

CATs app

Test Strategy

Revision History

| Date | Version | Author | Description |
|------------|---------|--------|-------------------------------|
| 23/09/2023 | 1.0 | Denys | Test Strategy (Basic Version) |
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1. Scope

- Who will review the document?

QA Engineer

- Who will approve this document?

QA Lead and Project Manager

- Testing activities carried out with timelines

Testing, retesting, regression tests and corresponding reports

2. Test Approach

It defines

- Process of testing

Mainly Manual testing (regressions might be performed automatically)

- Testing levels

Unit, integration, system and acceptance levels

- Roles and responsibilities of each team member

QA engineer - prepare test environment and test data. Test execution. Weekly progress reporting.

QA Lead - Main test documentations review. Test supervising, monitoring and control. Final test completion reporting.

- Types of Testing

All functional and non-functional testings

3. Test Environment

- Define number of requirement and setup required for each environment

Latest models of:

- ***mobile phone + tablet on Android***
- ***mobile phone + tablet on iOS.***

- Define backup of test data and restore strategy

Test data is stored on a dedicated cloud storage

4. Testing Tools

- Automation and Test management tools needed for test execution

Main tools are:

- ***Jira (free version) for whole QA team***
- ***Testrail (trial version) for whole QA team***
- ***Trello (free version) for whole project team***

5. Release Control

- Release management plan with appropriate version history that will make sure test execution for all modification in that release
- *The 1.0. version should be released on the 1st of January 2024*
- *The 1.1. version should be released on the 1st of February 2024*
- *The first big update (version 2.0.) is planned on the 1st of June 2024.*

6. Risk Analysis

- List all risks that you can estimate
 - ***Installation risks - installation problems during installation procedures on old versions of Android and iOS***
 - ***Marketing risks - marketing agency that should promote our app might increase its costs in the nearest few months***
 - ***Staffing risks - QA Lead decided to leave a company in the nearest future. So, it might happen exactly in the release phase***
 - ***Financial risks - our bank may close our credit line and stop financing our startup***
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- Give a clear plan to mitigate the risks also a contingency plan

This plan will be elaborated in the newest version of test strategy (2.0)

7. Review and Approvals

I have reviewed the document:

QA Engineer _____ ***(24.09.2023)***

I have approved the document:

QA Lead _____ ***(25.09.2023)***

Project Manager _____ ***(25.09.2023)***