

## Practical Work 2

### Introduction

The second practical assignment is about using Angular Framework and Django REST Framework to develop a web application, like the one developed in the first project. The theme is free, chosen by the students, and must be developed in groups of 2 or 3 students. It can be the same theme, used in the first project.

### Goals

- Development of a web application (client and server side), to allow the information access in an easy and intuitive way.
- For the client side, it must be developed with Angular technology, to provide all needed user interfaces.
- For server side, it must use Django REST Framework (DRF), to provide a set of REST Web Services, to provide all needed functionalities in back-end, to allow all kind of operations: data searching, insertion, updating, deleting and all subsequent validations.
- The application must be divided in public and private parts, using an authentication system. These parts must have a clear differentiation in the set of allowed operations.
- Exploratory and research issue, which adds value to the project:
  - In order to be accessed from anywhere and use a real n-tier software architecture, the deployment can be done for the different application's layers. The server side (DRF) can be deployed at [pythonanywhere.com](https://pythonanywhere.com), as before for the Django application, and the client side at Heroku.
- A small report describing the fundamental parts implemented, and any other information needed to run the application, is necessary.
- Works presenting high level of technics use and combination, will be valued.