

CMPG223 Project

1. General

Part of the CMPG213 course required of you to plan and design a computerised system. This semester you will do the physical design, development and implementation of the project. Reports as well as other documentation must be done using a word processor.

2. What is required of you?

You have to complete the project that you have started in CMPG213. The prescribed textbook will give you theoretical guidelines.

For example, chapters 9 and 13 refer to process modelling.

Chapter 11 shows how costs benefits analysis can be done and how to set up a feasibility matrix when comparing candidate systems. You have to use these techniques in your project.

Chapter 12 refers to different design models and introduces process and data models as well as prototypes. These must be done practically as part of your project.

Chapter 13 shows how logical models can be converted into physical models – process model, data model and network architecture data flow diagrams. You have to convert the logical models of your project into physical models.

Chapter 14 explains database design. You must be able to design the database, normalise the tables and construct the database physically in terms of your project.

Chapters 15,16 and 17 discuss prototyping during output design, input design and designing of the user interface.

3. Documents to be handed in (see marking guide for details): See marking guide for the all requirements.

1. Physical models: data, process.
2. Database schema that has been created electronically in the DBMS
3. User manual

4. Project demonstration

You have to present the project as a group.

See marking guide all requirements.

- All the models of your system
- User manual
- Example of reports that your system can generate
- Diary of the time you have spent on the project

Consensus about each group member's contribution to the project.