



Raport z wykonania Planu Testów

Projekt testowy: Testowy projekt

Plan testu: Test plan for the online shop

Zestaw testów: Product in order card

Wydrukowany przez TestLink dnia 16.11.2023

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Spis treści

1.1.Product in order card

TP-701: Adding product to the order card

TP-702: Removing product from the order card

Plan testu: Test plan for the online shop

Test plan for the online shop: <https://test.testowanie-oprogramowania.pl/>

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1. Introduction

The purpose of the test plan developed is to test in detail:
the functionality of the store based on the requirements supplied. The store 's address is: <https://test.testowanie-oprogramowania.pl/>

2. Scope of tests

Test levels covered by the test plan:

- unit testing
- integration testing
- acceptance testing

Types of tests included in the test plan:

- functional tests - the software will be verified for the specifications supplied
- integration testing - testing of API's communication
- automatic tests - implementation of automated tests to key system functionalities according to number of test cases delivered

Types of tests excluded from the test plan:

- safety testing - lack of competence of the people in the team related to the field of pentesting

3. Subject of tests

The subject of the tests is the online shop available at <https://test.testowanie-oprogramowania.pl/> with all its functionalities.

4. Criteria for inclusion

Performance tests:

- server response time no longer than 500 ms

- the software must withstand a load of 1000 users at the same time

Functional tests:

- acceptance criteria are in line with the current implementation of the online shop

Automatic tests:

- all test cases are automated
- tests are connected to the tool CI/CD - Jenkins

5. Criteria for exclusion

Performance tests:

- server response time greater than 500 ms

Functional tests:

- implemented functionalities are not compliant with requirements

6. Entry criteria

- running test environment
- the test environment shall be close to the environment of production
- access to an iOS device

7. Exit criteria

- all test cases are completed
- all test types and levels included in the test plan are completed
- all defects are corrected

8. List of test functionalities

- product search engine - test cas 001
- ordering process - test case 002
- integration with the przelewy24 system - test case 003
- administrative panel - test case 004

9. The test environment

The tests of the online shop will be carried out on dedicated server <https://test.testowanie-oprogramowania.pl/>. The test environment is similar in parameters to the environment of production.

Specifications:

- Processor: 2 GHz
- RAM: 4GB
- Disc: 240 GB
- System: Linux Debian 17

The test will be performed using the following devices:

PC - Processor i3 3,6 GHz RAM: 16 GB

Mobile device with IOS Iphone 13 - processor: Apple A15 Bionic RAM: 4 GB iOS version 16

10. Categories of errors

- critical
- blocker
- major
- minor
- trivial

11. Location of tests

The tests will be carried out at the premises of the manufacturing company software by a tester.

12. Schedule of tests

Static tests:

- verification of prepared documentation
- verification user stories

Time: 10h

Functional tests:

- verification of implemented functionalities according to the prepared assumptions
- reporting of defects
- execution of test cases

Time: 30h

Performance tests:

- verification of the server response time
- verification of server load by users

Time: 14h

Automatic tests:

- implementation of automatic tests based on provided test cases
- connecting tests to the Jenkins tool
- connecting tests to the Grafana tool

Time: 40h

13. Test reports

- reports of detected defects
- designed test cases
- automated test scripts
- metrics from performance tests

14. List of tools

Tools for reporting defects: Jira

Tools for creating test cases: TestLink, XRay

Tools for automation: WebdriverIO, Jenkins, Grafana

Tools for performance testing: JMeter

Tools for creating screenshots and screen record: PicPick, ShareX

15. Incident management

Once the defect is detected, it will be reported to the defect management system - Jira. The defect has a priority indicated in the test plan and a person who will be responsible for correcting the error. After repair defect, it will be forwarded to a tester for retest.

When the defect is properly repaired, the report will be closed.

In case of incorrect repair of the defect, the request will be re-submitted to the developer.

16. Roles and responsibility

Test manager - supervises and organizes the work of the entire testing team.

Test analyst - analyzes the basis of the tests. Preparations the test materials needed for the tests. Supports the test manager.

Tester - performs tasks assigned by the test manager, performs tests and reports defects.

System technical administrator - prepares the test environment and supervises it during the testing process.

1.1.Zestaw testów : Product in order card

Testing features related to product in order card.

Przypadek testowy TP-701: Adding product to the order card [Wersja : 1]				
Autor przypadku:		joa.lacka@gmail.com		
Cel testu:				
Verification functionality of adding the product to the card.				
#:	Opis operacji:	Spodziewane rezultaty:	Uwagi do kroku:	Status wykonania kroku:
1	Open https://test.testowanie-oprogramowania.pl/ website	The page loaded correctly		Pozytywny
2	Click on the tab "Shop".	The list of products will be displayed.		Pozytywny
3	Click on the first product from the list.	Detailed product information is displayed.		Pozytywny
4	Click on the button "Dodaj do koszyka".	Message appears: "Postcard V1" został dodany do koszyka.		Pozytywny
5	Click on the button "Zobacz koszyk"	The product is added to the order card.		Pozytywny
Typ wykonania:		manualne		
Szacowany czas wykonania (min):		5.00		
Priorytet:		Wysoki		
Wymagania		Brak		
Słowa kluczowe:		Brak		
Szczegóły wykonania przypadku				
Wydanie		Version 0.0.1		
Tester		joa.lacka@gmail.com		
Wynik wykonania:		Pozytywny		
Typ wykonania:		manualne		
Szacowany czas (min):		5.00		

Przypadek testowy TP-702: Removing product from the order card [Wersja : 1]				
<u>Autor przypadku:</u>		joa.lacka@gmail.com		
<u>Cel testu:</u>				
Verification of product removal from the cart.				
<u>Warunki początkowe:</u>				
The product is added to the order card.				
<u>#:</u>	<u>Opis operacji:</u>	<u>Spodziewane rezultaty:</u>	<u>Uwagi do kroku:</u>	<u>Status wykonania kroku:</u>
1	Open https://test.testowanie-oprogramowania.pl/ website	The page loaded correctly		Pozytywny

2	Click on the basket icon.	Box with the products is opened on the right side.		Pozytywny
3	Click on the button "Zobacz koszyk"	Message appears: "Twój koszyk aktualnie jest pusty."		Pozytywny
<u>Typ wykonania:</u>	manualne			
<u>Szacowany czas wykonania (min):</u>	5.00			
<u>Priorytet:</u>	Wysoki			
<u>Wymagania</u>	Brak			
<u>Słowa kluczowe:</u>	Brak			
Szczegóły wykonania przypadku				
Wydanie	Version 0.0.1			
Tester	joa.lacka@gmail.com			
<u>Wynik wykonania:</u>	Pozytywny			
<u>Typ wykonania:</u>	manualne			
<u>Szacowany czas (min):</u>	5.00			

Metryki czasów wykonania przypadków

Oszacowanie czasu wykonania przypadków testowych (min):10

Czas użyty na wykonanie przypadków testowych (min):10