state machine AutomatedSOS [AutomatedSOS]

Receives users' health status data → **Health data stored** → Evaluates users' health parameters → **Evaluation complete** → Parameters violate the safety values → **Health Emergency** → Notifies the ambulance dispatcher → ⊙

Parameters don't violate the safety values

state machine Data4Help [🖳 Data4Help]

Gets a request

Read request → *Anonymized group data request* → Evaluation of the constraints

Group with more than 1000 people → Acceptance of the request → *Notifies acceptance and starts the analysis* → Creation of the group

Gruop with less then 1000 people → Request refused

Specific user's data request → Ask for the user's agreement

User refuses → Agreement not given → *Forwards the refuse* → Request refused

User accepts → Agreement given → *Notifies acceptance and collects data* → User's data sent

Creation of the group → *Examines users' data* → Data collected

Data collected ← *Updates group data* — Group data sent (subscription request)

Data collected → *Sends the analysis (periodically)* → Group data sent (subscription request)

Data collected → *Send the analysis* → Group data sent (one-time request)

Group data sent (subscription request) → *Third party unsubscribe from the service* → Terminated service

Creating
run form
event

Empty form

Organizer selects
the beginning date
and time

**Date and time
decided**

Organizer
chooses the path
on the map

**Event
succesfully
created**

Opens
enrollment
period

**Result stored
with run infos**

Run ends

**Run is
started**

Run begins

**Enrollment
period ended**

Closes the
subscriptions

**Waiting for run
beginning**

Users (participants)
enroll to a run

Users (spectators)
watch the run event