# FAQ

## General

What is the purpose of the application?

* The application is designed for professional use in mobile device development. the idea for the Project arose from the need for an application that detects ghost touches during environmental testing of the device. Detecting ghost touches and finding the root cause for them is an important part of the development of a high-quality mobile device.

Who owns the copyrights and license to use the application?

* The application is developed as a combined school and professional project by Anssi Kulotie. The application is currently not available for public distribution due to the possible incompleteness of the application for end use. Feel free to use and test the application if you somehow got your hands on it.

Is it possible to contribute or take part in project development?

* At this stage all comments and user experience-based suggestions are more than welcome. Financial participation is currently not accepted because the application is not designed for commercial use.

Is the application intended to be developed for commercial use?

* Maybe at some point. Currently the application is only developed as a school project for personal professional use.

## Features and user experience

Why does the application control display rotation and change the rotation in different screens?

* This is intended to happen. Recording of touch events is supposed to happen in portrait mode, while the content is still readable in landscape mode.

Why the recording is on when starting the application for the second time with a previous Device ID?

* This is intended to happen. The application is intended to launch automatically when the device reboots. Currently this feature is under development and not yet implemented.

What is the purpose of Maintenance Screen?

* Maintenance Screen is used to pause the touch event recording. It allows the user to use the device without accidentally causing touch events to be recorded. The maintenance screen also includes a display of 20 latest touch events. The event display and recording screens failure indicator can be cleared with the eraser button, this does not erase the log files recorded.

Why there can be only 1 log file at a time?

* This is intended. Support for storing multiple files might be developed later, if found necessary.

How can I export recorded log files? Can I use an external device or memory card?

* Expo filesystem works as a sandbox environment and does not allow access to log files through devices own file management. The log files can be exported from App to App, using the installed applications of your device. Nearby Share is also found efficient way to transfer the files. Using Firebase Backup is also an option, when developed further.

I accidentally deleted my log file; can I recover it?

* No, it’s gone as was warned in those Alert messages.

Is Heatmap reliable?

* The heatmap is not 100% reliable. The used device might affect the performance (usable screen area, navigation panels, etc.) The purpose of the heatmap is to help with on-screen visual analysis of ghost touch points. Recorded log files should be used for more accurate analysis.

## Code features

Why is your Firebase API key visible?

* Correct API key is visible for demo purposes. Firebase backup is currently an extra feature, which was required for the school project version of the application. Firebase features will be developed further in future and there will be major changes, including the API key visibility.

Why do you use Expo managed workflow?

* Using Expo allowed efficient development of the application at its first stage. It is known that Expo causes some problems and incompatibility with React Native components and libraries. Ejecting from Expo environment is likely to happen in future to allow more features to be developed.

Is the application compatible with iOS?

* Might be, not really tested at this stage. The initial development is done with Android using devices only and the application is designed to be used by a company which develops Android devices.