**CATs app**

**Test Strategy**

**Revision History**

| **Date** | **Version** | **Author** | **Description** |
| --- | --- | --- | --- |
| *23/09/2023* | *1.0* | *Denys* | *Test Strategy (Basic Version)* |
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# 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***

# 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***

# 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***

# 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***

# 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.***

# 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***
* 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)***

# 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)***