

Thomann.ro – Test report

Overall Status: **Closed**

Project Name: Thomann.ro

Testing team Roxana Barna

Role Junior Tester

General information. Testing Scope

Start Date **January 2021**. End Date **March 2021**

Testing scope

The product on which tests have been conducted is the web application www.thomann.ro.

The scope of this testing project is to check out if the main functionalities of the web application are working accordingly. The main functionalities have been set to: Account, "Lista de dorinte", "Cosul de cumpărături", "Homepage".

System overview. Test environment

Tools X-mind, Test-link, Test&Feedback – chrome extension, Visual Studio Code, Cypress, ScreenToGif, Cross-Browser Testing Tool – chrome extension, Heurio – chrome extension, Mantis-Bug tracker, Postman, Apptim

Test environment OS – Windows 10 Home; BUILD - 19042.867

Device specification

Processor Intel(R) Core(TM) i7-6500U CPU @ 2.50GHz 2.59 GHz

Installed RAM 8.00 GB (7.80 GB usable)

System type 64-bit operating system, x64-based processor

Browsers: Chrome Version 89.0.4389.90 (Official Build) (64-bit)

SMOKE testing Manual and Automation

TEST CASES Status Code

● PASS	● NOT RUN	M MANUAL
● BLOCKED	● FAILED	A AUTOMATED

ACCOUNT icon (Click/Hover)

●	M	Test Case naqa6-454: Create account with valid information (email, name, surname, address, zip code, city, country)
●	M	Test Case naqa6-623: Activate account and set login details on thomann.ro from user email.
●	M	Test Case naqa6-445: Create account with all valid information, but invalid email address. – BUG ID 0031577
●	M	Test Case naqa6-625: Change password of account – BUG ID 0031835
●	M	Test Case naqa6-446: Create account with all valid information, but invalid zip code. - BUG ID 0031834
●	M	Test Case naqa6-447: Change password same as e-mail address. – BUG ID 0031836
●	M	Test Case naqa6-448: Login into account with valid username and empty password
●	M	Test Case naqa6-449: Login into account with valid email address and space after. - BUG ID 0031837
●	M	Test Case naqa6-450: Login into account and check stay logged in
●	M	Test Case naqa6-451: Forgot your password
●	M	Test Case naqa6-453: Express registration
●	M	Test Case naqa6-626: Click on password icon when user changes account password
●	M	Test Case naqa6-456: Create account with valid information (email, name, surname, address, zip code, city, country)
●	M	Test Case naqa6-458: Login with invalid e-mail and valid password
●	M	Test Case naqa6-459: Login into account with valid e-mail and empty password

●	M	Test Case naqa6-463: Forgot your password
●	M	Test Case naqa6-464: More information

“LISTA DE DORINTE” icon (As a Guest/User Logged-In)

●	M	Test Case naqa6-645: Add article to “Lista de dorinte” with article number
●	M	Test Case naqa6-646: Add article to “Cosul de cumparaturi” from “Lista de dorinte”
●	M	Test Case naqa6-647: Add another article number
●	M	Test Case naqa6-648: Compare
●	M	Test Case naqa6-649: Erase article from “Lista de dorinte” – BUG ID 0031837
●	M	Test Case naqa6-650: Edit article from “Lista de dorinte”
●	M	Test Case naqa6-651: Print “Lista de dorinte”
●	M	Test Case naqa6-652: Share “Lista de dorinte”
●	M	Test Case naqa6-653: Click compact button
●	M	Test Case naqa6-654: Change “Lista de dorinte” name - click on “Lista de dorinte” title
●	M	Test Case naqa6-655: Change “Lista de dorinte” name - click on edit button NOTE: <TESTLINK ERROR ON EXECUTING TEST>
●	M	Test Case naqa6-656: Change number of units per article
●	A	Test Case naqa6-657: Sort “Lista de dorinte” - by recent article
●	A	Test Case naqa6-658: Sort “Lista de dorinte” - lowest price
●	A	Test Case naqa6-659: Sort “Lista de dorinte” - highest price
●	A	Test Case naqa6-660: Sort “Lista de dorinte” - better products

●	A	Test Case naqa6-661: Sort "Lista de dorinte" - alphabetically (a-z)
●	A	Test Case naqa6-662: Sort "Lista de dorinte" - alphabetically (z-a)
●	M	Test Case naqa6-663: Sort "Lista de dorinte" - User personalized
●	M	Test Case naqa6-664: Add new "Lista de dorinte"
●	M	Test Case naqa6-665: Delete "Lista de dorinte"
●	M	Test Case naqa6-666: Add product to "Lista de dorinte"
●	M	Test Case naqa6-668: Add product to "Cosul de cumparaturi" from "Lista de dorinte". NOTE: <TESTLINK ERROR ON EXECUTING TEST>
●	M	Test Case naqa6-671: Erase article from "Lista de dorinte"
●	M	Test Case naqa6-678: Change number of units per article
●	M	Test Case naqa6-684: Add new "Lista de dorinte"
●	M	Test Case naqa6-686: Add product to "Lista de dorinte"
●	M	Test Case naqa6-981: Check if "Lista de dorinte" is saved after log-out and log-in again

"COSUL DE CUMPARATURI" (As a Guest/User Logged-In)

●	M	Test Case naqa6-835: Click on "Cumpara acum", no input on fields
●	M	Test Case naqa6-823: Add a product to "Cosul de cumparaturi" from homepage categories, from add to "Cosul de cumparaturi" b
●	M	Test Case naqa6-824: Add a product to "Cosul de cumparaturi" from homepage categories, after click on product
●	M	Test Case naqa6-826: Click on "Disponibil imediat"
●	M	Test Case naqa6-827: On "Cosul de cumparaturi", move product in "Lista dorintelor"
●	M	Test Case naqa6-828: On "Cosul de cumparaturi", delete product

●	M	Test Case naqa6-829: Change quantity/units of product from keyboard. BUG ID - 0031841
●	M	Test Case naqa6-830: Change quantity/units of product from drop down button.
●	M	Test Case naqa6-833: Print "Cosul de cumparaturi" – BUG ID 0031842
●	M	Test Case naqa6-834: Finalize order
●	M	Test Case naqa6-839: Click on "Homepage", then click on "Add to "Cosul de cumparaturi"""
●	M	Test Case naqa6-840: Open "Cosul de cumparaturi", from homepage, hover on "Cosul de cumparaturi" icon.
●	M	Test Case naqa6-842: Choose a product from web page categories and add to "Cosul de cumparaturi" from product category
●	M	Test Case naqa6-843: Add product to "Cosul de cumparaturi" after click on product
●	M	Test Case naqa6-844: On "Cosul de cumparaturi", move product in "Lista dorintelor"
●	M	Test Case naqa6-845: Click on "Homepage", then mouse over on "Cosul de cumparaturi", click on "Cosul de cumparaturi"
●	M	Test Case naqa6-846: Finalize order, click on "Catre casa"
●	M	Test Case naqa6-848: Introduce different delivery address
●	M	Test Case naqa6-851: Edit billing address
●	M	Test Case naqa6-852: Edit "Cosul de cumparaturi"

HOMEPAGE

●	A	Test Case naqa6-853: Change currency from Default to "Ron"
●	A	Test Case naqa6-854: Change country from default to Great Britain
●	A	Test Case naqa6-855: Choose store - Romania.
●	A	Test Case naqa6-1047: Search bar to be visible
●	A	Test Case naqa6-1048: Sub-menu to be visible

●	A	Test Case naqa6-1049: Upper-menu to be visible
●	A	Test Case naqa6-1050: User-menu to be visible
●	A	Test Case naqa6-1051: Page footer to be visible (menu legend)

Smoke Test - Result Summary

Test Suite	Total	Not Run	[%]	Passed	[%]	Failed	[%]	Blocked	[%]
Thomann.ro	73	3	4.1	62	84.9	8	11.0	0	0

Test Suite	Total	Not Run	[%]	Passed	[%]	Failed	[%]	Blocked	[%]
Account	17	0	0	12	70.6	5	29.4	0	0

Test Suite	Total	Not Run	[%]	Passed	[%]	Failed	[%]	Blocked	[%]
"Lista de dorinte"	28	3	10.7	24	85.7	1	3.6	0	0

Test Suite	Total	Not Run	[%]	Passed	[%]	Failed	[%]	Blocked	[%]
"Cosul de cumparaturi"	20	0	0	18	90	2	10	0	0

Exploratory testing

For exploratory testing, an external tool was used: Test&Feedback – as chrome extension.

Exploratory testing has been made on Search Bar functionality.

Full report generated by Tool – Attachment in [exploratory](#) testing folder.

3 new bugs were reported, with following ID – 0031580, 0031579, 0031578.

Automated tests UX-UI, API Testing

The automated tests were executed on the following functionalities. "Lista de dorinte" and Homepage. The decision was made from *time saving* perspective.

Automated tests were executed using Cypress, Visual Studio Code, Postman.

For API Testing go to section – [API Testing](#)

For UX/UI an external tool was used: Heurio -chrome extension and web application. With Heurio were discovered typo errors and inadequate expressions. Further details in [UX/UI Testing. Heurio](#)

All automated tests that were executed have status: **PASSED**

Screenshots attached in [Automation with Cypress folder](#).

New Bugs/Defects

Defects ID	Defect summary	Severity
0031577	Account - User can submit account registration info with invalid email address.	Major
0031834	Account - User can submit account registration info with invalid zip-code	Minor
0031835	Account - User can change password with less characters than web app requested.	Critical
0031836	Account - User can set password same as e-mail address.	Major
0031837	Account - User can login with "space" after e-mail address.	Normal
0031838	"Lista de dorinte" - Product is not deleted from "Lista de dorinte".	Major
0031841	"Cosul de cumparaturi" - Quantity is not changed from keyboard	Normal
0031842	"Cosul de cumparaturi" - "Print "Cosul de cumparaturi"" opens new page with "Cosul de cumparaturi" instead of printing preferences.	Normal
0031580	Search - Web App recommendation does not return valid results of products.	Critical
0031579	Search - Romanian words and function "+" does not return valid results with specified attributes.	Critical
0031578	Search - Search with Romanian words on thomann.de/ro/ does not return valid results of products.	Critical

Cross-browser testing

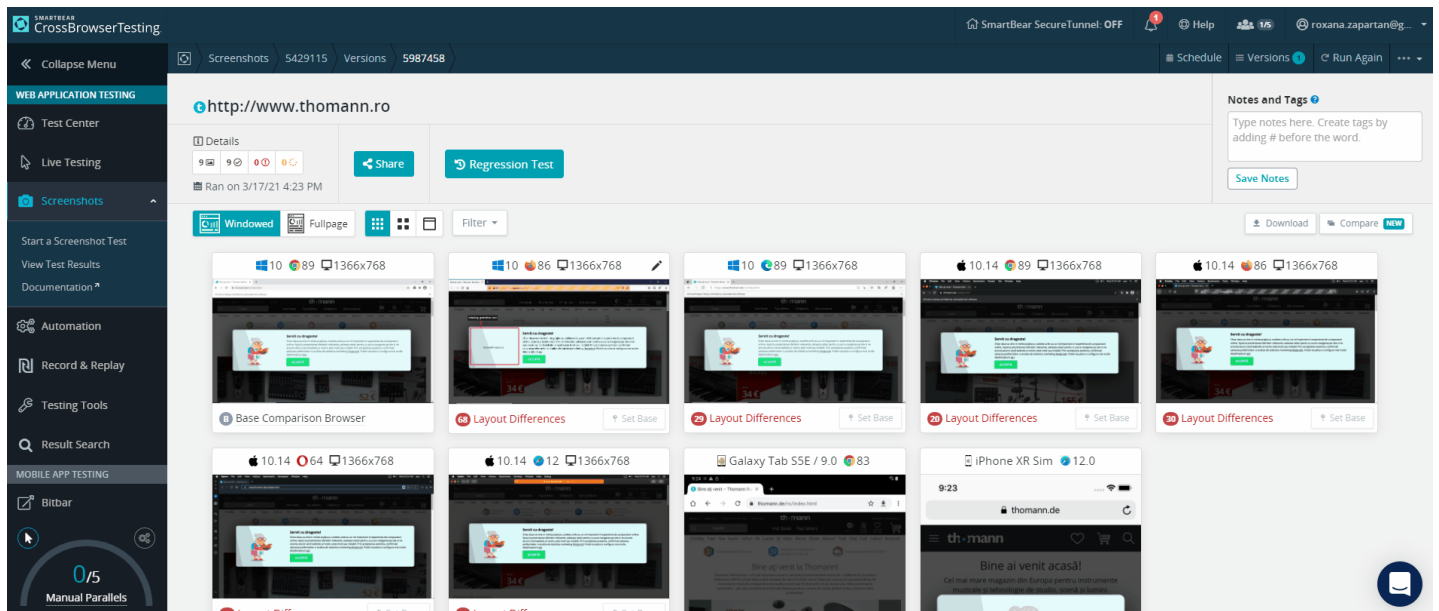


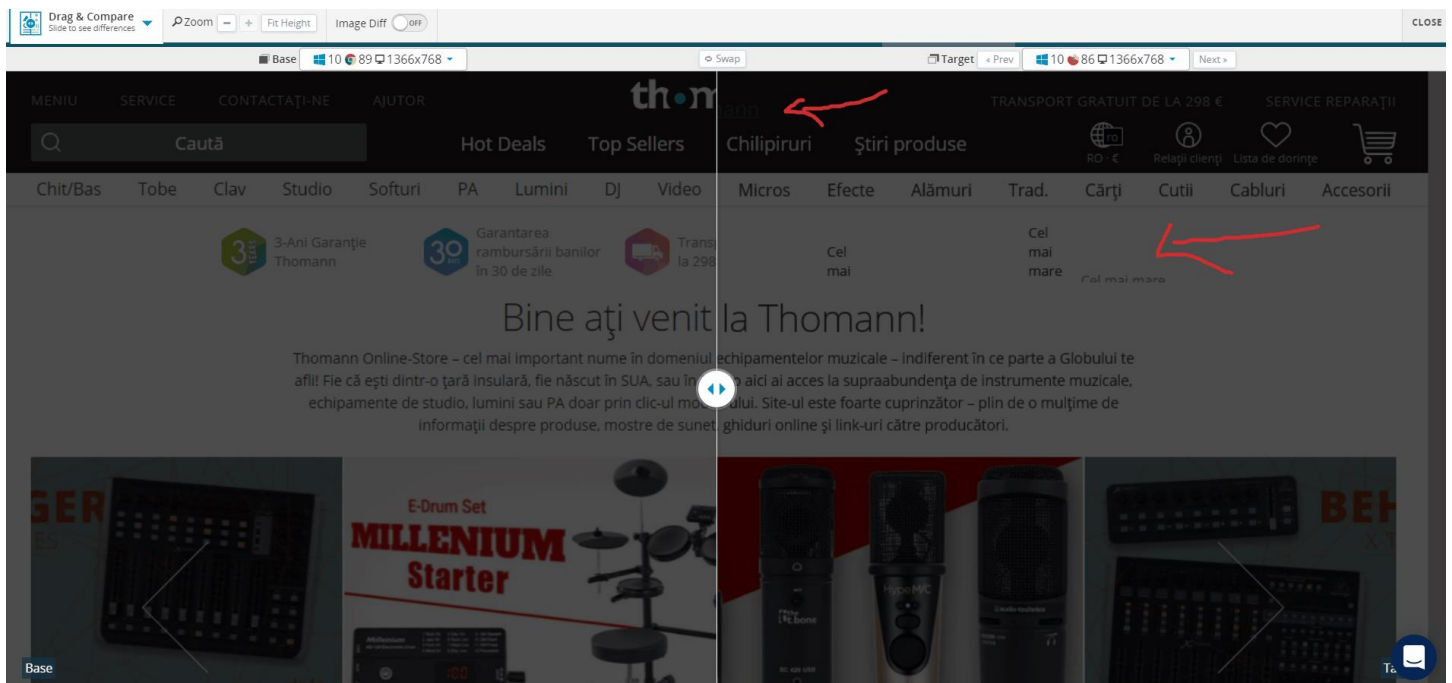
Figure 1. CrossBrowserTesting Tool

CrossBrowserTesting was used for testing the app's homepage on multiple browsers with different settings:

homepage

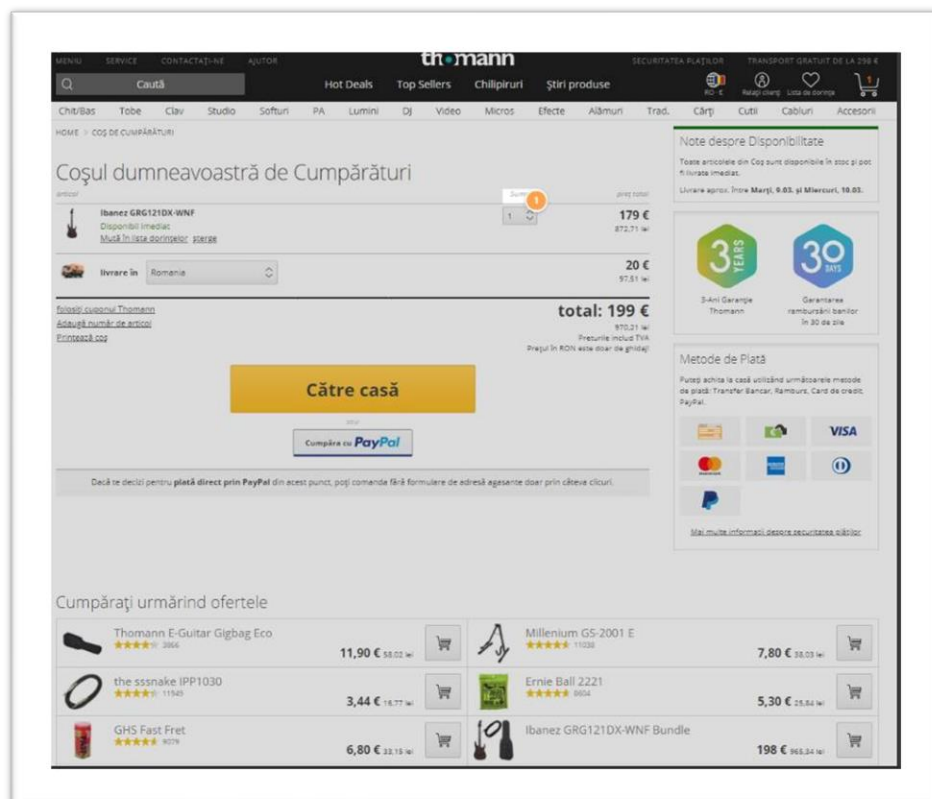
- Windows 10, Chrome 89, 1366x768 – BASE COMPARISON
- Windows 10, Mozilla Firefox 86, 1366x768 [68 layout differences] flagged for 30px tolerance.
- Windows 10, Microsoft Edge 89, 1366x768 [29 layout differences] flagged for 30px tolerance.
- MAC OSX 10.14, Chrome 89, 1366x768 [20 layout differences] flagged for 30px tolerance.
- MAC OSX 10.14, Mozilla Firefox 86, 1366x768 [30 layout differences] flagged for 30px tolerance.
- MAC OSX 10.14, Opera 64, 1366x768 [46 layout differences] flagged for 30px tolerance.
- MAC OSX 10.14, Safari 12, 1366x768 [31 layout differences] flagged for 30px tolerance.
- Galaxy Tab S5E/9.0, Chrome 83 - screenshots attached in [Cross-browser testing folder](#).
- iPhone 11 Pro Max, 13.2, Mobile Safari 13, 1242x2688, portrait – screenshots attached in [Cross-browser testing folder](#).

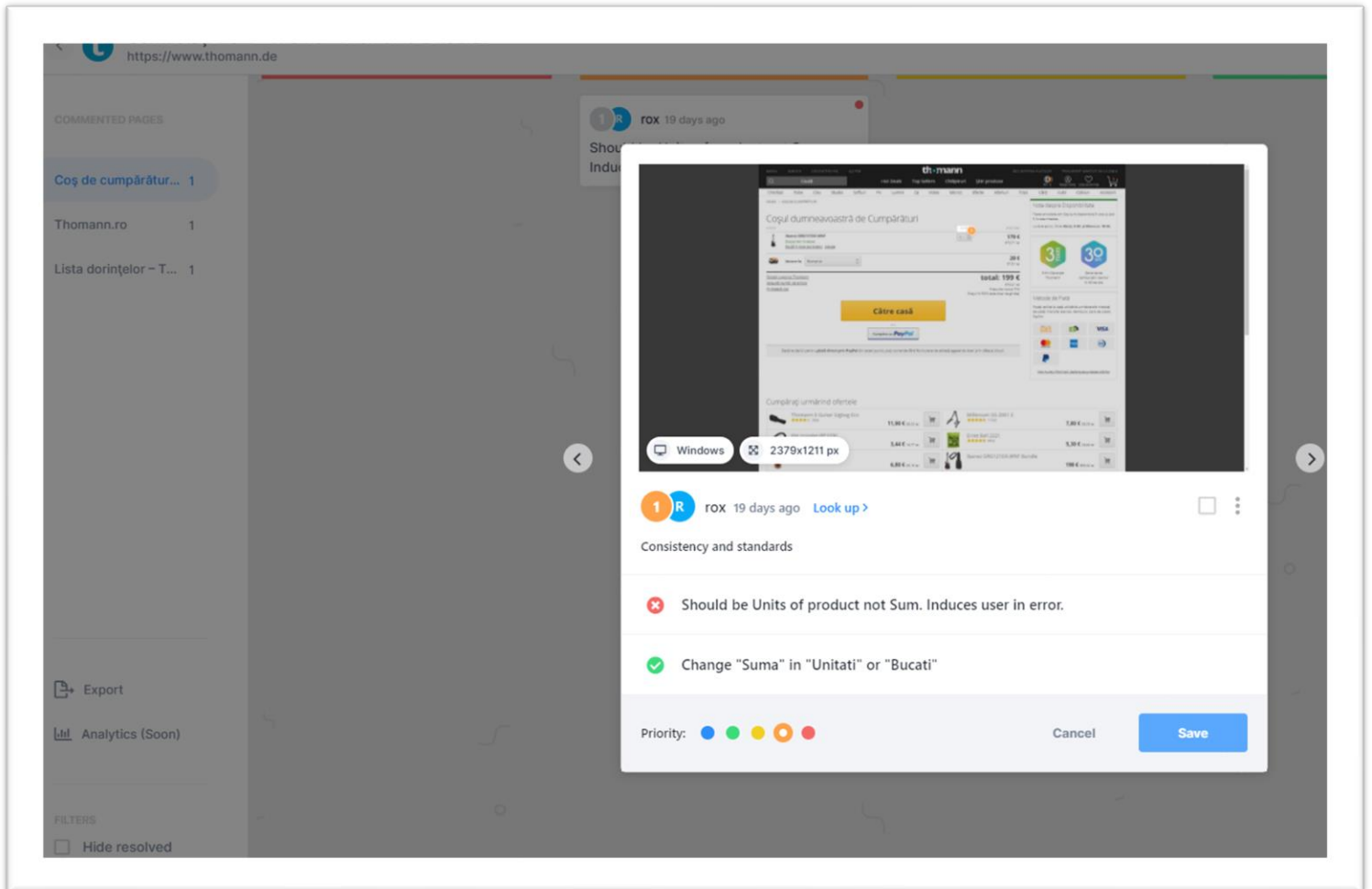
- Biggest differences discovered between win 10 – chrome 89 vs Mozilla Firefox86



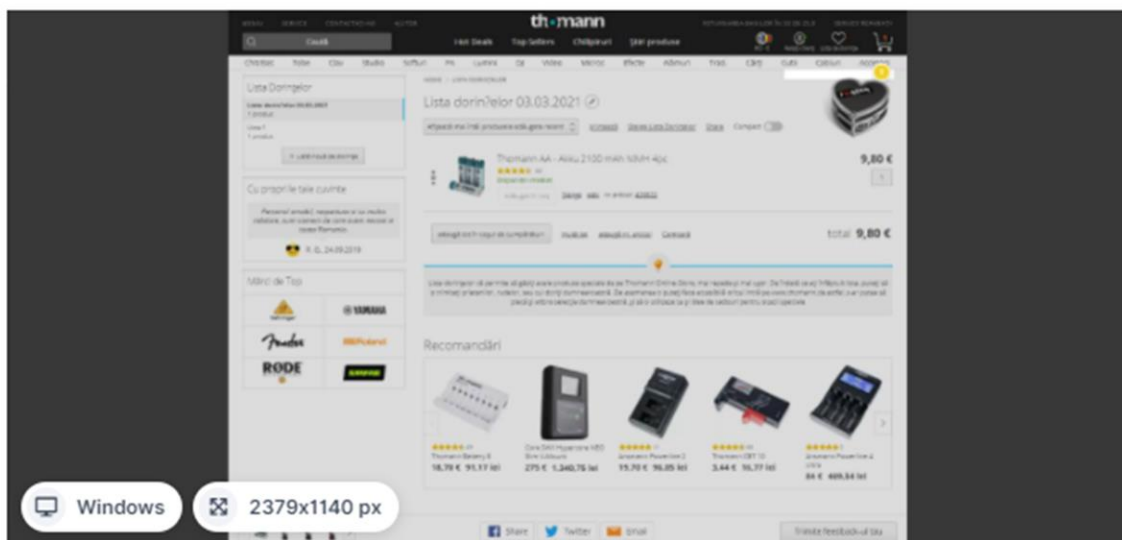
UX/UI Testing. Heurio

- For UI/UX Testing **Heurio** tool was used, as chrome extension and web application. The following result came out from testing: typos and improvements in expression. More accurate screenshots in [Heurio folder](#).





Does not recognize character "ț" in



rox 19 days ago [Look up >](#)

No criteria



Does not recognize character "ț" in "dorințelor"



Correct the spelling - "dorințelor"


Priority: ● ● ● ● ●

Cancel

Save

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+49-9546-9223-530
romania@thomann.de
 Pagina Ajutor
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 Serviciu Adresa postală

Adresa postală
 Thomann GmbH
 Hans-Thomann-Straße 1
 96138, Burgbreich, Germania

Ore de Program OPEN
 Deschis: 9:30 - 18:30 (GMT)
 Orele de program
 Vă mulțumim pentru înțelegere, putem răspunde doar în timpul
 orelor de program

Numărul de client pentru solicitări
 Nr. dvs de client:
15451537
 Vă rugăm pregătiți numărul dvs de client înainte să ne sunați. În cele
 mai multe din cazuri aceasta ne va ajuta să vă 1 mai eficient.

COVID-19: Magazinul nostru, centrul de reparații și cantina din Treppendorf vor trebui probabil să rămână închise până la o nouă
 notificare. Mai multe informații pot fi găsite [aici](#).

Departamente speciale

Departament	Email	Phone
Chitare	gitar@thomann.de	+49-9546-9223-20
Claviaturi	kloster@thomann.de	+49-9546-9223-33
Departamentul PA	oa@thomann.de	+49-9546-9223-35
Departamentul Suflători	brass@thomann.de	+49-9546-9223-26
Dr. Department	d@thomann.de	+49-9546-9223-441
Instrumente cu Coarde	streicher@thomann.de	+49-9546-9223-370
Literatură	noten@thomann.de	+49-9546-9223-60
Lumini	licht@thomann.de	+49-9546-9223-45
Piane	kloster@thomann.de	+49-9546-9223-34

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1 R rox a month ago [Look up >](#)

No criteria

✖ Typo mistake "ajtam"

✓ Correct spelling: "ajută"

Priority: ● ● ● ● ●

Cancel

Save

API Testing

For API Testing, Postman tool was used.

Scenarios for Homepage on www.thomann.ro

- Test status code to be 200.
- Test response time to be less than 800ms.
- Test that body is correct.
- Test that body matches string.
- Test that Content-Type is present.

All the tests executed have status: Pass. Report from Postman and screenshot can be found in [API Testing folder](#).

Mobile Testing with Apptim – Android App - Thomann

For testing the mobile application available for Android, Apptim desktop tool was used to save time and perform a more detailed testing report on mobile app behavior.

Manual testing – Exploratory was performed using Apptim tool.

Environment:

HUAWEI VOG-L29

Android version: 10
Manufacturer: HUAWEI
Model: VOG-L29
CPU Architecture: arm64-v8a
Dalvik heap size limit:384MB
Dalvik large heap size limit:512MB

App Information

Default Label: Thomann
Version Code:201014
Version Name:5.1.0
Package: de.thomann
Launch Activity: de.thomann.android.MainActivity
Use large heap: false
Debuggable: false

Constraints:

- Free version of Apptim only lets users perform 10 minutes exploratory on the app.
- Tests performed are very general, because testing the Android app was not part of the main testing scope.
- Purpose of testing the Android App was to observe if the main vulnerabilities found on the web app are also present in the Android app so tests performed were on:
 - Discover the app – navigation through the application
 - Search bar
 - Login

Pros

- Time saving
- Tool lets users report bugs to Jira – good tools connection.
- Detailed reports also on performance while running exploratory testing. (See reports)
- User friendly tool, easy to install and operate on
- Shareable reports

Reports can be found following these links.

- [Discover the app](#) Report
- [Search bar](#) Report
- [Login](#) Report

Also, bugs that have been found are resembling the vulnerabilities on the web app, so they have not been logged again in Mantis, only in the reports in Apptim.

Recommended Improvements

Correct spelling errors and inadequate expressions.

Fix reported bugs and repair layout interface on different OS and browsers.

Conclusions

In conclusion the product, that is already released and was used as a testing project, was tested with: Smoke testing, Exploratory testing, Cross-browser testing, UX-UI testing, and some Automated tests with Cypress and

Postman. 11 bugs were identified in total, 8 through smoke testing and 3 from exploratory testing. UX-UI testing also revealed some improvements that need to be updated, like typo errors and inadequate expressions. Cross-Browser testing revealed some layout differences comparing the interface on different browsers and operating systems.