### 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. Adhere, as much as possible, to the 12factor guidelines.
5. Implement a deployment «schema»:
   1. The required files to deploy the application on Heroku
   2. The required files to run the application as a docker container orchestration using docker-compose.
   3. A document stating a proposal to deploy the solution using multiple servers in a n-layer (web, application, database) proposal. Should include:
      1. Number and function of servers.
      2. Connections and dependences amongst them.
      3. State which are required and which are optional.

### 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 +3 points.

- It the implementation follows the 12factor guidelines, and is well implemented/designed up to +1 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 do upload their work.