IS41090 INFORMATICS PROJECT

Project goals

In this project you are required to build a web app that will improve the management of information by an organisation (real or imaginary). Management of information can be, for instance, in relation to sales of items, employee management, booking of sporting grounds, etc.

It is expected that you will use the LAMP/XAMPP technology stack in development of your project, and official support will be geared towards these technologies. However special dispensation can potentially be granted for use of other technologies upon request.
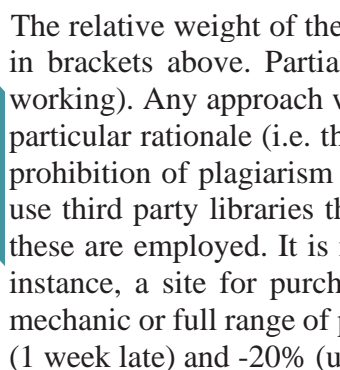
The project should feature the following

- A database that uses at least 5 tables
- Queries that request data from multiple tables
- An ability to update and add data to the database
- A frontend for users to interact with the web app and obtain information

Grading

The breakdown of marks are as follows

- Database schema (20%)
- Queries (30%)
- Frontend (20%)
- Purpose and functionality (30%)

The relative weight of the different components of the project goals, in terms of grading, are outlined in brackets above. Partial marks can be awarded (not all components need to be present or fully working). Any approach which achieves the outlined goal is acceptable, provided it is backed up by a particular rationale (i.e. that you can defend your choices). Standard UCD rules apply in terms of the prohibition of plagiarism (masquerading another person's work as your own). While you are free to use third party libraries that are licensed for such use in your project, you should make clear where these are employed. It is not expected for the project to be a facsimile of a real-life counterpart. For instance, a site for purchasing items may not save user profiles or have a functioning purchasing mechanic or full range of products. Late submissions are subject to standard UCD penalty of -10% late (1 week late) and -20% (up to 2 weeks late).