## **DBMS PROJECT REQUIREMENTS**

Below we have the list of requirements for the project in the CEN 202 - Database Management Systems course (CEN II).

Please note that each of the steps consists of a part of the total percentage of the project evaluation.

**Project Outline and Planning ( 10%)**

The first step involves providing a description of the project and an outline of the steps involved in organizing it. (5%)

A core idea, a brief description of it, followed by the steps you intend to take in the other two phases should be sufficient. (5%)

**Research and Idea Consolidation (30%)**

This phase includes looking into possible proposals for technologies and techniques to use for your project. The proposal has to revolve around a contester database however, as you have already been informed.

* Req. 1: Present a core concept of improvement (speed, normalization etc.) (15%)
* Req. 2: w  
  Note: As a bonus you can take a concrete measurement of query speed and its improvement afterwards. (10% BONUS).

**Project Execution (60%)**

The materialization of your project will involve a number of files:

* Provide a complete ER Diagram of your solution, with all necessary rationales. (15%)
* Provide the associated RS schema, with notes on necessary conversions between the two (ERD<->RS) and rationale for certain design choices (if it has not been covered by the one in the ER diagram). (15%)
* Database dump, with the associated SQL files and queries. (30%)
  + CREATE & INSERT DATA (10%)
  + MANAGERIAL QUERIES RELATED TO YOUR PROJECT (20%)
    - MIN 20 MANAGERIAL QUERIES