OLX.RO
- Test Plan -

Revision History

Date	Description	Author	Comments
01.04.2024	Test Plan for olx.ro	*Armand Dascalu*	Test plan version 1.0

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1.Introduction

olx.ro is an application that connects sellers and buyers of new or used things through ads and messages that can be sent between users.

1.1 Project Objective

The objective of this application is to increase the trust in the quality of the application, to find defects in the live software application, to evaluate the product risks of the application, and to send back to the stakeholders information with regards to the testing process and the level of quality of the application after the improvement process.

1.2 Functionalities in scope

For this version of the application the functionalities in the scope of testing are:

For the menu **Contul tau**, the functionalities in scope for testing are the following modules: **Anunturi, Mesaje, Curier** with special emphasis on filling out the forms. They are related to the management of the ads, messages and couriers.

Throughout the testing process we will perform black box testing, functional testing , positive testing and negative testing and also, as needed, we will perform retesting and regression testing.

Some other types and techniques of testing will be decided accordingly after requirement analysis.

1.3 Functionalities and tests out of scope

- All the other modules except **Contul tau (Anunturi, Mesaje, Curier)** will not be tested throughout this project (for which this the test plan is being done)

- Non-functional testing like performance (stress testing, load testing, volume testing, scalability testing, spike testing) and security is beyond the scope of this project.
- No QA support for mobile applications developed. Only web applications will be tested.
- Automation testing is beyond scope

2. Test process

2.1 Test planning

Roles and responsibilities

Role 1	Test Lead - Will supervise testers and monitor the proper functionality of the test process, the involvement of the teams and the reach of the defined deadlines
Role 2	Will test module Anunturi (adauga, dezactiveaza, sterge etc)
Role 3	Will test module Mesaje (raspunde, sterge, raporteaza, blocheaza)
Role 4	Will test module Curier (comanda, vezi detalii, anuleaza etc)

Entry criteria:

- Business requirements are completed by the analysis team and are delivered to the appropriate testing team for evaluation
- Potential project risks are detected and mitigated
- Roles and responsibilities are allocated
- Test plan should be finalized before entering the next phase of testing
- Define the objectives of testing and the accepted level of quality

Exit criteria:

- 90% or more of the tests are passed
- No critical issues have status open
- All detected errors have been reported and closed
- The budget was reached
- The deadline was reached
- The objectives were fulfilled

- The product usage documentation has been finalized with the scenarios evaluated during the testing phase
- Test completion report has been created and sent to the stakeholders
- Product risks have been identified and mitigated

Project risks:

- The team does not have the proper knowledge or experience in order to guarantee the desired level of quality for the application
- Not enough time has been allocated in order to properly test and cover all the functionalities in scope
- All the data that is going to be used will have to be created explicitly in the scope of testing, which will cut off from the time allocated for testing, generating a risk of not reaching the deadline

Product risks:

- All the data that is going to be used will be test data, which will not give us an experience of the application close enough to the ones that the user will experience
- Taking into account that only 3 modules from menu **Contul tau** are in the scope of testing, the rest of the modules will still be at risk of not fulfilling the user needs

2.2 Test analysis

- In this phase we will analyze the business requirements that were provided and we will create test conditions based on the received requirements.

2.3 Test design

- In this phase we will create the test cases based on the previously defined test conditions to ensure that we will be covering all the functionalities that are in scope of this project.
- The test data that will be needed will be identified in this phase based on the identified data necessities from the created test cases

2.4 Test implementation

- We make sure that all the test data is available and reviewed
- We make sure that the setup environment is up and running
- We make sure that we have all the needed access and permissions to all the systems involved in the validation process
- We prioritize the tests based on risks and business priority

2.5 Test execution

- The tests will be executed on Mozilla browser
- We will create bug reports when the expected results that were defined in the test cases are different from the actual results
- We will perform retesting and regression testing to make sure that all the bugs have been fixed and no previously working functionality was not affected by the changes
- We will generate the test status reports once a week and send them to the management team in order to provide them with means to monitor the testing process and take measures in case new risks are identified

2.6 Test closure

- We will evaluate the exit criteria and we will make sure that it was fulfilled in order to green light the launching of the new product version into the production environment
- We will generate the test completion report and send it to stakeholders in order to inform them about the testing process results and enhance them with the ability to make informed decisions with regards to the product launching
- All the product risks will be detected and mitigated or a contingency plan has been set in place
- All the performed test cases will be executed in the test management tool and all the remaining bugs that have been retested and fixed have been closed
- Regression testing will be performed and no other issues have been detected
- Learned lessons will be gathered and collected into a common improvement plan in order to enhance the improvement of the next testing processes

2.7 Test monitoring and control

- We will evaluate the test status reports and monitor them all throughout the testing process in order to ensure a smooth testing and team collaboration and in order to make sure that new risks are identified in time and managed accordingly
- In case new risks will appear they will be mitigated or a contingency plan will be set in place to make sure that the negative effects will not stop us from fulfilling the testing objectives that were defined in the planning phase

3. Test deliverables

The following test deliverables will be provided by the end of the testing process and sent to the stakeholders in order to create the basis of informed decision:

- Test plan
- Test conditions
- Test cases
- Daily test summary report
- Traceability matrix
- Test case results
- Bugs report
- Test completion report

4. Schedule

- The testing process will take place over a period of 1 month and will involve all the activities defined in the previous section
- All the resources will be adapted accordingly in case new testing resources are detected as necessary