uc3m | Universidad **Carlos III** de Madrid

SOFTWARE ENGINEERING – COURSE 2021-22
Final Project Statements
Sep 2021

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: GoErasmus

Are you planning an Erasmus?

GoErasmus is the new and exclusive social network for exchange students, through which you can start contacting with other verified Erasmus students, create groups, organize events, etc. and build a community to get the most out of your Erasmus year.

GoErasmus offers a system with features to find accommodation, you will have the possibility to search for available apartments / rooms near to your university and negotiate rental prices. You will also have access to all the opinions of former students about the city, accommodation, university, etc.

On the other hand, GoErasmus also offers a good number of statistics so that you can choose your stay in the best way, being able to filter destinations based on region, type of study, language, price, population, etc.

Remark. – This project proposal is partially based on the ideas of the group 50-05.

OPTION 2: SwipeJobs

SwipeJobs is a new application to connect young people who seek to obtain an economic supplement through some paid tasks such as: caregiver, private teacher, DJ, etc. with people offering these tasks in a short time frame. For example, "help a student to prepare for the next exam as a private teacher" or "accompany an elderly person to make some bank operation in person".

In SwipeJobs there will be mainly two types of user: task maker and task supplier. Both users must specify a minimum set of information such as age, type of job, a short biography, special needs (if necessary), qualifications (if necessary) and, in the case of task creators, schedule and remuneration.

Each user will have a daily set of profiles available to consult (task makers in the case of suppliers, and vice versa) depending on the categories that they have specified.

Each profile can swipe to the right, if the task/supplier is interesting, or swipe to the left otherwise.

If two users swipe to the right of each other, a private chat will open to negotiate and agree the task to do.

Remark. – This project proposal is partially based on the ideas of the group **81-06**.

OPTION 3: ApPET

We love animals, and many people wants to have one at home. However, it is not so easy to learn how to take care of a pet and to have access to relevant information and resources. So, today we want to make your life a little easier.

ApPet is a mobile application designed to manage all your pet's needs, including the following:

- Connect with veterinary clinics (or professionals). It will allow you to keep the medical record of your pet up to date including the vaccination record.
- Planning of routines and notifications of the mealtimes. Do not forget to properly feed your pet!
- Connection with the ApPet smart collar. A system to measure the vital signs, detect possible degenerative diseases and, in general, control the activity of your pet including geolocation.
- Online store. In addition, ApPet will have an online store with which you can buy a wide variety of food, toys as well as those treatments defined by veterinarians.

Remark. – This project proposal is partially based on the ideas of the group 80-02.

OPTION 4: Interlegal

In a world without borders in which people and business activities have an international character, situations may arise requiring some legal support. For example, an order may be defective, leading to a claim that can end in a court. In this context, it is necessary to know the legal system of the different countries and, as legal professionals, be able to build an argumentation based on existing legislation and previous judgments.

Interlegal offers a multilingual and multimodal platform that integrates all the legislation and legal systems of different countries (initially the Member States of the European Union) so that legal professionals have access to documents related to legislation and judgments through a filtered-based search but also through an advanced question/answer system that can provide intelligent and reasoned argumentations.

In this way, legal professionals will be provided with a decision support tool, a productivity bot, which will allow them to focus on the legislation.

Remark. – This project proposal is partially based on the ideas of the group 88-F.