**Β-TEAM TEST PLAN**

**v.1.0**

**Minsk, 2021**

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# Test Team

The team will consist of five testers:

1. Aleksandr Kovalchuk;
2. Diana Gaidai;
3. Dmitriy Chizhik;
4. Dzmitry Pimenau (as a team-lead);
5. Helen Puchina.

# Test environment

Operating systems used:

* Windows 7;
* Windows 10;

Browsers used:

* Google Chrome;
* Edge.

Test environment for team members:

* Helen Puchina: Windows 10, х64; browser Google Chrome;
* Dzmitry Pimenau: Windows 7 x64; browser Google Chrome;
* Diana Gaidai: Windows 7 x64; browser Google Chrome;
* Aleksandr Kovalchuk: Windows 10 x64; browser Edge.
* Dmitriy Chizhik: Windows 7 x64; browser Google Chrome.

# Test approaches used during testing

The following test approaches will be applied

* By type of testing:
* Functional;
* Non-functional.
* By automation method:
* Manual.
* By running the code for execution:
* Dynamic;
* According to the principle of working with the application:
* Positive;
* Negative.
* By the test method system:
* black-box method.
* By the degree of formalization:
* Check-list based;
* Test case based;
* Exploratory.

# Application functionality

The Traqq B app is a time tracker.

This app allows you to track information

- about your activities, including the time when you were active,

- the percentage of time you were active,

- data-based statistics

- can track and give information about the use of working time by members of your company.

# FUNCTIONALITY TO BE TESTED

What will be tested:

* online version of the Traqq B app.

What won't be tested:

* desktop version of the Traqq B app.

# Start and end time of testing

Start of testing:

* April 12, from the moment of receiving the task for testing the application.
* Allotted Testing Time:
* Drawing up a checklist: 1 day (13.04.2021)
* Preparation of test cases 1 day (15.04.2021)
* Test case execution, error reporting, TRR compilation: 2 days (17-18. 04. 2021)
* Preparation for the final report: 2 days (19-20. 04. 2021)

Final report on the work done:

* The deadline is set for April 21.

# Estimation of the time of test activities

The approximate time that will need to be spent on the execution of test activities:

* Drawing up a checklist:
* 4 man-hours (for each team member).
* Preparation of test cases:
* 8 man-hours (for each team member)
* Test case execution, error reporting, TRR compilation:
* 8 man-hours (for each team member)
* Preparation for the final report:
* 6 man-hours (for each team member).
* Total man-days for the entire team:
* 130 man-hours.

# Distribution of tasks among team members

Helen Puchina:

* Check list (UI and main functions);
* Test cases (Dashboard & Reports);
* Bug report (Activity & Download);
* TRR (Activity & Download).

Dzmitry Pimenau:

* Check list(People, Settings);
* Test cases (Log-in(incl. installation));
* Bug report (UI and main functions);
* TRR (UI and main functions).

Diana Gaidai:

* Check list (Log-in(incl. installation);
* Test case (UI and main functions);
* Bug report (Dashboard & Reports);
* TRR (Dashboard & Reports).

Aleksandr Kovalcuk:

* Check list (Dashboard & Reports);
* Test case (Activity & Download);
* Bug report (People, Settings);
* TRR (People, Settings).

Dmitriy Chizhik:

* Check list(Activity & Download)
* Test case(People, Settings)
* Bug report(Log-in(incl. installation))
* TRR(Log-in(incl. installation))

# Risks

The analysis of the application and the testing conditions revealed the following risks:

- testing only the online version of the application will not allow you to identify all the important defects, since some of the functionality is tied to the desktop version of the application;

- testing using test cases for a limited time does not allow you to cover some of the functionality of the application with tests;

- since team members will be constantly changing modules, this will contribute to a greater waste of time on team interaction than when each team member tests their module from start to finish.

# DOCUMENTS TO BE PROVIDED AFTER THE TEST IS COMPLETED

Upon completion of testing, the following documents will be provided:

* Checklists for checking functionality in the format (Google table);
* Test cases for checking functionality in the format (Google table);
* Report on test results in the format (Google table);
* Presentation (Google presentation).