# Introduction

## Purpose

Define the requirements analysis and specification document (RASD) of the services Data4Help and AutomatedSOS offered by the company TrackMe.

The goal of the service Data4Help is to allow third parties (to be defined ?) to monitor the location and health status of individuals (to be defined ?). Data4Help supports the registration of individuals and of third parties.

* Individuals who register to Data4Help allow the company TrackMe to acquire their data.
* Third parties who register to Data4Help can access the data acquired by TrackMe by the mean of requests. They can request to :
  + Access to the data of a specific individual by providing a unique identifier. The request is transferred to the individual who decide to accept or refuse it.
  + Access to anonymized data of groups of individuals. The request is accepted if the number of individuals satisfying it is higher than 1000.

When a request is approved, third parties must be able to :

* Access the previously saved data corresponding to the request
* Subscribe to the request. By doing this, they will receive the new data corresponding to the request as soon as they are produced. If the individual cancels his agreement or if the data cannot be anonymized anymore, the subscription is automatically cancelled.

The goal of the service AutomatedSOS is to monitors the health status of the subscribed customers and when send an ambulance to the location of the customers when the parameters are bellow certain thresholds. The reaction time (time before sending the ambulance request?) must be below 5 seconds from the time the parameters are below threshold.

Goals of the project

Data4Help :

* Third parties must have access to the data of registered individuals if they can provide a unique identifier of the individuals and if the individuals accept the request
* Third parties must have access to anonymized data of groups of individuals if they request is accepted
* If the number of individuals satisfying a request is inferior to 1000, the request must be refused
* Third parties must have the possibility to subscribe to new data if their request is accepted

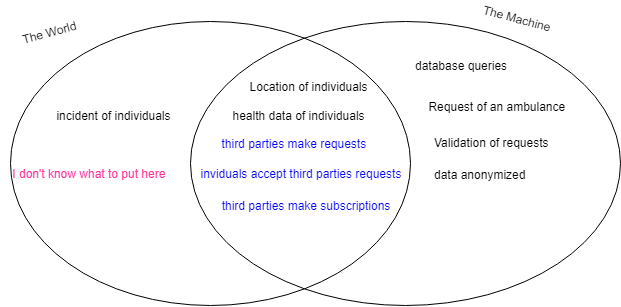
AutomatedSOS :

* If the health parameters of an individual are bellow certain thersholds, an ambulance must be requested to the position of the individual within 5 seconds.

## Scope

Analysis of the world

Analysis of the shared phenomena



## Definitions, Acronyms and abbreviations

Third parties

Individuals

## Revision history

## Reference Documents

## Document Structure

# Overall description

## Product perspective

Shared phenomena and domain model (class diagrams and statecharts)

ASK TO MOHAMED :

Chi manda l’ambulanza ? il SOS e mandato al pronto socorso o allora al third party ?

Dobiamo verificare he l’ambulanza arriva ? che il SOS e ricevuto ?