

# ***Test report***

***Project:*** <https://www.orasulbalan.ro/>

***Tester:*** *Pipan Tunde*

***Date:*** 04.02.2023

## **Table of contents**

<i>OBJECTIVES.....</i>	<i>3</i>
<i>PRODUCT DESCRIPTION.....</i>	<i>3</i>
<i>TESTING PERIOD .....</i>	<i>3</i>
<i>TEST ENVIRONMENTS.....</i>	<i>4</i>
<i>TESTING TOOLS.....</i>	<i>5</i>
<i>TESTING TYPES.....</i>	<i>5</i>
<i>TEST COVERAGE.....</i>	<i>6</i>
<i>TEST RESULTS.....</i>	<i>7-8</i>
<i>DEFECT OVERVIEW .....</i>	<i>9-10</i>
<i>CONCLUSION .....</i>	<i>11</i>
<i>LESSON LEARNED.....</i>	<i>11</i>

## **Objectives**

The main objective of the testing process was to validate that the website can be accessed easily by the user and that it works properly. In this regard I tested the main functionalities, the different information areas, the localization features and the performance of the website.

## **Product description**

The tested website is a public informational website which provides information about Balan city, the community, the administration, and services and the tourist areas. The webpage is well structured and it is easy to navigate. The webpage gives the user the possibility to create an account to see personal information and perform payments. You can reach the website on the following address: <https://www.orasulbalan.ro/ro/>

## **Testing Period**

The site was tested between 20.11.2022 – 27.01.2023.

# Test Environments

The main testing session was performed on a Mobile device: iPhone 11 with IOS Version 16.1.1 and Version 16.2.

## Mobile:

### Android Devices:

- Samsung Galaxy s20 Ultra

### iOS Devices:

- iPhone 11 (iOS 16 .1.1 and 16.2)
- iPhone 13 (iOS version 16.0)

## Laptop and Computers Operating Systems

- Linux xxx (Oracle VM Virtual Box –Linux)
- Windows 10 Pro (Laptop Lenovo)
- macOS Monterey (MacBook Pro)

## Browsers:

- Google chrome 108.0.5359.112
- Firefox 108.1 (24234)
- Safari 16.1.1 and 16.2

## Testing tools:

 *Test link*

 *Mantis*

 *jMeter*

 *BlueStacks 5*

 *Oracle VM virtual Box*

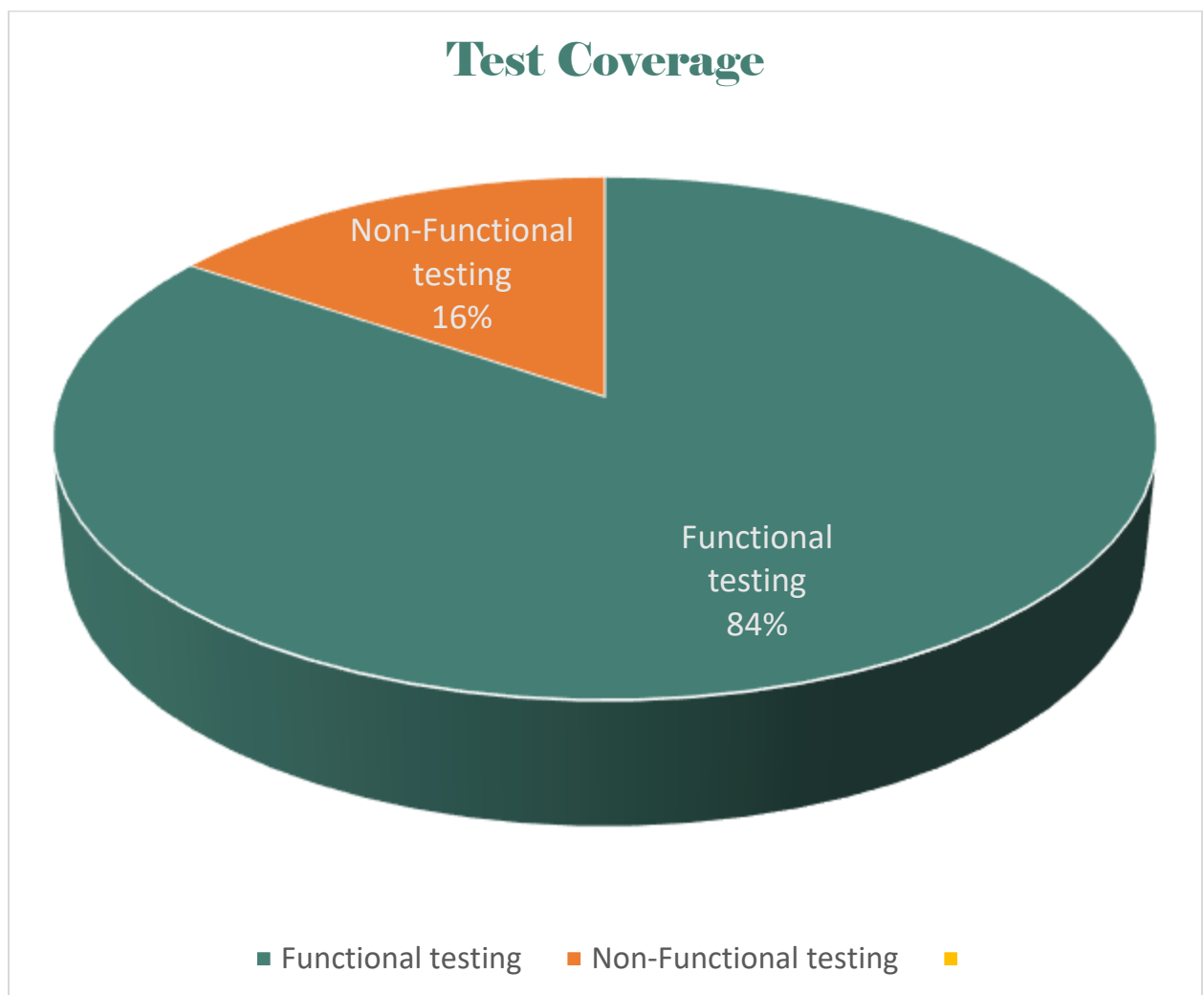
 *Excel*

## Testing types

- Positive testing
- Negative testing
- Functional testing
- Non-Functional testing
- Black-Box testing
- Smoke testing
- Compatibility testing
- Localization testing
- Performance testing

## Test Coverage

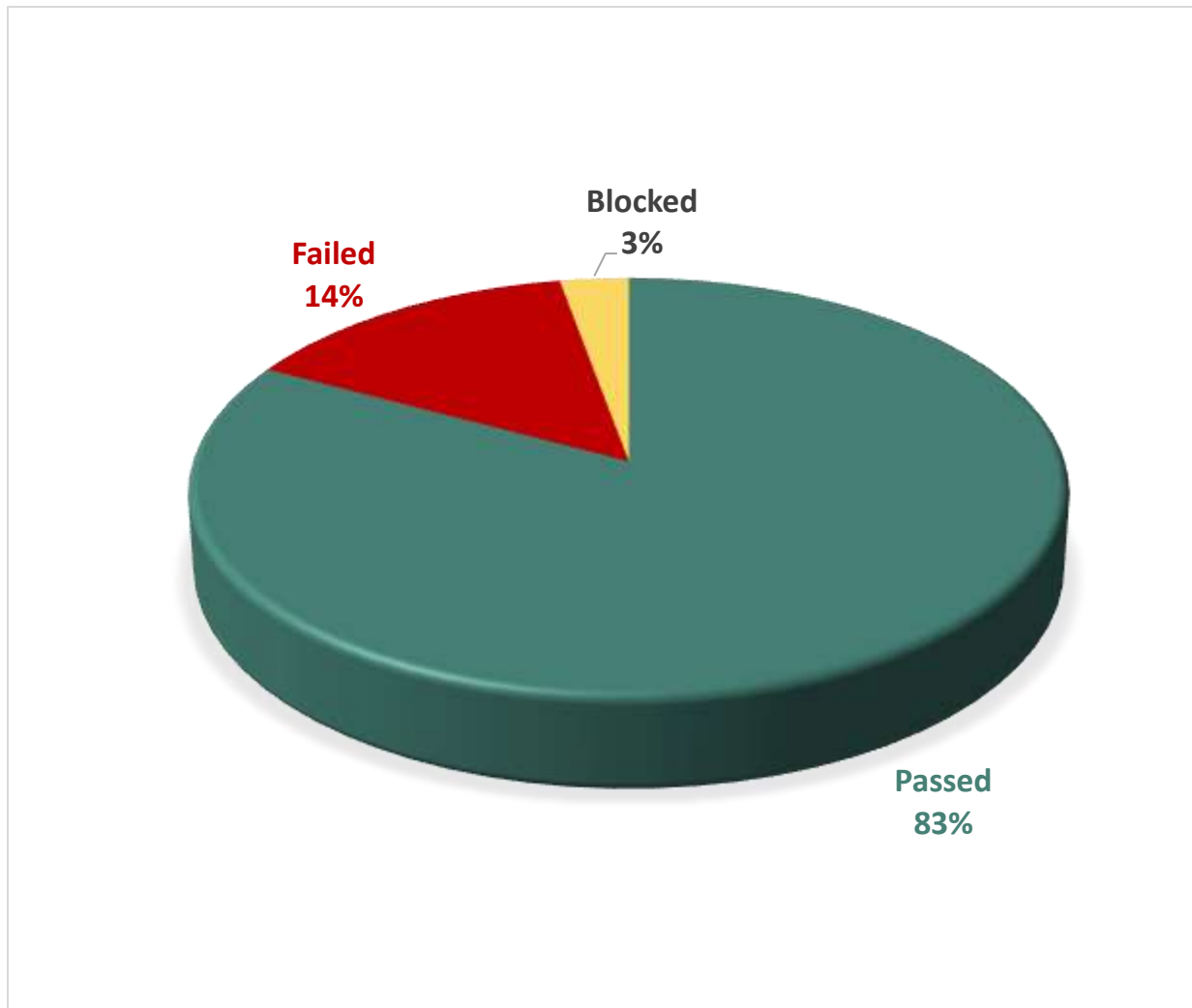
A total of 103 test cases designed and executed in this session with a 100% coverage.



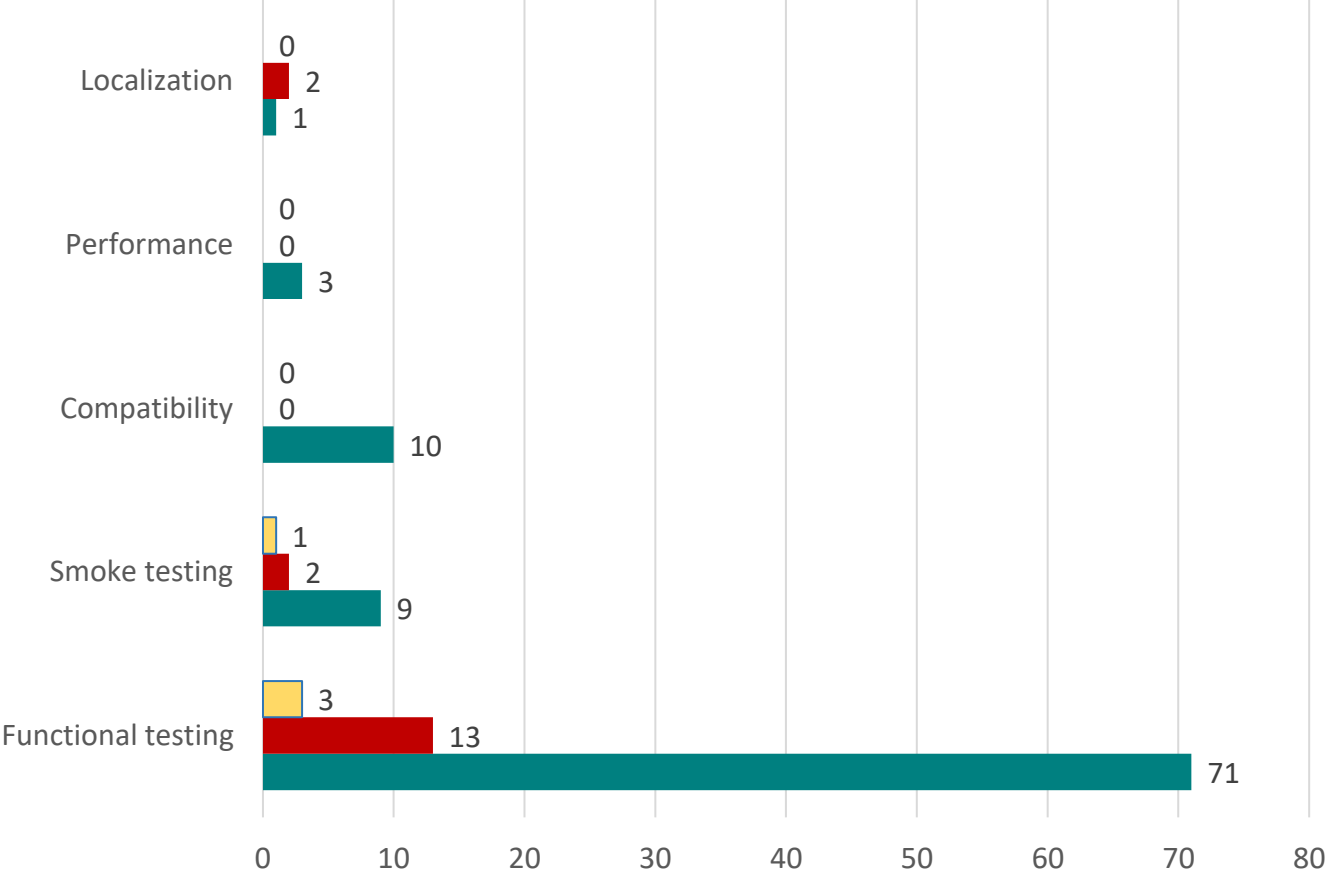
## Test case Results

The result from the 103 executed Test Cases is:

- Passed: 87
- Failed: 15
- Blocked: 3



Test metrics per testing types



	Functional testing	Smoke testing	Compatibility	Performance	Localization
Blocked	3	1	0	0	0
Failed	13	2	0	0	2
Passed	71	9	10	3	1

Blocked Failed Passed

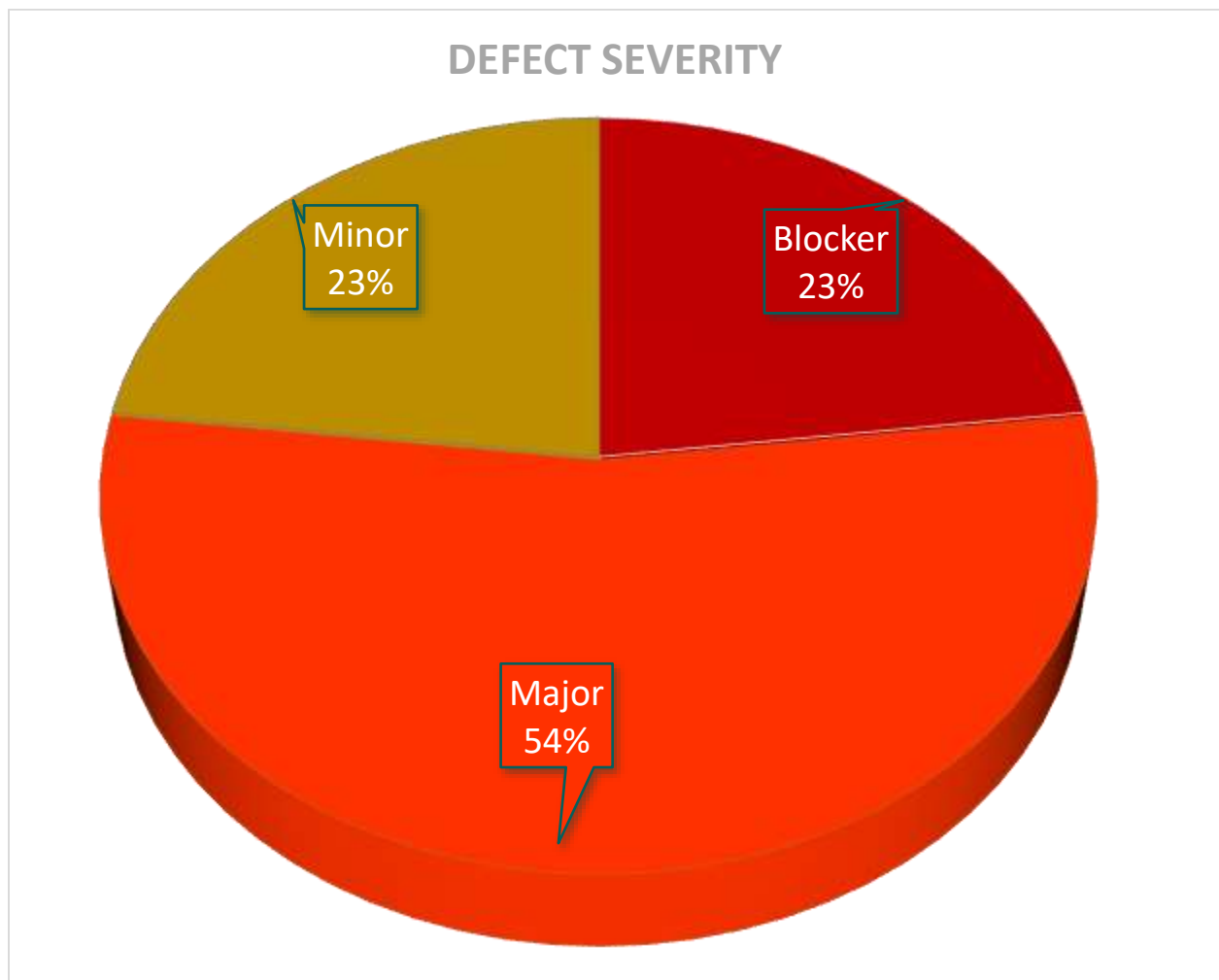


## Defect overview

Defect metrics			
Bug ID	Severity	Summary	TC ID
<a href="#">46442</a>	Blocker	The user cannot reset his password on the 'Password Reset' page	QA36-503
			QA36-504
<a href="#">46198</a>	Blocker	The user can't login on the city hall webpage	QA36-493
<a href="#">46450</a>	Blocker	The user can't sign up on the city hall webpage	QA36-653
			QA36-654
			QA36-661
			QA36-666
<a href="#">47018</a>	Major	The user can't access the employee assets on the city hall webpage	QA36-984
<a href="#">47016</a>	Major	The user can't access the 'Sume restante' page	QA36-1052
<a href="#">47015</a>	Major	The user can't access the city hall bank account numbers	QA36-908
<a href="#">47179</a>	Major	The user can't access the 'Servicu Urbanism' webpage	QA36-910
<a href="#">47180</a>	Major	The user can't access the 'Transparenta' webpage from the main menu	QA36-2622
<a href="#">47181</a>	Major	The user can't access the 'Hotarari de consiliu' webpage	QA36-917
<a href="#">46545</a>	Major	The user can't download pdf files from the 'Documente publice' page	QA36-780
<a href="#">46199</a>	Minor	The user can't see the HCAPTCHA functionality underneath its label	QA36-648
<a href="#">46340</a>	Minor	User cannot see fully the English translated content	QA36-996
<a href="#">46339</a>	Minor	User cannot see fully the Hungarian translated content	QA36-995

I found a total of 13 defect in the system:

- 3 blocker defect
- 7 Major defect
- 3 Minor defect
- 1 Bug was fixed: Bug id 0047014 witch affected the QA36-1971 Test Case.



## Conclusions

This website needs to be improved, especially the main functionalities: the Sign Up, the Login and the Password Reset. The user is not able to perform payments, see personal information, download public documents, translate the webpage.

The webpage is responsive and I didn't find any defect using it on different test environments. The website also performs well under heavy loads.

## Lesson learned

- Exhaustive testing is impossible
- Retest after every change made to the application
- Don't make assumptions
- Functional and non-functional testing are indispensable