

Practical Work 1

Introduction

The first practical work is all about using Django Framework to develop a web application. The theme is free, chosen by the students, and must be developed in groups of 3 students.

Goals

- Development of a web application (client and server side), to allow the information access in an easy and intuitive way.
- The application must be developed with all interfaces for client side and functionalities for server-side, in association with the database, to allow all kind of operations: information showing, data searching, insertion, updating, deleting and all subsequent validations.
- The application must be divided in public and private parts, using the login functionality. These parts must have a clear differentiation in the set of allowed operations.
- It must also be developed in a modular way, encapsulating the three components: data, logic and presentation; using all learned technics.
- It must be deployed in the public site, pythonanywhere, in order to be accessed from anywhere.
- **Works presenting a greater use of technologies, as well as their combination, demonstrating greater research work and autonomous learning, will be valued, in accordance with the level and complexity achieved.**