# Progetto di ingegneria del software (5 CFU) 2017/2018

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# 1  Introduction

## 1.1  Purpose

The goals of the project, regarding the subscribed users, are the followings:

[G1] Allows a subscribed user to share his location and health status to third parties of his choice

[G2] Once the health parameters of a subscribed user have been observed below the threshold, an ambulance is sent to the user location. (requires further specifications and assumptions: e.g. who owns the ambulances?)

[G3] The time experienced between the moment in which the health parameters of a subscribed user are observed below the threshold and the time in which the ambulance is sent to the user location is equal or less than 5 seconds.

[G4] Allow a subscribed user to enroll in a run, as athlete

[G5] Allow spectators too see on a map the positions of all athletes taking part in a run

[G6] Allow an organizer to set up a run, by defining its path

The goals of the project, regarding the third part customers, are the followings:

[G7]

[G8]

[G9]

## 1.2  Scope

## 1.3  Definitions, Acronyms, Abbreviations

## 1.4  Revision history

## 1.5  Reference documents

## 1.6  Document structure

# 2 Overall Description

# 3 Specific Requirements

# 4 Formal Analysis using Alloy

# 5 Effort Spent

# 6    References