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MySystem (v1.0)

User Manual - v 0.3 -

Based on IEEE Std 1063-2001 [1]

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Chapter 1

# Product information

## 1.1 Identification

IFireCrash is a downloadable application for your smartphone. All you need is a smartphone with an internet connection. It will automatically track your location and synchronize you with the nearest fire department. This app is running on android for the moment by later it will be upgraded for other operating systems. All these central stations will be equipped with our software which keeps track of all the reports by the app. The registered data will be saved on our servers as backup and only be accessed by our team. The software is running on Windows and IOS and our servers on Linux.

## 1.2 Copyright

All rights are preserved by our company. All registered data will be saved and be prohibited for public media.

## 1.3 Trademark notices

Microsoft, Windows, Windows NT, Windows Server, Apple, Macintosh, Mac OS.

## 1.4 Restrictions

Copying the software is forbidden so is illegal distribution.

## 1.5 Warranties

The smartphone application is a free purchase for anybody. The tracking software for the central stations is an issue-free running program with very simple and purposeful interface. Any issue can be directly reported and will be investigated.

## 1.6 Contractual obligations

It is our obligation for a proper running program. Any issue will be recorded, examined and resolved.

## 1.7 Disclaimers

We are not taking responsibility for misusage of our application. This program is only for emergency situations.

## 1.8 Contact

Tel.: 454545

Fax: 464646

Email: ifirecrashteam@gmail.com

Chapter 2

# Introduction

## 2.1 Scope

NIX

This section has to provide the scope of the user’s manual document. In the following some opening statements to use when providing the information corresponding to this section.

This document provides ...

This document does not ...

This document is not ...

This document may be used with ...

## 2.2 Purpose

We aim for a quick and accurate information towards the central stations. Our project is user friendly and helps to minimise panic situations. There is no more need to call the central station, with only a few clicks you can provide the location where help is needed.

## 2.3 Intended audience

We like to introduce our project for any person because everybody can help in a critical situation. The application itself is designated for everybody and the tracking software for firefighters in their central station.

## 2.4 MySystem (v0.3)

IFireCrash is an application for smartphones which indicates and locates the situation where fire is burning by taking a pictures and automatically sending the GPS coordinates to the central stations.

### 2.4.1 Actors & Functionalities

Our application has a simple user-friendly interface which can be use by anybody with just a few clicks. Of course you can choose to call the central station if needed. For our software which is located at the fire departments are also intended for end-users with a purposeful interface where an interaction with the witness is possible.

### 2.4.2 Operating environment

The software is deployed in fire departments and will be used by firefighters to locate and categorize the situation which will be send by a witness via smartphone application.

## 2.5 Document structure

Information on how this document is organised and it is expected to be used. Recommendations on which members of the audience should consult which sections of the document, and explanations about the used notation (i.e. description of formats and conventions) must also be provided.

Chapter 3

# Usage Guide

This section is aimed at describing the general use of the software. Such information is grouped by the different kinds of actors. Such actors are expected to use the software to perform some processes or workflows (called here procedures) using the concerned software (including installation procedures).

The description of the processes should be organised to facilitate learning by presenting simpler, more common, or initial processes before more complex, less utilised, or subsequent processes.

Common procedures should be presented once to avoid redundancy when they are used in more complex procedures.

Each process has to be documented using the following use-case textual description template [2] BUT its content must be as low level as possible with actual values:



Use Case: ProcessMissionOne

Scope: Crisis Management System (CMS)

Primary Actor: Coordinator John

Secondary Actor: FirstAidWorker Bob,

ExternalResourceSystem (ERS)

Intention: The intention of the Coordinator is to process mission with ID equal to 1.

Level: Sub-functional level

Main Success Scenario :

1. John instructs the CMS to process a specific mission.
2. CMS selects the internal worker Bob to execute the mission.
3. CMS instructs ‘Bob to behave as FAW.
4. Bob informs to the CMS of his arrival.
5. Bob executes the mission.
6. Bob informs to the CMS the mission outcome. Extensions :

2.a None internal worker can execute the mission.

* + 1. CMS requests an external resource to ERS.
    2. ERS informs CMS that the request can be processed.

Use case continues at step 3.



Remark : Graphical User Interfaces (GUIs): include GUIs screenshots to show the different stages of the process while its is performed by the actor.

## 3.1 Actors common procedures

Common procedures to several actors are grouped in this section to avoid redundancy.

10 3 Usage Guide

### 3.1.1 MyCommonProcedure1

### 3.1.2 MyCommonProcedure2

## 3.2 My-Actor1 procedures

### 3.2.1 MyProcedure1

### 3.2.2 MyProcedure2

## 3.3 My-Actor2 procedures

### 3.3.1 MyProcedure1

### 3.3.2 MyProcedure2

## 3.4 My-Actor3 procedures

### 3.4.1 MyProcedure1

### 3.4.2 MyProcedure2

Chapter 4

# Software operations

Explain each allowed software operations (i.e. an atomic unit of treatment, a service, a functionality) including a brief description of the operation, required parameters, optional parameters, default options, required steps to trigger the operation, assumptions upon request of the operation and expected results of executing such operation. Describe how to recognise that the operation has successfully been executed or abnormally terminated.

The template given below (i.e. section 4.1 has to be used).

Group the operations devoted to the needs of specific actors. Common operations to several actors may be grouped and presented once to avoid redundancy.

## 4.1 MyOperation

The system operator creates and adds a new crisis to the system after being informed by a third party (citizen, organization) and selects a crisis handler for the crisis.

Parameters: Reporter Personal Information, Crisis Information, Crisis Handler

Precondition: The system operator is logged in and has received information from a reporter.

Post-condition: A new crisis has been added to the system and the new crisis has been assigned to a crisis handler, the Handler has received an automatic notification from the system.

Output messages: The selected Crisis Handler will be notified automatically once the crisis has been created.

Triggering:

1. From within the crisis management window fill out the required entries related to the personal information of the reporter such as name and phone number.
2. Fill out the entries related to the crisis type, impacted area, priority, description, GPS coordinates, address and finally choose a Crisis Handler from the combo box.
3. Click on the “Submit” button in and add the entry to the database.

### 4.1.1 MyExample1

Examples should illustrate the use of complex operations.

Each example must show how the actor uses the software operation under description to achieve (at least one of) its expected outcome.

It might be required to include GUI screenshots to illustrate the example.

Chapter 5

# Error messages and problem resolutions

All known problems in using the software should be listed and explained in details using the structure presented below.

Contact information for reporting any problems (either with the software or this document) should be clearly indicated

## 5.1 Error message 1

### 5.1.1 Problem identification

A description explaining the meaning of the faced problem.

### 5.1.2 Probable cause

A description explaining the reasons why such a problem has been raised.

### 5.1.3 Corrective actions

Describe the required steps the actor should take to recover from such situation.

Appendix A

# Title of the appendix 1

Here you write the context of the appendix, structuring such content in sections, sub-sections and sub-subsections, if needed.

An example of appendix is the flat presentation of all the graphical user interface screens. Each screen can be presented (identification symbol and description) and screens transition graph can be given.

## A.1 My Section

Description of the section.

### A.1.1 My subSection

A.1.1.1 My subSubSection

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References

1. IEEE: IEEE Standard for Software User Documentation. IEEE Std 1063-2001 (Dec 2001) 1–24
2. Armour, F., Miller, G.: Advanced Use Case Modeling: Software Systems. Addison-Wesley (2001)