Test Report

Project Name: **Darwin.md**

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **E-commerce merchant, tech retailer, with national delivery** | **2023.06.01 – 2023.06.31** | **1.0** | **2023.06.19** |
| Search |  |  |  |
| Product comparison |  |  |  |
| Favourites |  |  |  |
| Cart |  |  |  |
| Checkout |  |  |  |
| Account |  |  |  |
| Additional Information |  |  |  |
| Customer Support |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Production | OS:Windows  Version 10 Pro |  |
| Microsoft Edge 114.0.1823.51 |  |
| Google Chrome 114.0.5736.134 |  |
| Pixel 7 Mobile device  OS: Android 13  Google Chrome 114.0.5736.134 |  |

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Trainee | Vutcariov Anastasia | 60 h |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Search | 2 | 2 | 0 | 0 | 0 | 0 |
| Favourites | 2 | 2 | 0 | 0 | 0 | 0 |
| Cart | 7 | 6 | 1 | 0 | 0 | [0052028](https://bugs.scoalainformala.ro/view.php?id=52028) |
| Checkout | 2 | 1 | 1 | 0 | 0 | [0052323](https://bugs.scoalainformala.ro/view.php?id=52323) |
| Account | 10 | 7 | 3 | 0 | 0 | [0052320](https://bugs.scoalainformala.ro/view.php?id=52320) [0052319](https://bugs.scoalainformala.ro/view.php?id=52319)  [0052321](https://bugs.scoalainformala.ro/view.php?id=52321) |
| **Overall Results** | **23** | **18** | **5** | **0** | **0** | **5** |

## Exploratory testing

| Functionality | Defects |
| --- | --- |
| My Account |  |
| Search |  |
| Add to favourites |  |
| Remove from favourites |  |
| View favourites items | [0052036](https://bugs.scoalainformala.ro/view.php?id=52036) |
| Add to Cart | [0052035](https://bugs.scoalainformala.ro/view.php?id=52035) , [0052037](https://bugs.scoalainformala.ro/view.php?id=52037) |
| Modify product quantity | [0052032](https://bugs.scoalainformala.ro/view.php?id=52032) , [0052034](https://bugs.scoalainformala.ro/view.php?id=52034) , |
| Remove from Cart | [0052030](https://bugs.scoalainformala.ro/view.php?id=52030) |
| View Cart | [0052028](https://bugs.scoalainformala.ro/view.php?id=52028) |
| Order calculations |  |
| Login | [0052321](https://bugs.scoalainformala.ro/view.php?id=52321) |
| Logout |  |
| Checkout | [0052323](https://bugs.scoalainformala.ro/view.php?id=52323) |
| Register | [0052320](https://bugs.scoalainformala.ro/view.php?id=52320) [0052319](https://bugs.scoalainformala.ro/view.php?id=52319) |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| [0052028](https://bugs.scoalainformala.ro/view.php?id=52028) | Shopping Cart: Go to cart button is not clickable | **minor** |
| [0052030](https://bugs.scoalainformala.ro/view.php?id=52030) | Shopping Cart: No confirmation for the remove from cart operation | **minor** |
| [0052032](https://bugs.scoalainformala.ro/view.php?id=52032) | Shopping Cart: Fast Click on increase quantity button lags | **normal** |
| [0052034](https://bugs.scoalainformala.ro/view.php?id=52034) | Shopping Cart: Decreasing quantity from 1 to 0 does not work | **minor** |
| [0052035](https://bugs.scoalainformala.ro/view.php?id=52035) | Shopping Cart: Clicking twice on the add to cart button adds then removes the item from the cart | **minor** |
| [0052036](https://bugs.scoalainformala.ro/view.php?id=52036) | Favourites List: UI rendering issues on the favourites page | **normal** |
| [0052037](https://bugs.scoalainformala.ro/view.php?id=52037) | Notification: UI alerts are missing on smartphones | **minor** |
| [0052319](https://bugs.scoalainformala.ro/view.php?id=52319) | My account: Registration by phone number is unavailable on Google Chrome browser | **major** |
| [0052320](https://bugs.scoalainformala.ro/view.php?id=52320) | My account: Registration of anew user via Facebook is not working | **major** |
| [0052321](https://bugs.scoalainformala.ro/view.php?id=52321) | My account: Login via Facebook account doesn’t work | **major** |
| [0052323](https://bugs.scoalainformala.ro/view.php?id=52323) | Checkout: Check out items in cart when user is logged in fails | **critical** |

## Validated bugs

No Bugs are validated.

## 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, 78.3% passed and 21.7% failed. The failed test cases are related to the Cart functionality.

A total number of 11 new bugs were identified, half of them were identified as minor severity,1 of them was identified as critical severity, 3 – major severity and 2 – normal severity. No bugs were validated.

In addition to Smoke and Positive testing, testing types such as: Exploratory, Compatibility, Positive, UI, Usability, were covered.

Smoke testing was performed for important functionalities. A large number of bugs were identified during exploratory testing.

Most of the bugs were identified by Positive Testing.

Compatibility testing was also performed, for different browsers and devices. The bugs reproduce not on all browsers. In addition to the bugs identified on Windows OS, that also reproduce on Android, the critical bug related to the Checkout was identified on MAC OS.

Considering the number of high severity bugs identified, on all important functionalities, the fixing critical bug is mandatory, although the application is already in production.