

## **Maintenance Manual**

### **File Structures**

Source Code: In Src folder you have all necessary files to run the application including java class files, images, xml and manifest.

SRS: Detailed description of the applications perspectives, User cases, Constraints, and Specific requirements

SPMP: The applications working environment, design and working units.

### **Instructions**

A detailed guide on how to run this app is included in README.md.

### **Good Implementations**

The application is running without flaws and expertise coding standard has been applied in that development of the application. Readability was taken into account when development began. The code in every class file is operational and clear to understand.

### **Needs Improvements**

The weakest link in the application is the overall graphic design that was implemented. Although it is operational it needs to be modernized.

On the programming side, the foundation is all intact to build upon the app. There is no need to start from scratch as the code is readable and understandable with some time. The anonymous tips and Location work units only need minor adjustments to fully publish this application. Those suggestions are listed below.

### **Overall Recommendations**

The application should go through a design overhaul to match the sound programming of the application. A more modern design will suit the app right.

There is all an issue in the network programming in that it did not want to authenticate a security certificate. At the current moment it is accepting all self signed certificates to the test server. This was done for testing purposes because we do not have a real trusted certificate. Alongside with the network programming, the team was never able to get a hold of the vendor that handles the MySQL database. Therefore we could never implement our tables into a working database.

The Anonymous Tips page currently has one default email which is used to send out the trackless email. The client had mentioned that he wanted the email to be sent through the schools server's so that a school email would be used to send out trackless emails. The

emails would then go to a Alias email account which the client can control and designated who receives Anonymous Tips.