Group Projects introduction - Part II

CS-A1153 Project – Designing a Relational Database

10 May, 2022

In project Part II you will

- Create a relational database in SQL based on the design from Project Part I
- Populate the database with given data (from your project git repository `./data/vaccine-distribution-data.xlsx` or `./data/SampleData_for_Dairy_Farms.xls`)
- Create queries to answer the requested questions

You can find detailed instructions and questions for your project topic on MyCourses.

The final submission needs to contain

- ▶ SQL file used to create tables in your database,
- ▶ Python file used to create the database,
- ▶ SQL file containing the required queries,
- ▶ Documentation about the design choices and the results for the required queries (recommended length 2-3 pages).

You should submit all these files as a single zip file in A+.

Deadline

The deadline for submitting project Part II is on **Monday, 23 May 2022, at 18:00**.

Late submissions will be accepted until 30 May 2022, at 18:00, with up to 50% penalty on grading.

Week 6 (May 23 - May 29) and Week 7 (May 30 - Jun 05) are reserved for Project Presentations.

Each group will give a short presentation (around 5 minutes) about the project work on this course. This can include for instance:

- ▶ sharing your UML diagram,
- ▶ showing the relational schema or the table structure,
- ▶ explaining difficult design choices you had to make,
- ▶ any interesting data analytical findings,
- ▶ possible improvements for the design,
- ▶ project process in general and division of roles,

and you are free to present anything that is relevant or interesting.