Functional tests report

ID	PPTR-120504

Purpose 🔗

The purpose of this document is to provide information about the tests conducted on the website https://bazylika-pszow.pl/ and the quality of the tested application, based on which stakeholders can make decisions regarding the further development phase of the application.

Test subject decription 🔗

The website http://parafia-pszow.pl/ is the official website of the Parish of the Nativity of the Blessed Virgin Mary in Pszów. This website contains information about Masses, devotions, and other events taking place in the parish. The site also provides information about the pastors, parish groups, offers a rich gallery of photos, and videos commemorating important events in the life of the parish. Users can use the search engine to find information they are interested in on the website.

Documentation used 🔗

Lack of documentation regarding the subject of the tests.

Test scope 🔗

The following elements have undergone testing

- The Logo
- Links in the main menu
- Links in the side menu

- Search engine
- The photo gallery page list
- Article cards on the home page
- Loading images in article cards
- Loading images in photo gallery

Types of tests conducted 🔗

- functional tests

Test acceptace criteria 🔗

- Clicking on a navigational image redirects to the correct page
- Clicking on a navigational icon redirects to the correct page
- Proper loading of images on the gallery subpage and other subpages
- Proper functioning of the features responsible for video playback - volume change, mute, stop, play, full-screen function
- Proper system behavior after entering the correct phrase in the search engine
- Proper system behavior after entering an incorrect phrase in the search engine
- Proper playback of animations on the homepage

Test complete criteria 🔗

The end criteria is defined as the time at which the testing was concluded

Risks 🔗

- Lack of documentation containing information regarding the requirements of certain functionalities

Execution of tests 🔗

Testing entity	Paweł Aksman

Test environment 🔗

Operating system	Ubuntu 22.04.4 LTS
Language	pl_PL.UTF-8
System manufacturer	To Be Filled By O.E.M.
BIOS	- Vendor: American Megatrends Inc. - Version: P1.90 - Release Date: Date: 12/06/2013 - Address: 0xF0000

	• Runtime Size: 64 kB • ROM Size: 8 MB
Processor	Intel(R) Core(TM) i5-4440 CPU @ 3.10GHz
Memory	16GB RAM
Available memory	11GB RAM
Browsers	• Google Chrome • Mozilla Firefox • Micorsoft Edge

Duration of testing 🔗

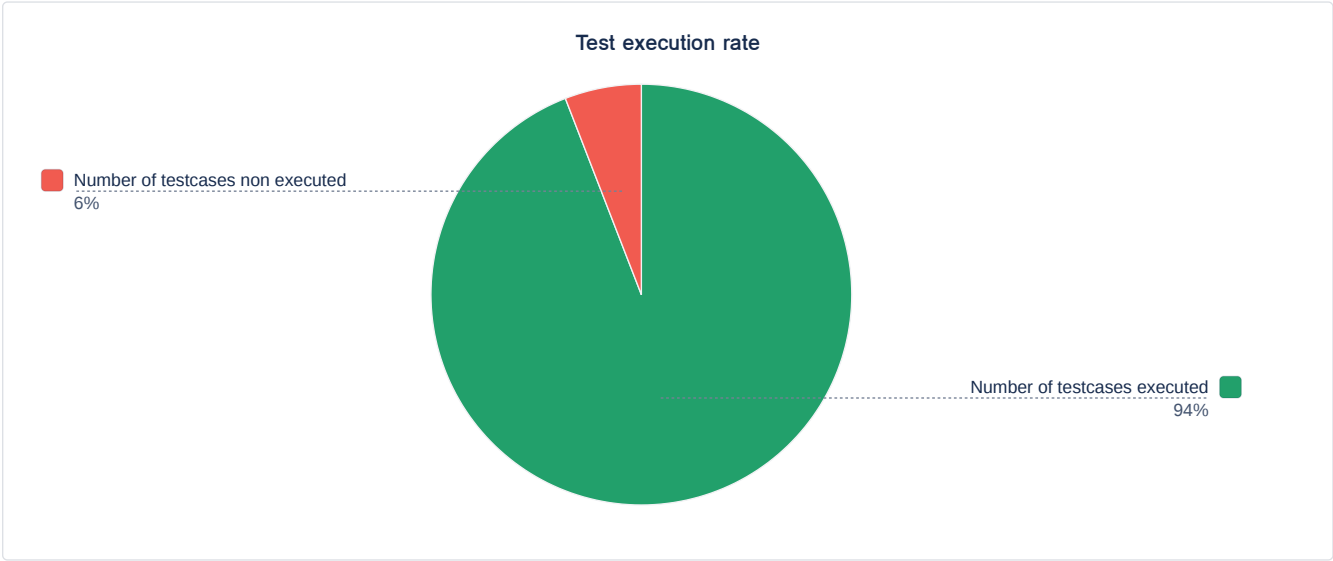| **Google Chrome (desktop)- manual**	1m 36s
Microsoft Edge (desktop)- manual	1m 10s
Mozilla Firefox (desktop)- manual	1m 20s
Chrome browser (mobile)- manual	1m 21s
Google Chrome (desktop)- automatic	47s 78ms
Microsoft Edge (desktop)- automatic	47s 729ms
Mozilla Firefox (desktop)- automatic	44s 167ms
Chrome browser (desktop)- automatic	5m 12s

Test durations

- Microsoft Edge (desktop)- manual ■ Mozilla Firefox (desktop)- manual ■ Chrome (mobile)- manual
- Google Chrome (desktop)- automatic ■ Microsoft Edge (desktop)- automatic
- Mozilla Firefox (desktop)- automatic ■ Chrome (mobile)- automatic
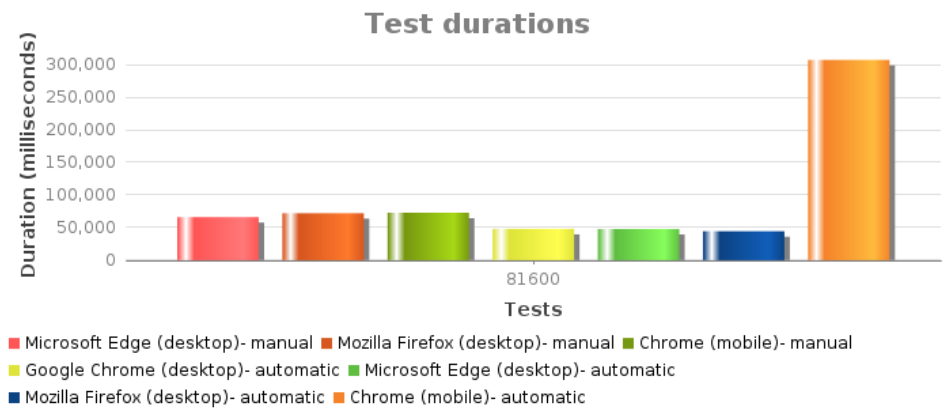
Metrics 🔗

Test	Average test execution time
Google Chrome (desktop)- manual	1m 36s 882ms
Microsoft Edge (desktop)- manual	1m 10s 582ms
Mozilla Firefox (desktop)- manual	1m 20s 499ms

Chrome browser (mobile)- manual	1m 21s 500ms
Google Chrome (desktop)- automatic	~624.53 ms
Microsoft Edge (desktop)- automatic	~593 ms
Mozilla Firefox (desktop)- automatic	~600.05 ms
Chrome (mobile)- automatic	~722.64

Average

Legend:
- Microsoft Edge (desktop)- manual
- Mozilla Firefox (desktop)- manual
- Chrome (mobile)- manual
- Google Chrome (desktop)- automatic
- Microsoft Edge (desktop)- automatic
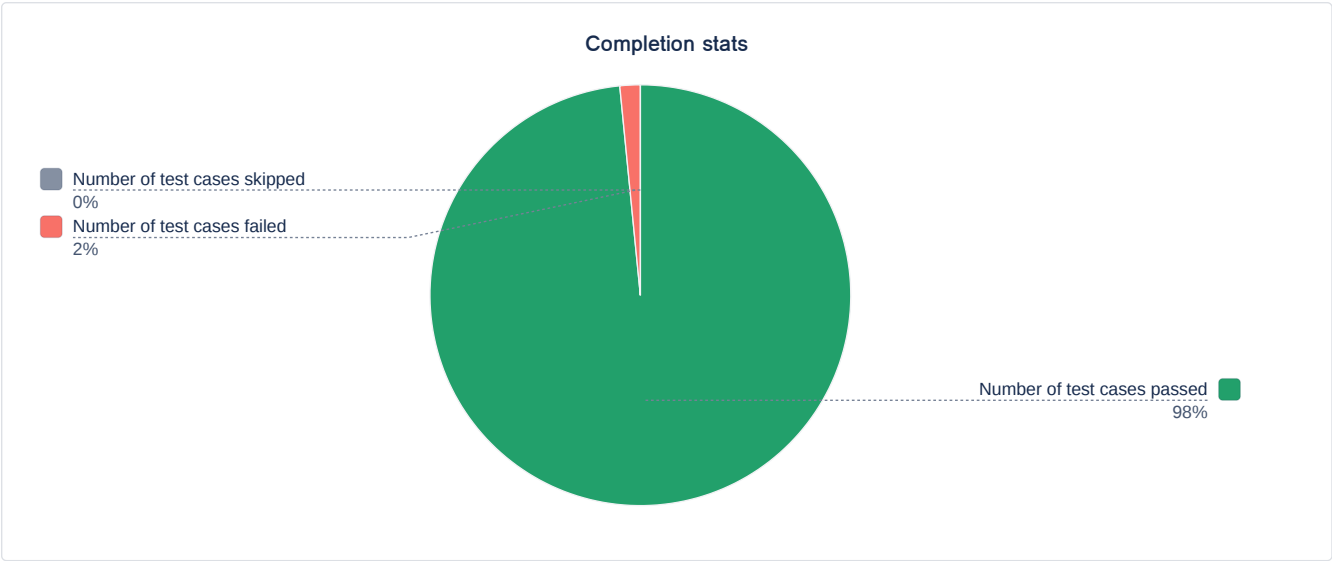- Mozilla Firefox (desktop)- automatic
- Chrome (mobile)- automatic
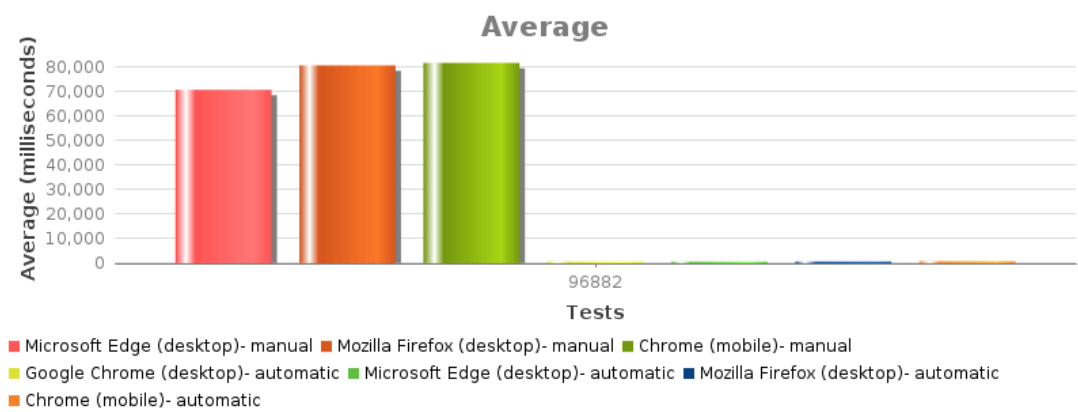
Tests on the Google Chrome browser

Fraction	**0.98**

Total number of test cases	68
Number of testcases executed	64
Number of testcases non executed	4

Test execution rate

- Number of testcases non executed 6%
- Number of testcases executed 94%

Number of testcases executed	64
Number of test cases passed	63
Number of test cases failed	1

Number of test cases skipped	0

Completion stats

- Number of test cases skipped
  0%
- Number of test cases failed
  2%

Number of test cases passed
98%

Number of defects	1
Number of defects with CRITICAL severity	1
Number of defects with MAJOR severity	0
Number of defects with NORMAL severity	0
Number of defects with MINOR severity	0

Severity distribution of defects

- Number of defects with MAJOR severity
  0%
- Number of defects with NORMAL severity
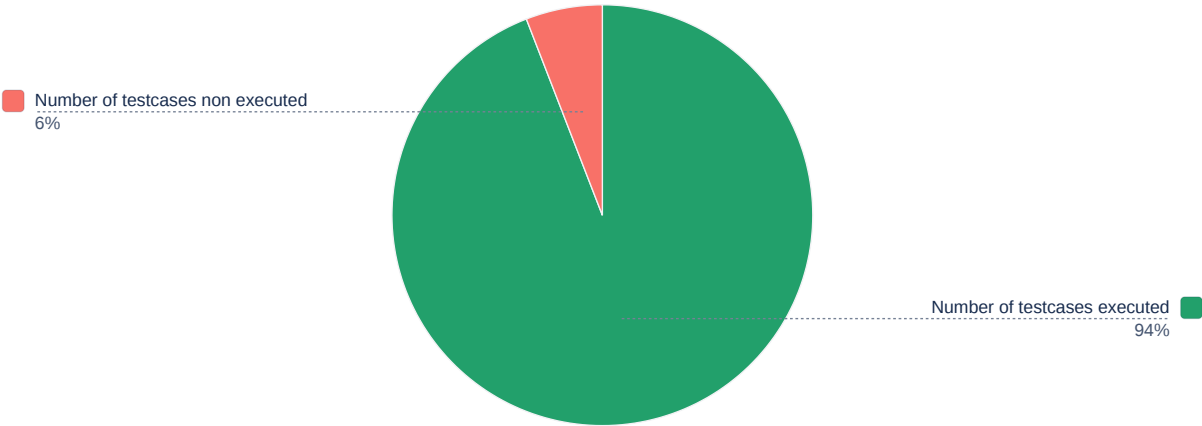 0%
- Number of defects with MINOR severity
  0%

Number of defects with CRITICAL severity
100%

Tests on the Microsoft Edge Browser

Fraction	**0.98**

Total number of test cases	68
Number of testcases executed	64
Number of testcases non executed	4

Test execution rate

Number of testcases non executed
6%

Number of testcases executed
94%

Number of testcases executed	64
Number of test cases passed	63
Number of test cases failed	1
Number of test cases skipped	0

Completion stats

Number of test cases skipped
0%

Number of test cases failed
2%

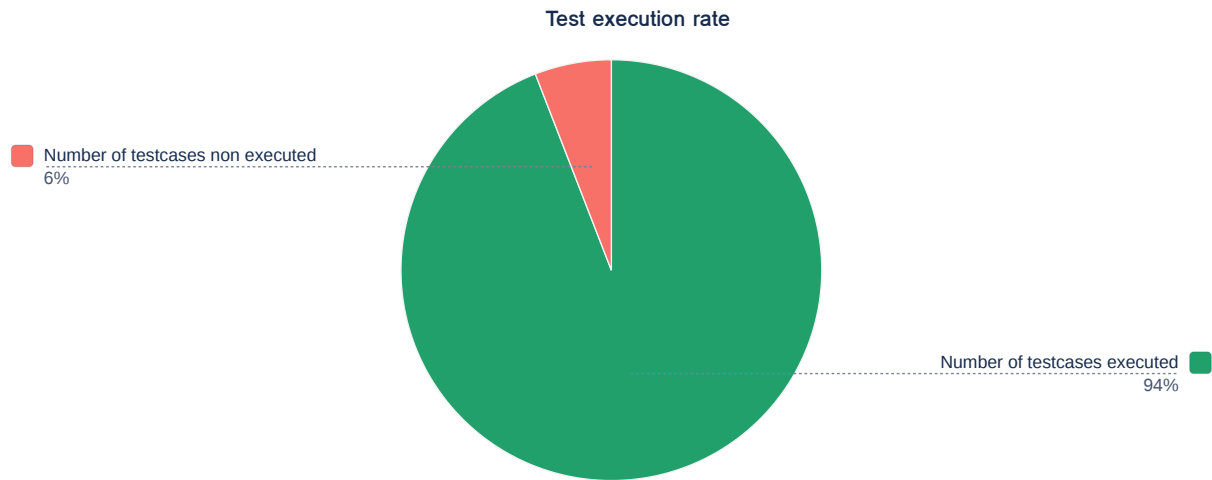Number of test cases passed
98%
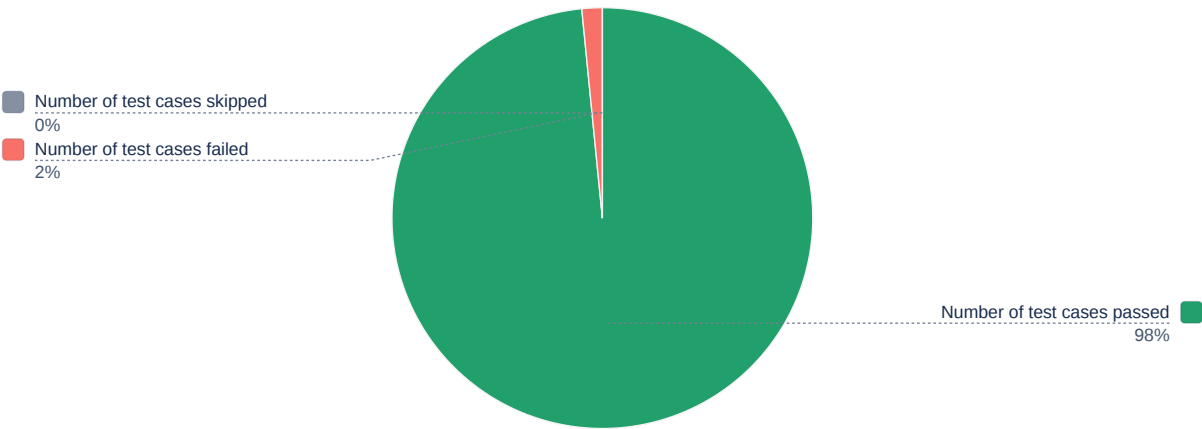
Number of defects	1
Number of defects with CRITICAL severity	1
Number of defects with MAJOR severity	0
Number of defects with NORMAL severity	0
Number of defects with MINOR severity	0

Wykres bez tytułu

Number of defects with MAJOR severity
0%

Number of defects with NORMAL severity
0%

Number of defects with MINOR severity
0%

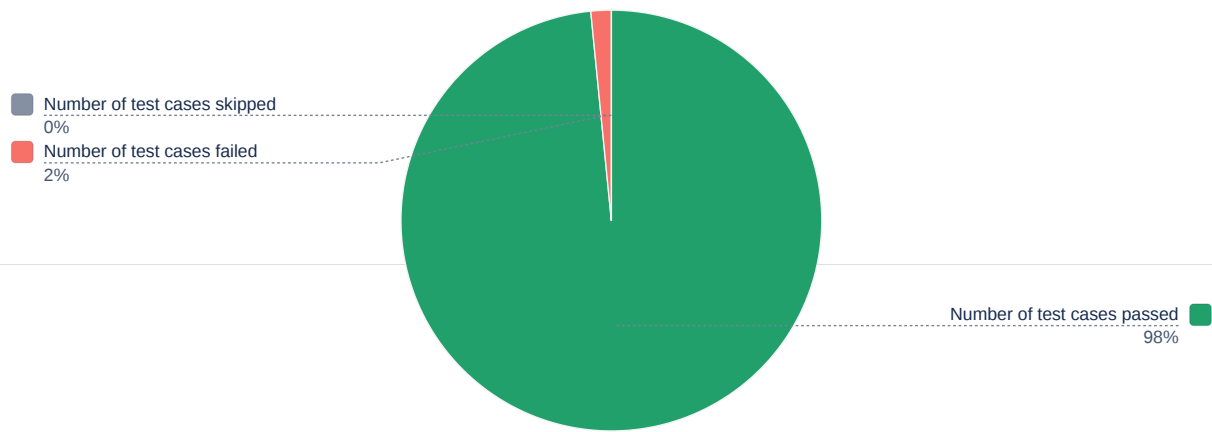Number of defects with CRITICAL severity
100%
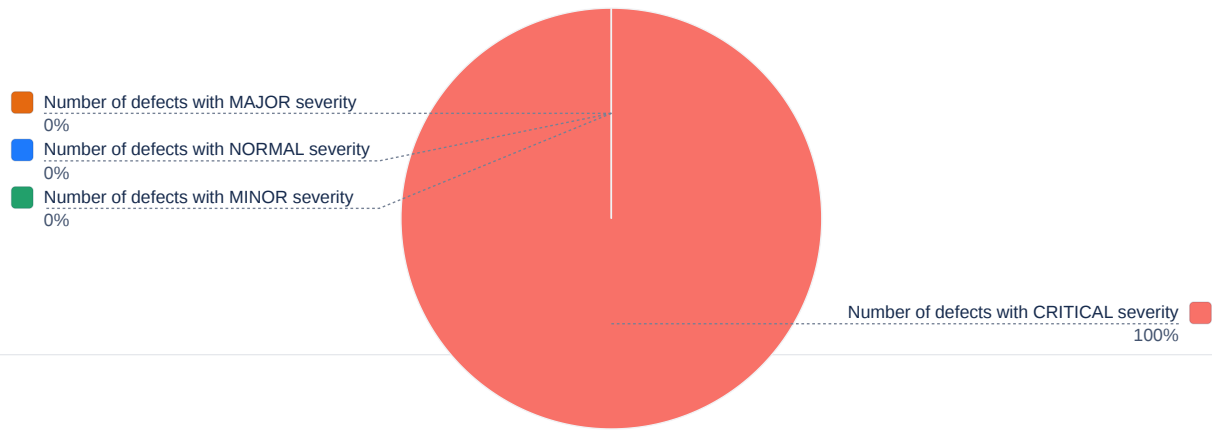
Tests on the Mozilla Firefox browser

Fraction	0.98

Total number of test cases	68
Number of testcases executed	64
Number of testcases non executed	4

Test execution rate

Number of testcases non executed
6%

Number of testcases executed
94%

Number of testcases executed	64
Number of test cases passed	63
Number of test cases failed	1
Number of test cases skipped	0

Completion stats

Number of test cases skipped
0%
Number of test cases failed
2%

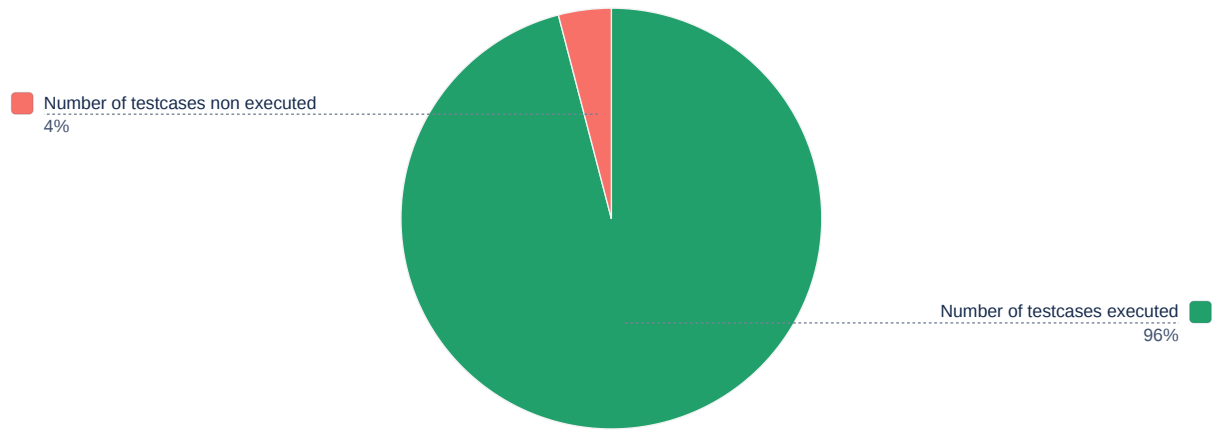Number of test cases passed
98%

Number of defects	1
Number of defects with CRITICAL severity	1
Number of defects with MAJOR severity	0
Number of defects with NORMAL severity	0
Number of defects with MINOR severity	0

Severity distribution of defects

Number of defects with MAJOR severity
0%
Number of defects with NORMAL severity
0%
Number of defects with MINOR severity
0%

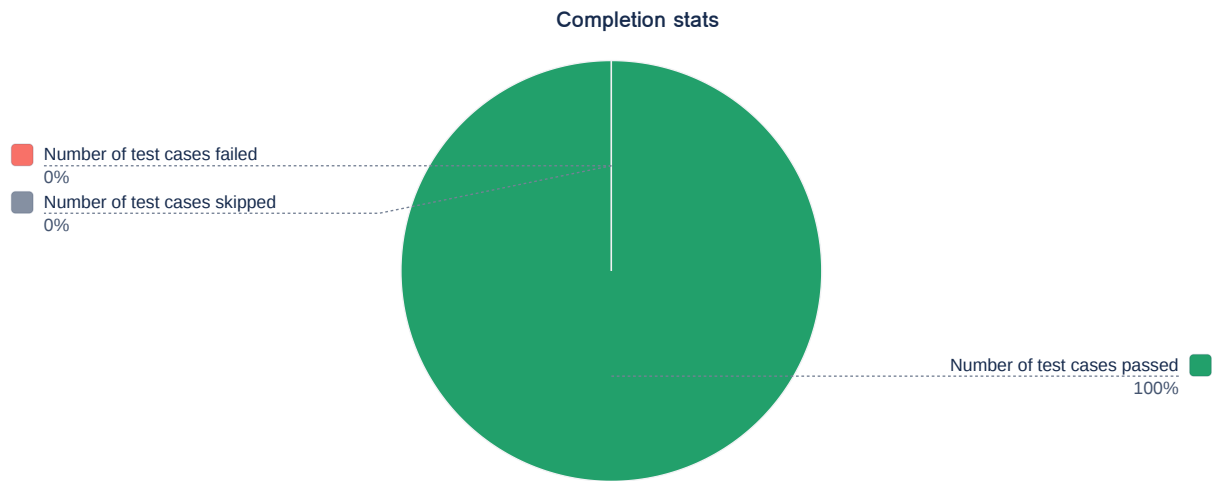Number of defects with CRITICAL severity
100%

Tests on the Chrome (mobile) browser

Fraction	**1.0**

Total number of test cases	74
Number of testcases executed	71
Number of testcases non executed	3

Test execution rate

Number of testcases executed	71
Number of test cases passed	71
Number of test cases failed	0
Number of test cases skipped	0

Defects 🔗

ID	D-001
Summary	Search field returns an empty string
Browser	• Google Chrome • Microsoft Edge • Mozilla Firefox
Pre-conditions	• Playwright readiness for testing • Updated browsers

	• Stable testing environment • No external disruptions • Website availability
Steps to Replicate	• Run search tests • Read test results
Expected result	• The string returned from the search field is not empty
Actual result	• The string returned from the search field is empty
Severity	MAJOR

Summary of the Testing Process 🔗

Both manual and automated tests were conducted. The tests were performed on three most commonly used browsers for desktop versions: Google Chrome, Microsoft Edge, and Mozilla Firefox, as well as Chrome browser for mobile devices. In order to conduct manual and automated tests on the mobile version of the site, necessary tools were installed and configured.

Conclusions 🔗

The conducted tests have demonstrated that all tested functionalities of the website are working correctly, in accordance with the requirements. The detected defect in the search functionality, which is an important part of user interaction with the tested subject, affects the automation of tests, but it has less significance for the end user, who can still use the search manually.