



**Școala
informală
de IT**

Test Report

Project Name: elefant.ro/

Document Date: **31.03.2021**



Table of Contents

Testing Scope	3
1.1. Test Environment	3
1.2. Testing Team	
Test Results	4
1.3. Executed Test Cases	5
1.4. Exploratory testing	5
1.5. Non-functional testing	5
1.6. Automated Test	5
Defects	5
1.7. New defects	5
1.8. Improvements	
Conclusions	6



Testing Scope

As part of the software testing course I chose to test an e-commerce merchant: elefant.ro/.

elefant.ro/ is already tested in production.

Product/Feature	Testing Period	Tested Builds	Deployment Date
On click functionality for main buttons	19.01.2021 – 22.01.2021	1.1	11.01.2021
Search bar	21.01.2021 – 29.01.2021	1.1	11.01.2021
Sign up	01.02.2021 – 05.02.2021	1.1	11.01.2021
Shopping cart	08.02.2021 – 12.02.2021	1.1	11.01.2021
Log in	15.02.2021 – 19.02.2021	1.1	11.01.2021
Account	22.02.2021 – 26.02.2021	1.1	11.01.2021
Footer	01.03.2021 – 05.03.2021	1.1	11.01.2021
Products	08.03.2021 – 12.03.2021	1.1	11.01.2021

1.1. Test Environment

Test Environment	Software Details	Comments
Production	Laptop Intel(R) Core(TM) i3-7100U CPU @ 2.40GHz	
Production	AMD Phenom(TM) 8450 Triple-Core Processor 2.10GHz	
Production	Windows 10, Chrome/88.0.4324.182	
Production	Windows 10, Chrome/88.0.4324.182	
Production	IOS 14.4, Android 10	



1.2. Testing Team

Role	Name	Comments (e.g. test effort h)
Junior Tester	Maria Manuela Iordache	60 h

Test Results

1.3. [Executed Test Cases](#)

Functionality	Total	Pass	Failed	Blocked	Not Run	Defects
Home page	8	6	2	0	0	0031676 , 0031675
Search bar	4	3	1	0	0	0031951
Sign up	5	3	2	0	0	0031668 , 0031667
Shopping cart	11	11	0	0	0	
Log in	3	2	1	0	0	0031677
Account	11	11	0	0	0	
Footer	8	8	0	0	0	
Products	3	3	0	0	0	
Overall Results	53	47	6	0	0	6

1.4. [Exploratory testing](#)

Using Exploratory testing, I make scenarios in order to have a proper overview and to better understand the scope of testing

Functionality	Defects
Sign up	0031958 , 0031959
Search bar	0031952 , 0031953 , 0031954 , 0031955 , 0031956 , 0031957



1.5. Non-functional testing

Product/Feature	Total	Pass	Failed	Blocked	Not Run	Defects
Compatibility	12	9	3	0	0	0031670 , 0031671 , 0031672
Response Time for Home page	1	1	0	0	0	
Load Test for Main Page	0	0	0	0	1	
Stress Test for Shopping Cart	0	0	0	0	1	
Overall Results	12	10	3	0	2	

1.6. Automated Test

Functionality	Total	Pass	Failed	Blocked	Not Run	Defects
UI	2	2	0	0	0	0
API	9	8	1	0	0	0

[Defects](#)

1.7. New defects

Defect ID	Defect summary	Severity
0031667	New account: create an account with an invalid email	normal
0031668	New account: the user is not receiving a validation email	normal
0031670	Log out at once from all devices is not happening	normal
0031671	Shop using two devices in the same time is not possible	normal
0031672	The Favorites section on two devices is not synchronized	normal
0031675	Back button: The user is not redirected to login page	normal
0031676	Dezactivare cont is inactive	normal
0031677	Authenticate with Yahoo is not available	normal
0031951	Search bar: Click without typing and then press enter	normal
0031952	Search bar: Type one letter and press enter	normal
0031953	Search bar: Type a number and press enter	normal
0031954	Search bar: Type special chars and press enter	normal
0031955	Search bar: Type alphanumeric characters and press enter	normal



Defect ID	Defect summary	Severity
0031956	Search bar: Type a piece of script and press enter	normal
0031957	Search bar: Type an URL and press enter	normal
0031958	Sign up with special chars	normal
0031959	Sign up: insert email address as a password	normal

Improvements

1.8. Improvements

Improvement ID	Improvement summary	Severity
0031678	New account: the field for telephone number does not exist	normal
0031674	New account: Terms and conditions regarding personal data are not available	normal
0031673	Sign up does not have CAPTCHA	normal

Conclusions

[elefant.ro/](#) is fully ready for release. Due to time limitation only 60% of the application was covered using Smoke and Exploratory testing. Smoke Test Cases, for the main functionalities in a percent of 100% are executed, 90.5% passed and 9.5% failed. The failed test cases are related to the Home page, Search bar, Sign up and Log in functionalities. A total number of 6 bugs were identified and these are identified as minor severity. No bugs were validated.

Most of the bugs (8 bugs) and improvements (3 improvements) were identified by Exploratory testing. This type of testing was performed for functionalities like Sign up and Search bar.

Non-functional testing were performed: compatibility for different browsers and devices and a found was that the mobile application does not synchronized with desktop application. Load test and Stress Test were performed but are not applicable in production and for that reason test cases for them have status: “not run”.

Automated tests were performed: API testing using Postman and UI testing using Java Script.

Some improvements were added and more details are described at 1.8, these are not a critical *have to*, these improvements are *nice to have*.

Considering the number of identified bugs, on all above functionalities, the fixing of at least half of them is recommended, although the application is already in production.