CSC380 Project Requirements

1. The project is to be conducted by group of two/three students.

2. The subject is to be chosen by the students themselves.

3. The subject should not be duplicated over groups.

4. The project will be conducted in two phases.

Requirements for Phase 1:

The content of the report (phase 1) should be as follows:

1. The first page should contain at least the name of the project, the name of the students, their IDs, the course code and name.

2. Elaborate the description of the proposed project with the relationship between the different entities, the constraints, etc. The subject must have at least (1:1), (1:n) et (n:m).

3. Draw a clear ER diagram that reflects the description of your project.

4. Map your ER into a relational schema. All constraints must be included:

   - Primary keys (PK) highlighted, foreign keys (FK) well referring to their PK, Unique, not null and other constraints.

5. The ER should be designed using mySQLWorkbench. Also the mapping from ER to SQL should be generated using the same software and included in the report.

6. The generated database schema resulting from the ER, along with all constraints should be included in the report (phase 1).

7. Description of the environment that you plan to use: the type of DBMS, the connection type, the programming environment, etc.

Requirements for Phase 2:

The content of the report (phase 2) should be as follows:

1. The content of the report of phase1.

2. Sample snapshots of the interface generated from the implemented program.

3. A demo will be presented from your laptop or PC.

A planning for demos will be shared in google form.

Submission Date

Phase 1 submission deadline (on LMS): 7/ 1 / 2023

Phase 2 submission deadline (on LMS): the week of 28/ 1 / 2023 (to be confirmed)

Submission before the deadline is more than welcome. One mark of the total project mark will be removed for each delayed day

Submission of the phase 1 should be in one single pdf file that contains: