

DDStepOnlineRomania

-Test Plan-

Revision History

Date	Description	Author	Comments
20.02.2024	Test Plan for version 4.5	Anamaria Marta	Version 1

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1. Introduction

DDStepOnlineRomania is a website dedicated to promoting and selling children's shoes. The shoes that the website promotes are especially created for a good development of children's feet and walk. The soles are flexible or barefoot, with or without supination.

1.1. Project Objective

Continuous improvement of the website, user friendly interface.

1.2. Functionalities in scope

Functionalities included in the release:

Login Module

Boys Module

The Login and Boys module will be tested.

Web testing will be performed on different browsers.

The ability of the user to create and sign in into account will be tested

The ability of the user to find items in the Boys section will be tested, filters and the ability to put items in the cart.

Testing will be done with positive and negative values.

Retesting after bug fixes will be performed.

Regression testing will be performed.

1.3. Functionalities and tests out of scope

No QA support for mobile applications developed. Only web applications will be tested.

2. Test process

2.1. Test planning

The Test Plan is designed to describe all details of testing for all the modules from the DDStepOnlineRomania application.

The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan

Roles and responsibilities

- **Project manager - Andrea Matei**
- **Product owner- Adrian Ionescu**
- **Software developer- Ovidiu Alexandru**
- **QA Engineer- Anamaria Marta**

Entry criteria:

- smoke test passed (being the most basic type of test, this is a very important entry criteria in the process of testing)
- testing environment is up and running

Exit criteria:

- 90% of tests are passed
- no Critical issues have Open status
- update tests are 100% passed (update tests will not generate other new issues that impact the application)

Risks:

Project

- Failure to meet the deadline
- Inexperienced employees
- Reduced number of staff
- Human resources unavailable/medical leave
- Inefficient allocation of resources
- Out of date equipment/laptops

Product

- Inability to meet customer requirements
- The user's lack of trust in the website

- Security of personal data
- Low quality of non-functional parameters
- Incompatibility with Android/Ios device
- Cross-platform compatibility

2.2 Test analysis

The testing process will be executed based on the application requirements.

[Link](#) to test conditions found.

2.3 Test design

Functional test cases were created in Zephyr Squad based on the analysis of the specifications.

[Link](#) to test cases.

2.4 Test implementation

The following elements are needed to be ready before the test execution phase begins:

- test data
- testing environment
- prioritization and grouping of tests

2.5 Test execution

Test cases are executed on the created test Cycle summary: DDStep version 4.5

Bugs have been created based on the failed tests. The complete bug reports can be found [HERE](#)

The following is a summary of the bugs that have been found:

- The user can create an account with an invalid e-mail, priority high, severity moderate
- The option to change the user's password is missing from the account page, priority high, severity moderate

Full regression testing is needed on the impacted areas after the bugs are fixed and retesting will be done for every functionality that was previously failed.

2.6 Test closure

Test Completion as the Exit criteria were met and satisfied as mentioned in the appropriate section, this feature is suggested to 'Go Live' by the Testing team

[Traceability Matrix](#)

[Execution chart](#)

2.7 Test monitoring and control

Test monitoring helps in identifying and managing risks associated with the testing process.

Test monitoring and control steps:

- Create Monitoring Plan
- Update progress record
- Analyze record and make the adjustment
- Produce the report

3. Test deliverables

3.1. Test plan

-[link](#)

3.2. Test conditions

-The test conditions will be created based on the business requirements validated in the test analysis phase and will represent the features to be tested and transformed into test cases.

3.3. Test cases

-[link](#)

3.4. Daily test summary report

-[link](#)

3.5. Traceability matrix

-[link](#)

3.6. Test case results

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4. Bugs report

[-link](#)

4.1. Test completion report

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