



## Grau en **ENGINYERIA INFORMÀTICA**

**ASSIGNATURA: Sistemes i Tecnologies Web**

**PROFESSORS: Roberto Garcia i Carles Mateu**

**CURS: 2016/17**

**Pràctica 1**

### **Basic web application.**

From the proposed scenario, if professors' feedback hasn't been negative: develop, using Django, a basic web application for data access (access the data following the proposed scenario).

The application must:

1. Implement, correctly, the proposed model.
2. Activate the Django admin interface to add, modify and delete instances.
3. Add authentication and user management (Django builtin).
4. Create deployment «schema»:  
This should document how to deploy the solution using multiple servers in a n-layer (web, application, database) proposal.

### **Grading**

To pass the assignment (up to 6 points) you must resolve points: 1,2,3 and 4, with a data model of at least 3 different related entities in a complex relationship.

You should properly document the proposed solution, that includes: a revised data model documentation, with the implemented model (satisfying professors' feedback).

If the proposed solution (to 1, 2, 3, and 4) is correctly done: up to +2 points.

If deployment «schema» is well implemented/designed up to +2 points.

### **Work delivery**

Code should be available in a github.com repository created for this purpose.

That repository has to be used with a different username for each participant members.

github repository access should be granted to users: carlesm, rogargon.

The delivered work should include detailed instructions on how to run/deploy the application.

### **Documentation to deliver**

A text (.txt, .md, .pdf) stating:

1. Github public address.
2. That notes that developers consider should be done concerning all design decisions.

**All** members of the group will have to use the virtual campus to upload their work.