

TEAM 1



POLITECNICO
MILANO 1863



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Data Management for the Web



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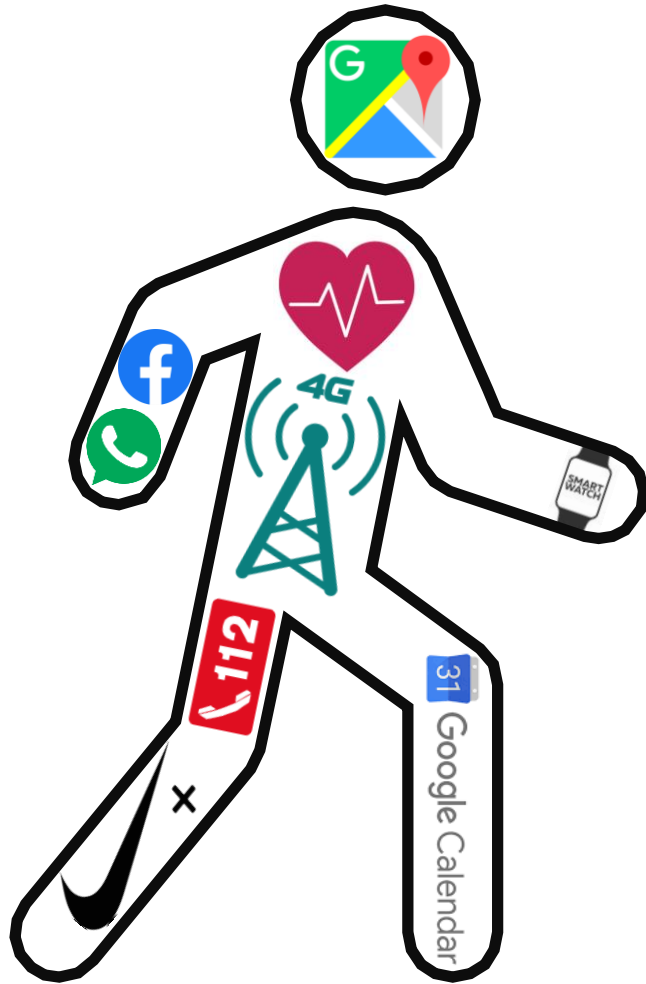
Overall idea



Our project is about an application for improving the running experience. We want to help the runner to find his/her best suitable track and training plan by taking into account his/her personal needs and the feasibility of the track (weather, traffic, daytime, ecc..).



Context

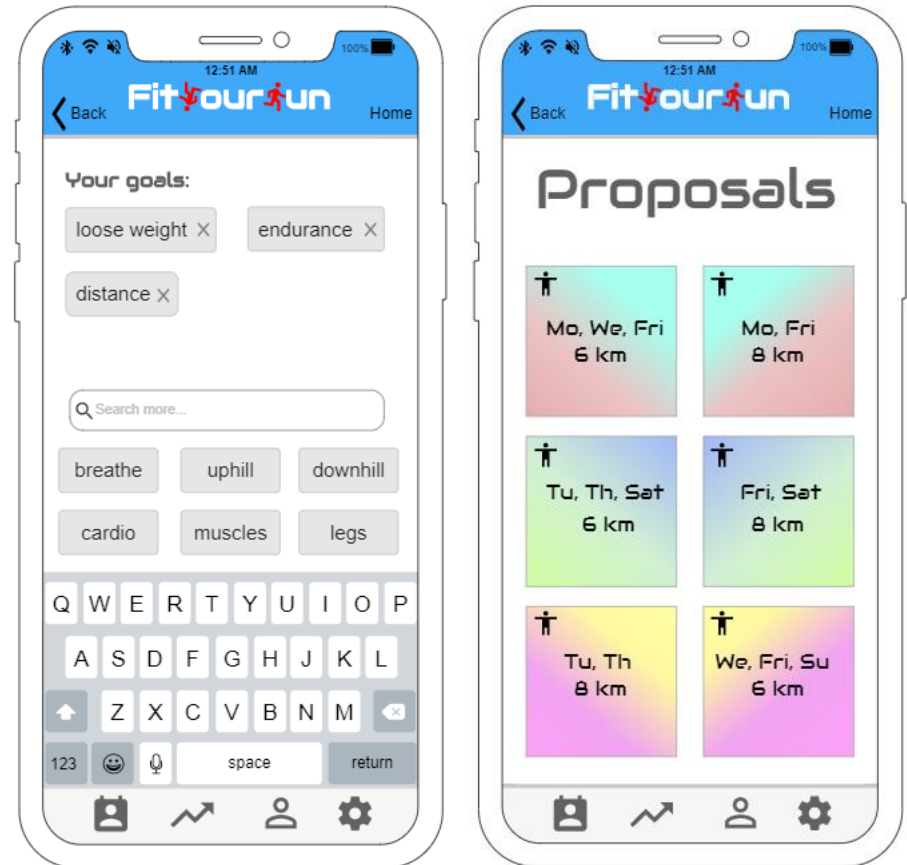


- Google services APIs (Maps, Calendar)
- Detailed real-time traffic information
- External weather forecast
- Health/position data from smart devices
- Social Network
(Facebook, Instagram, Twitter, ...)
- Public rescue service over VoIP
- Smartphone(iOS/Android) with persistent internet connection

Concept 1/4

Tailored coaching experience based on user's needs or goals, analyzing data from the “best runners”.

The app will help the user to define a weekly workout schedule based on his/her available time.



Concept 2/4

The app contacts the National Health Service in case of emergency during the training session if some anomalies are detected in health parameters.



Concept 3/4

Personalized route according to external factors(traffic, weather,...) and personal needs.

The recommendation algorithm suggests to the user a tailor-made track, according to multiple factors and workout plan.

Information are gathered from public sources like GMaps (traffic) and weather providers APIs, but also from users' reports of past workouts.



HIGH SLOPE

REALLY HOT STREET



MANY CARS



Concept 4/4

Runners can enjoy the training with a group of friends, by creating some events or by sharing his/her real-time session. Records of the trainings can be shared over the main social networks.

- creation of events with a planned path
- sharing his/her real time position
- sharing records of the sessions over the main social media

