

SOFTWARE ENGINEERING – COURSE 2017-18 – LEGANÉS
Final Project Statements
Sep 2017

The following ideas have been selected as candidates for the final project. Each group must select ONE of the options.

The selected ideas will have a bonus of 0.5 points.

OPTION 1: SECURELOC

Monitoring people is becoming a critical activity to provide safe and secure environments for the development of a healthy lifestyle: mountain hiking, risk-taking sports or just the management of people with degenerative diseases. That is why, this proposal focuses on the design of a system with the capability of locating and monitoring life activities, detecting and preventing dangerous situations and creating alerts to notify relatives or friends, even emergency services, about a potential problem.

For instance, deviation of a planned route, bicycle fall or a vital sign with unusual values are just some examples of the situations that should be detected.

Depending on the type of the alert and the user configuration, the system shall be able to notify the user himself, send an alarm/call/message to other devices, call emergency services, etc. sending the relevant information to locate the person.

Remark. – This project proposal is partially based on the ideas of the groups **83-01** “GoBack” and **82-01** “App para detectar caídas de deportistas”

OPTION 2: DIVVY-WISE

The increasing use of mobile devices and applications is creating new social and interconnected digital environments that are dramatically changing the existing social norms. This also implies a cultural change from an analogical to a digital world. Due to this transformation, it is possible to find situations in which the use of applications and external services can help us to easily manage different social activities such as the register and sharing the expenses of a dinner, a flat or a trip.

With the aim of supporting these new social interactions in the digital world, a social accountability platform is proposed to register and share the expenses of any social (and group) activity making use of external services such as the existing digital payment methods.

Remark. – This project proposal is partially based on the ideas of the group **89-03** “*DIVVY: a smarter way to split the bill*”

OTHER RELEVANT INFORMATION

The following proposals have been also selected for a bonus of 0,25 points

- **89-04** “*SELENE: Virtual Home Assistant*”
- **89-08** “*LNG Talk*”
- **89-10** “*PRONTO*”