalainformala.ro/view.php?id=42978), [0042979](https://bugs.scoalainformala.ro/view.php?id=42979), [0043031](https://bugs.scoalainformala.ro/view.php?id=43031), [0042977](https://bugs.scoalainformala.ro/view.php?id=42977) |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| [0043056](https://bugs.scoalainformala.ro/view.php?id=43056) | [Rental page]: Server Error (500) - Rental period - No start date | **blocker** |
| [0043026](https://bugs.scoalainformala.ro/view.php?id=43026) | [Rental page]: Server Error (502) - Rental period | **blocker** |
| [0043059](https://bugs.scoalainformala.ro/view.php?id=43059) | [Rental page]: Filters not working | **critical** |
| [0043057](https://bugs.scoalainformala.ro/view.php?id=43057) | [Rental page]: User data no length limits | **critical** |
| [0043034](https://bugs.scoalainformala.ro/view.php?id=43034) | [Basket]: More products than allowed | **critical** |
| [0043018](https://bugs.scoalainformala.ro/view.php?id=43018) | [Rental page]: Wrong language | **major** |
| [0043013](https://bugs.scoalainformala.ro/view.php?id=43013) | [My account]: Different error message for invalid email | **major** |
| [0043011](https://bugs.scoalainformala.ro/view.php?id=43011) | [My account]: Same error shown multiple times | **major** |
| [0043008](https://bugs.scoalainformala.ro/view.php?id=43008) | [My account]: Phone number with letters | **major** |
| [0043005](https://bugs.scoalainformala.ro/view.php?id=43005) | [My account]: Birth date in future | **major** |
| [0043003](https://bugs.scoalainformala.ro/view.php?id=43003) | [My account]: First name not updating | **major** |
| [0042998](https://bugs.scoalainformala.ro/view.php?id=42998) | [My Account]: Programming language when mouse hover My Account | **major** |
| [0042995](https://bugs.scoalainformala.ro/view.php?id=42995) | [Registration]: Very long user name offsets account navigation bar | **major** |
| 0042997 | [Registration]: 200 characters name results in 404 Not Found | **major** |
| [0042992](https://bugs.scoalainformala.ro/view.php?id=42992) | [Filter]: Black filter shows another colour product | **major** |
| [0042977](https://bugs.scoalainformala.ro/view.php?id=42977) | [Help]: Feedback form can't be sent | **major** |
| [0042975](https://bugs.scoalainformala.ro/view.php?id=42975) | [Filter]: On stock filter doesn't working correctly | **major** |
| [0043049](https://bugs.scoalainformala.ro/view.php?id=43049) | [Log Out]: Name remains after auto-logout | **normal** |
| [0043031](https://bugs.scoalainformala.ro/view.php?id=43031) | [Our Shops]: Graphical error for map visualization | **normal** |
| [0043019](https://bugs.scoalainformala.ro/view.php?id=43019) | [Rental page]: Not understandable error message | **normal** |
| [0042994](https://bugs.scoalainformala.ro/view.php?id=42994) | [Filter]: Not camo product in camo category | **normal** |
| [[0042993](https://bugs.scoalainformala.ro/view.php?id=42993)](https://bugs.scoalainformala.ro/view.php?id=42994) | [Main Categories]: Categories with empty spaces between products | **normal** |
| [0042989](https://bugs.scoalainformala.ro/view.php?id=42989) | [Filter]: Filter on price result in 404 Not found | **normal** |
| [0042974](https://bugs.scoalainformala.ro/view.php?id=42974) | [Sort by]: Bestsellers sort doesn't give the same output | **normal** |
| [0042968](https://bugs.scoalainformala.ro/view.php?id=42968) | [Main Categories]: MEN category remains visibly active | **normal** |
| [0043030](https://bugs.scoalainformala.ro/view.php?id=43030) | [Product page]: Mismatch details for Men/Unisex | **minor** |
| [0042979](https://bugs.scoalainformala.ro/view.php?id=42979) | [Choose Country]: Jersey and Guernsey misclassification | **minor** |
| [0042978](https://bugs.scoalainformala.ro/view.php?id=42978) | [Choose Country]: Missing flag for Canary Island and Ceuta | **minor** |
| [0042976](https://bugs.scoalainformala.ro/view.php?id=42976) | [Help]: Link to BillPay from Legal Notice doesn't working | **minor** |

## Validated bugs

No Bugs are validated.

## Old bugs still open

There are no old bugs still open.

# Conclusions

Smoke Test Cases, for the critical functionalities in a percent of 100% were executed, 94.12% passed and 5.88% failed. One bug was found which is related to Account Details.

From a total of 30 bugs found, 29 were found during Exploratory Test. Exploratory Test was executed in 1h sessions, resulting in 11 hours of testing. For Exploratory a combination of Negative and Positive scenarios were used.

Most of the bugs are major and normal Severity, 3 of them are Critical and 2 Blocker. The rental page, a secondary functionality, has most Critical and Blocker bugs.

The rental page has very low UX, very bad English and fatal crashes (500, 502 Server issues). This page needs urgent focus on fixing the bugs. This will not have a major impact on the overall result because it’s a secondary functionality and another webpage.

Beside Exploratory and Smoke, 1hr of GUI testing and Non-Functional Testing: Compatibility and Localization testing were performed.

The main website has a lot of functionalities, the UX is very good and all the main functionalities are working well. The bugs are not impacting the overall end-to-end functionalities but to have a better experience needs to be fixed with normal to lower priority.