**Test Plan**

<https://rozetka.com.ua/>

Version <1.0>

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 10/08/22 | 1.0.x | Create | Vorovik H.M. |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

[**1. Introduction**](#_heading=h.f35kt9rv9dsd) **4**

[1.1 Purpose](#_heading=h.7u90zem2v2h4) 4

[1.2 Background](#_heading=h.3znysh7) 4

[1.3 Goals of testing](#_heading=h.nh7ue86lr7w0) 4

[1.4 Scope of testing](#_heading=h.l71dipa2f2xc) 4

[1.4.1. Scope](#_heading=h.ea081zhqrpr3) 4

[1.4.2. Out of scope](#_heading=h.si0diwqggx1v) 4

[1.5 Risks](#_heading=h.i2eev8bg56k) 5

[**2. Requirements for Test**](#_heading=h.1t3h5sf) **5**

[2.1 Testing entry criteria](#_heading=h.8qaxfgyp5me0) 5

[2.1 Testing exit criteria](#_heading=h.2s8eyo1) 5

[**3. Test Strategy**](#_heading=h.gdazy7wmhb4m) **5**

[3.1 Testing types](#_heading=h.3rdcrjn) 6

[3.1.2 Functional testing](#_heading=h.lnxbz9) 6

[3.1.2 Cross-browser testing](#_heading=h.4d34og8) 7

[3.1.3 UI/UX testing](#_heading=h.hv407t8ggwwg) 7

[3.1.4 Regression testing](#_heading=h.uj9fx73h4h2m) 7

[3.2 Types of testing that will not be conducted](#_heading=h.gl7odpvmrf0a) 8

[3.3 Tools](#_heading=h.3j2qqm3) 8

[**4.Resources**](#_heading=h.r841raer313d) **8**

[4.1 Roles](#_heading=h.vh8xe5opiw5y) 8

[4.2 System](#_heading=h.ciu317nbz9af) 9

[**5. Deliverables**](#_heading=h.1hmsyys) **9**

[**6. Estimation**](#_heading=h.oz2y63maff2z) **10**

# 

# 1. Introduction

## 1.1 Purpose

The purpose of this test plan is to describe the process of testing the site <https://rozetka.com.ua/> The document allows you to get an idea of the planned work of testing the project:

* Determine which system components are to be tested
* To describe testing strategies.
* Identification of available resources.
* List testing output documents

## 1.2 Background

The site https://rozetka.com.ua/ is an online store and marketplace. The site allows users to search, browse, leave comments and buy a variety of products from both the seller Rozetka and third parties.

## 1.3 Goals of testing

The purpose of testing the site - to check the proper functioning of the site, its convenience to users; test the correctness of some of its sections and functions in different browsers with standard scenarios for its use in the testing process.

The outcome of the testing process will be the following materials:

* Checklists documented in Google Sheets
* Test cases documented in Google Sheets
* Bug reports documented in Google Sheets
* Test report about the work done as a presentation

## 1.4 Scope of testing

### 1.4.1. Scope

* Purchase
* Registration/Authorization
* My Cabinet
  + My personal data
  + My orders
  + Wish List
  + Products Viewed
  + Premium Subscription

### 1.4.2. Out of scope

Due to time and resource limitations will not be tested:

*In myAlpari:* Newsletters, My Wallet, Bonus Account, My Reviews, My Correspondence, Participation in Promotions

*On the site:* Partners, Services, About the Company, Help, Outlet Points, We are in social networks, Help Center.

## 1.5 Risks

| **Risk** | **Solution** |
| --- | --- |
| Due to limitations in the number of human resources is a risk of failing to meet the anticipated deadline for the completion of testing the site as our only employee can happen force majeure | Find an employee for a temporary substitute. |
| Equipment failure | Have spare equipment available in case the main equipment fails |
| Unstable Internet | * VIP rate at the provider * Possibility to connect to a backup provider |

# 2. Requirements for Test

## 2.1 Testing entry criteria

The website must satisfy the user's need to register, search, view products and reviews, as well as order and pay for products on the site.

## 2.1 Testing exit criteria

* Checking all tests with documentation of all bugs found.
* no bugs with Critical severity
* no more than 3 bugs with severity Major
* no more than 5 bugs of Minor severity

# 3. Test Strategy

The test plan given here is formal, because to build a detailed plan it is necessary to understand the current state of the project. Changes and additions will be made to the test plan in the process of testing. Testing will be conducted from the end user's point of view in the role of a buyer (black box testing). Part of the time (about 20%) will be used to test non-typical/potentially error-prone usage scenarios. Also In the process of testing will be applied exploratory testing.

At the end of testing, a report on the work done will be given to the customer in the form of a presentation. All detected defects will be entered into the bug tracker in the form of separate tickets for further fixing.

*The following stages of the testing process are planned:*

1. Analysis of the project, making a test plan and test cases;
2. Conducting functional tests in parallel with cross-browser testing and documenting the defects found;
3. UI testing parallel to cross-browser testing and documentation of detected defects
4. Regression testing for checking the fixes of bugs found
5. Test report as a presentation

**ОS:**

* Windows 10
* MAC OS 11.6.8 (20G730)

**Browsers:**

* Google Chrome 103.0.5060.134
* Safari 13.1.2
* Mozilla Firefox 103.0.2
* Edge 104.0.1293.54

## 3.1 Testing types

### 3.1.2 Functional testing

**Goals:**

* Make sure that the tested functionality works as the user expects it to work
* Detect, locate and document any defects

**Methods:**

* Positive tests
* Negative tests

**Completion criteria:**

* All scheduled tests are running
* All defects found are documented

### 3.1.2 Cross-browser testing

**Goal:**

Test the correct operation and design of the product in different browsers. Will be conducted in parallel and simultaneously with other types of testing.

**Browsers:**

* Google Chrome 103.0.5060.134
* Safari 13.1.2
* Mozilla Firefox 103.0.2
* Edge 104.0.1293.54

**Completion criteria:**

* All scheduled tests are running
* All defects found are documented

### 3.1.3 UI/UX testing

**Goal:**

* Make sure that the interface provides access to all tested functions, and the appearance of the application complies with the accepted standards in the company and the industry
* Navigation conforms to business rules and requirements, and multiple navigation methods (mouse, hotkeys) are available
* All user interface objects comply with generally accepted standards

**Methods:**

* Create scripts that test the navigation of windows or pages.
* Create tests that check the state of objects on the screen.
* Create tests to verify that all elements meet standards.

**Completion criteria:**

* All scheduled tests are running
* All defects found are documented

### 3.1.4 Regression testing

**Goal:**

Check that previously fixed bugs have not reappeared and that newly added functionality and bug fixes will not cause deterioration of the product.

**Process description:**

After testing the fixed bugs the whole object will be tested in order to check if new bugs appeared in the process of fixing the old ones.

## 3.2 Types of testing that will not be conducted

Security testing, load and stress testing will not be carried out due to lack of resources, access to the test environment and properly qualified staff.

### 3.3 Tools

| **Destination** | **Tools** |
| --- | --- |
| Test Management | Trello |
| Bug tracking system | Google Sheets |
| Tool for creating test cases | Google Sheets |
| Tool for creating checklists | Google Sheets |

# 4.Resources

## 4.1 Roles

| **Employee** | **Name and qualifications of employees** | **Number of persons** | **Description** |
| --- | --- | --- | --- |
| Test Manager | Vorovik H.M  *trainee* | 1 | Provides management oversight.  Responsibilities:   * test plan creation * test strategy development * testing process supervision |
| Test author | Vorovik H.M  *trainee* | 1 | Responsibilities:   * develops checklists * Develops test cases * Evaluates the effectiveness of test efforts |
| Tester | Vorovik H.M  *trainee* | 1 | Executes the tests.  Responsibilities:   * runs tests * documents the bugs found * document change requests |

*The total number of people taking part in the test - 1.*

## 

## 4.2 System

| **Resources** | **Name/Type** |
| --- | --- |
| Test manager computer | MacBook Air (13-inch, Mid 2013)  ASUS S56 |
|  |
| Test author's computer | MacBook Air (13-inch, Mid 2013)  ASUS S56 |
|  |
| Tester's computer | MacBook Air (13-inch, Mid 2013)  ASUS S56 |

# 5. Deliverables

| **Document** | **Autor** | **Estimated Date** |
| --- | --- | --- |
| Checklists | Vorovik H.M | 01.09.2022 |
| Test cases | Vorovik H.M | 05.09.2022 |
| Bug reports | Vorovik H.M | 05.09.2022 |
| Test report | Vorovik H.M | 07.09.2022 |

# 6. Estimation

| **Tasks** | **Estimated time** | **Beginning** | **Closing** |
| --- | --- | --- | --- |
| development a test plan | 14 | 05.08.2022 | 10.08.2022 |
| development of a test strategy | 5 | 07.08.2022 | 10.08.2022 |
| creation of checklists | 9 | 12.08.2022 | 15.08.2022 |
| creation of test cases | 12 | 16.08.2022 | 29.08.2022 |
| testing process | 2 | 01.08.2022 | 01.09.2022 |
| Test report | 5 | 05.09.2022 | 09.09.2022 |

*\*\* Estimation calculations were carried out using the three-point method*