

Testing Carturești Application

Test Summary Report

Contents

1. Purpose	2
2. Application Overview	2
3. Testing scope	2
4. Metrics	2
5. Testing Results	4
6. Types of testing performed.....	4
7. Test Environment & Tools.....	5
8. Recommendations	6
9. Exit Criteria.....	6
10. Conclusion.....	6

1. Purpose

This document details the activities conducted to test the Cărturești application.

2. Application Overview

The Cărturești application allows users to explore and purchase books and other products, check events, manage their personal accounts, and save favorite items for future reference. The main modules include Site Navigation, Product Catalog, Search, Wishlist, Shopping Cart, Checkout Process, and User Account.

3. Testing scope

a) **In Scope:**

Specifies the functionalities tested, including:

- Browsing the product catalog
- Verifying overall site structure to ensure intuitive navigation.
- Product search functionality
- Adding items to the cart and completing purchases
- Managing user accounts
- Ensuring users can add products to their wishlist

b) **Out of Scope:** Defines functionalities that were not included in this testing phase, such as:

- Performance testing on slow networks

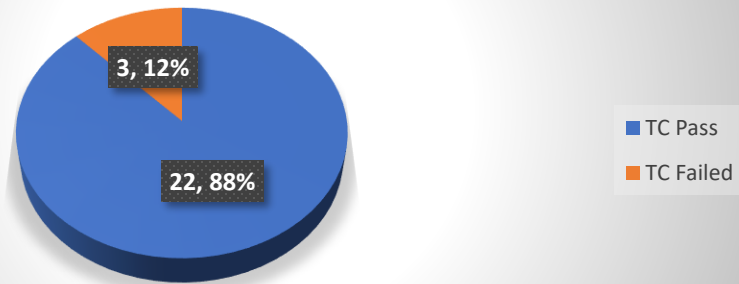
4. Metrics

c) No. of all test cases planned vs executed

d) No. of all test cases passed/failed

Test cases planned	Test cases executed	Test cases Pass	Test cases Failed
25	25	22	3

Test Cases Pass vs Failed

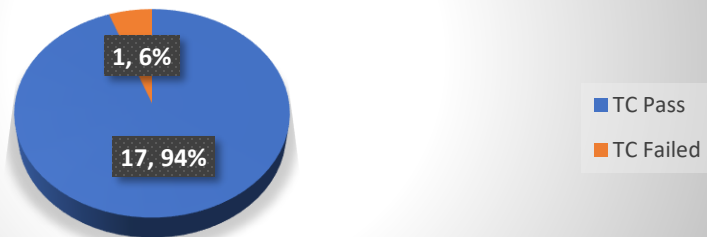


e) No. of smoke test cases planned vs executed

f) No. of smoke test cases passed/failed

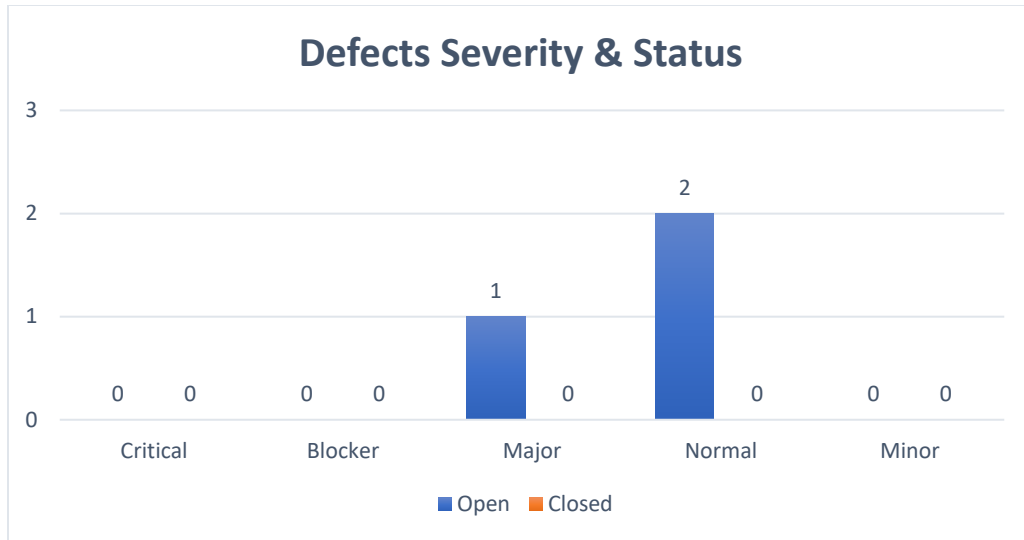
Test cases planned	Test cases executed	Test cases Pass	Test cases Failed
18	18	17	1

Smoke Testing - Test Cases Pass vs Failed



g) No of defects identified and their Status & Severity

	Critical	Blocker	Major	Normal	Minor
Closed	0	0	0	0	0
Open	0	0	1	2	0



5. Testing Results

Following the testing of the Cărturești application, three main bugs were identified and documented, with varying severities (1 major bug and 2 normal bugs) that could impact user experience. The tests covered critical functionalities of the application, including site navigation, product search, shopping cart management, and the registration process.

The identified defects were as follows:

- Lack of Basic Functionality in the Search Button (on the homepage), preventing the initiation of a search.
- Non-Editable Quantity Field in the shopping cart pop-up window, affecting the user's purchasing experience.
- Absence of a "Confirm Password" Field in the registration form, which could compromise the security of user accounts.

A total of 25 test cases were planned and executed, of which 22 were successfully completed, and 3 failed due to the identified issues. Additionally, all smoke testing was conducted, with only one minor problem identified.

6. Types of testing performed

a) Exploratory testing

Exploratory testing was conducted to uncover unexpected issues and gain insights into the Cărturești application's behavior across various scenarios. By exploring the app without

predefined test cases, testers became familiar with its features and identified usability issues and potential defects, enhancing the overall understanding of the application.

b) Smoke testing

Smoke testing was conducted to verify the basic functionalities of the Cărturești application in the test environment. This testing aimed to ensure that key workflows, such as navigation, user authentication, and shopping processes, were operational.

c) Positive Testing

Positive testing was conducted to verify that the Cărturești application behaves as expected when valid scenarios are executed. This involved testing user actions such as successfully placing orders and updating account details to ensure that the application functions correctly under normal conditions.

d) Negative Testing

Negative testing was conducted to assess the Cărturești application's response to invalid inputs and scenarios. This included verifying that the search functionality appropriately handles queries for non-existent products and ensuring that users cannot finalize an order without providing complete delivery information. These tests aimed to confirm that the application effectively prevents erroneous actions and provides clear error messages to guide users.

e) UI Testing

UI testing focused on evaluating the visual elements and layout of the Cărturești application to ensure they align with design specifications. This testing involved checking the appearance and functionality of components such as buttons, menus, forms, and icons across different devices and screen sizes. The goal was to verify that the user interface is visually appealing, consistent, and user-friendly, providing a seamless experience for users while interacting with the application.

f) Usability Testing

Usability testing was conducted to evaluate the user experience of the Cărturești application. This included observing users as they navigated the app, particularly during the registration process and while searching for products. The aim was to identify any challenges users faced, gather feedback on their interactions, and pinpoint areas for improvement to enhance the application's overall usability and accessibility.

7. Test Environment & Tools

Application URL	https://carturesti.ro/
Operating System	Windows
Browser(s)	Chrome, Opera, Microsoft Edge
Device(s)	Desktop and Mobile

8. Recommendations

To meet exit criteria and ensure an optimal user experience, it is recommended to address the following bugs before the application launch:

- Implement the search functionality for the button on the homepage.
- Enable editability of the quantity field in the shopping cart pop-up.
- Add the "Confirm Password" field to the registration process.

9. Exit Criteria

- a) All test cases should be executed – Yes
- b) All defects in Major and Normal severity should be verified and closed – No

10. Conclusion

The Cărturești application demonstrates an acceptable level of stability and functionality; however, some adjustments are necessary to ensure an optimal user experience. Addressing the identified defects will enhance the application's performance and increase user satisfaction. After implementing these solutions, the application can be considered ready for general use.