**PHENOMENA**

**WORLD PHENOMENA**

* Diseases /absence of disease
* Device breakdown
* Emergency situations
* Ambulance moves and arrives
* Ambulance breakdown
* Wearing the device properly
* GPS does not work 🡪 assumeremo che funzioni sempre bene
* Cellular is not connected 🡪 segnala che non è connesso

**SHARED PHENOMENA**

* Detection of health values
* Request for data
* Sending data
* Sending an alert to an ambulance
* Ambulance ack
* Ambulances informations (position and status)

**MACHINE PHENOMENA**

* Database queries
* Database inserts
* Data analysis and comparation with thresholds
* Shortest path computation
* Matching ambulances and emergencies

**NB:** stiamo assumendo che l’applicazione lavori comunque con un dispositivo indossabile!!

**NB:** sempre mantenere la distinzione tra user e third parties in Data4Help (in SOS le third parties invece non saranno più utenti dell’applicazione)

**GOALS**

**Clients:**

1. Provide a form of unique identification (registration/login) (?)
   1. If the user does not insert his fiscal code the application does not work (R)
   2. The user has correctly downloaded the application on his device (smartwatch, smartphone, etc)
2. Protect the privacy of the client (?)
   1. If a third part asks for data of a single user , data are shown if and only if he conceides his permission (R)
   2. if a third part asks for data that involves less than 1000 people, the application refuses
   3. if a third part asks for data that involves more than 1000 people, the application anonymizes data
3. Allow the user to see his clinical history (??)
4. Provide the user notifications and avdice about his health status
5. Control the health status of clients
6. Whenever a user is in danger of life, an ambulance is alerted

**Third parties:**

1. Provide collections of data as much as possible and a basic manipulation of them (in the easiest way to understand them)
2. Provide a form of unique identification (registration/login) (?)
3. Allow third parties to specify constrains in their researches