PROOF OF CONCEPT MISFITHELPER

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| Date | 31-03-2016 |
| Version | 0.1 |
| Status | Draft |
| Ref. no. | 0 |
| Ref. name | 0 |
| Project | MISFITHELPER |

TABLE OF CONTENTS

PROOF OF CONCEPT MISFITHELPER 1

TABLE OF CONTENTS ii

1 InTROductiON 1

1.1 Purpose 1

1.2 Scope 1

1.3 Definitions and abbreviations 1

1.3.1 Definitions 1

1.3.2 Abbreviations 1

1.4 Referenced documents 2

1.4.1 Controlling documents 2

1.4.2 Controlled documents 2

1.4.3 Background information 2

1.5 Overview 3

1.6 Project goal 3

CHANGE HISTORY

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 0.1 | 31-3-2016 | Phong Le | Initial version |
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# InTROductiON

## Purpose

The purpose of this document is to provide insight into an estimation of the time required to implement an Android application for the MisfitHelper project

## Scope

This document has been realised within the framework of the Sioux Quality System.

## Definitions and abbreviations

### Definitions

Embedded software : Software that is part of a larger system and performs some of the requirements of that system; for example, software used in an aircraft or rapid transit system, (see IEEE-STD-610).

Integration : The process of combining software components, hardware components, or both into an overall system, (see IEEE-STD-610).>

### Abbreviations

EX : Example

## Referenced documents

### Controlling documents

### Controlled documents

### Background information

## Overview

Bluetooth is a very useful technology and popular in our lives. Because, it helps us to keep interaction to everything around with a wireless way even obstructions. More, with the Bluetooth 4.1, we don’t be worry about the interruption in a long time because it’s energy consumption is very low.

Therefore, it should be added that the harm of the Bluetooth has never existed but people mistook. The harm is smaller than the harm of mobile phone or Wi-Fi energy many times.

In inconvenient cases, you cannot or don’t want to use your device directly, controlling mobile device by a LE Bluetooth button is every useful. For example, you are taking a shower, you are running with sweating, you are driving or even, you are lazy, but you want to control your mobile by anyway to cancel a call, to track a activity, to dismiss or snooze an alarm etc.

Simple, we have Misfit button as a magic button to help use to handle everything. The misfit button manufacture also supported a Misfit SDK library to allow developer creating their application easily.

## Project goal

The Misfit SDK API supports totally four states of Misfit button: single press, double press, triple press and long press.

We will implement an application to manage your jobs. They are called the helper. The helper is able to develop, be flexible to modify with idea from user.