GOAL

* Data4Help

1. Allow individuals to become users after registration
   1. Allow users to fill in all the useful information for tracking them and agree to the TrackMe’s privacy policy during registration process.
   2. Check if registered user is able to send data to the service (i.e. has the right hardware to perform it).
2. Allow the registration to the service from third party societies intended to retrieve users’ data becoming subscribers of Data4Help.
3. Locate users’ position on demand and in real time.
4. Retrieve user’s health status on demand and track it in live.
5. Classify users in categories according to information inserted in registration phase assigning specific attributes (i.e age, city, job) .
6. Allow third parties registered to retrieve information about users in single mode and in group mode
   1. On single mode, third parties are able to receive data from a specific user
      1. Single mode requests have to be viewed by user concerned.
      2. Single mode requests should be accepted or rejected by the user for his/her personal reason.
      3. Deny third parties to retrieve data from users who don’t accept the single-track request.
   2. On group mode, third parties can receive data from multiple users having common specific attributes.
      1. Allow third party societies to specify which attributes are interested in
      2. Group mode requests can be accepted or rejected by the system in order to protect individual’s privacy, for this purpose group request under 1000 users involved are rejected.
      3. Certificate data anonymity sent to third parties.
7. Allow third parties to retrieve historical data and statistics of specific individual (upon user agreement) or from group (upon system agreement).
8. Allow single users to retrieve their own data.

* AUTOMATED SOS

1. Allow this software to access to Data4Help service.
2. Allow third parties seriously interested in health status of people to become subscribers of this service.
3. Allow Data4Help users to sign up in AutomatedSOS service.
   * + 1. New AutomatedSOS’s users have to agree to TrackMe’s privacy policy and be tracked by Data4Help service.
       2. Users, in registration phase, have to select some parameters which are most important to retrieve as soon as possible, to improve the performance of the service. (i.e cardiac problem, blood pressure problem).
4. Monitor in real time users’ health status with more attention to critical parameters
5. Allow only health-interested third parties the access to data detected by AutomatedSOS.
6. Provides to send an ambulance if certain parameters are below critical values

* TRACK4RUN

1. Allow this software to access to Data4Help service.
2. Deny third parties the access to Track4Run service.
3. Allow Data4Help users to sign up in Track4Run service.
   1. New Track4Run’s users have to agree to TrackMe’s privacy policy and be tracked by Data4Help service
4. Allow races organizer to promote into the system a new race and specify all the useful information about the race
   1. Allow organizers to insert general information about the race: name, date, promoters, maximum number of participants etc.
   2. Allow organizers to insert the path of the race.
   3. Allow organizers to specify the type of the race: public or private.
      1. Allow organizers to specify spectators and athletes of the private race.
      2. Allow every user to enrol on a specific public race (within max number) or to become spectators.
5. Allow users the enrolment on a specific race
   1. Allow users to see all public races planned and to sign up for everyone of these.
   2. Allow users to see all private races which is invited and to sign up for everyone of these.
   3. Deny users to see private races which are not invited.
   4. Deny users to enrol on races with maximum participants already reached.
6. Allow users to watch in real time the position of every athletes in a specific race through a live map on his smartphone
   1. Allow users to see all public races underway and to select which he prefers.
   2. Allow users to see all private races underway, which is invited, and to select which he prefers.
   3. Deny spectators to see position of athletes outside default race track.

Possibili improvement: (Vanno nei goal?)

AUTOMATEDSOS

Provvedere ad un servizio più intuitivo per gli anziani

TRACK4RUN

Verificare che i partecipanti di una gara siano nelle giuste condizioni salutari per sostenerla

(monitorare salute anche live durante la gara)