Test Report

Project Name: **Fat Brain Toys**

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **E-commerce merchant, toys retailer, with international delivery** | **2016.10.10 – 2016.10.31** | **1.1** | **02.11.2016** |
| Onclick functionality for main tabs |  |  |  |
| Registration, Login, Logout |  |  |  |
| Add to Cart |  |  |  |
| Shopping cart |  |  |  |
| Checkout |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Production | OS:Windows  Version 8.1 Pro |  |
| Mozilla Firefox 49.0.2 |  |
| Google Chrome 54.0.2840.71 |  |
| MS Internet Explorer 11.0.7 |  |
| Moto G Mobile Device  OS: Android 5.1  CM Browser 5.20.66 |  |

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Senior Tester | Loredana Tighineanu | 60 h |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Main Tabs | 1 | 1 | 0 | 0 | 0 |  |
| My Account | 3 | 3 | 0 | 0 | 0 | [0007094](http://bugs.scoalainformala.ro/view.php?id=7094) |
| Search | 2 | 2 | 0 | 0 | 0 |  |
| Add to Cart | 2 | 1 | 1 | 0 | 0 | [0006853](http://bugs.scoalainformala.ro/view.php?id=6853) |
| Shopping Cart | 9 | 8 | 1 | 0 | 0 | [0006858](http://bugs.scoalainformala.ro/view.php?id=6858) |
| Checkout | 4 | 4 | 0 | 0 | 0 |  |
| **Overall Results** | **21** | **19** | **2** | **0** | **0** | **3** |

## Exploratory testing

| Functionality | Defects |
| --- | --- |
| My Account | [0006869](http://bugs.scoalainformala.ro/view.php?id=6869), [0007096](http://bugs.scoalainformala.ro/view.php?id=7096) |
| Search Bar |  |
| Name Store | [0006862](http://bugs.scoalainformala.ro/view.php?id=6862), [0006861](http://bugs.scoalainformala.ro/view.php?id=6861), [0006863](http://bugs.scoalainformala.ro/view.php?id=6863) |
| Gift Bot |  |
| Invented Here | [0006860](http://bugs.scoalainformala.ro/view.php?id=6860) |
| Add to Cart | [0006859](http://bugs.scoalainformala.ro/view.php?id=6859) |
| Birthday Club |  |
| Shopping Cart | [0006856](http://bugs.scoalainformala.ro/view.php?id=6856), [0006855](http://bugs.scoalainformala.ro/view.php?id=6855), [0006854](http://bugs.scoalainformala.ro/view.php?id=6854), [0006852](http://bugs.scoalainformala.ro/view.php?id=6852), [0006851](http://bugs.scoalainformala.ro/view.php?id=6851) |
| Shipping Costs Estimation |  |
| Checkout | [0006864](http://bugs.scoalainformala.ro/view.php?id=6864), [0006865](http://bugs.scoalainformala.ro/view.php?id=6865), [0006866](http://bugs.scoalainformala.ro/view.php?id=6866), [0006868](http://bugs.scoalainformala.ro/view.php?id=6868) |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| [0006851](http://bugs.scoalainformala.ro/view.php?id=6851) | Shopping Cart: Incorrect Items Counting | **major** |
| [0006853](http://bugs.scoalainformala.ro/view.php?id=6853) | Shopping Cart: Identical Items Appear on Distinct Positions | **major** |
| [0006854](http://bugs.scoalainformala.ro/view.php?id=6854) | Shopping Cart: Exceeding Stock Availability is Allowed | **major** |
| [0006855](http://bugs.scoalainformala.ro/view.php?id=6855) | Shopping Cart: Price Updates for Big Data | **major** |
| [0006856](http://bugs.scoalainformala.ro/view.php?id=6856) | Shopping Cart: Incorrect Price | **major** |
| [0006858](http://bugs.scoalainformala.ro/view.php?id=6858) | Shopping Cart: No Confirmation Message for Empty Cart | **major** |
| [0006859](http://bugs.scoalainformala.ro/view.php?id=6859) | Add To Cart: No Validation on Input for Quantity | **major** |
| [0006862](http://bugs.scoalainformala.ro/view.php?id=6862) | Name Store: Change Typeface for Blocks Improper Result | **major** |
| [0006864](http://bugs.scoalainformala.ro/view.php?id=6864) | Checkout: Checkout Permitted for Out of Stock Quantity | **major** |
| [0006870](http://bugs.scoalainformala.ro/view.php?id=6870) | Mobile Device: Shopping Cart: Remove Button Missing | **major** |
| [0006852](http://bugs.scoalainformala.ro/view.php?id=6852) | Shopping Cart: Estimate Arrival on a Past Date | normal |
| [0006860](http://bugs.scoalainformala.ro/view.php?id=6860) | Invented Here: Sort By Doesn't Work For Filters | normal |
| [0006861](http://bugs.scoalainformala.ro/view.php?id=6861) | Name Store: Blank Entry Generates Results | normal |
| [0006863](http://bugs.scoalainformala.ro/view.php?id=6863) | Name Store: Missing Error Message for Special Characters | normal |
| [0006865](http://bugs.scoalainformala.ro/view.php?id=6865) | Checkout: No Name Validation | normal |
| [0006866](http://bugs.scoalainformala.ro/view.php?id=6866) | Checkout: Invalid Shipping Address Accepted | normal |
| [0006868](http://bugs.scoalainformala.ro/view.php?id=6868) | Standard Guest Checkout: User Can Jump to Last Step | normal |
| [0006869](http://bugs.scoalainformala.ro/view.php?id=6869) | My Account: Invalid Registration Data Allowed | normal |
| [0007094](http://bugs.scoalainformala.ro/view.php?id=7094) | My Account: Login Button Not Visible Enough | normal |
| [0007096](http://bugs.scoalainformala.ro/view.php?id=7096) | My Account: Invalid Birthday in Birthday Club | normal |

## 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, 90.5% passed and 9.5% failed. The failed test cases are related to the Cart functionality.

A total number of 20 new bugs were identified, half of them were identified as major severity, the other half as normal severity. No bugs were validated.

In addition to Smoke and Positive 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, 9 of them are major, most of them related to the Shopping Cart, but also for other functionalities.

Most of the bugs were identified by Negative Testing.

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, that also reproduce on Android, 1 new major bug related to the Shopping Cart was identified on the mobile device.

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