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. 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.

- Exploratory and research issues, which adds value to the project:

  o Development of an authentication system, using e.g. Django Rest Framework Authentication.

  o 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, as before for the Django application, and the client side at Heroku.

- A small report describing the main 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.