

Database Management Systems

Database Application Project

Business Case

- Choose one that you are familiar with
- Make your business case reasonable
- Yes, you can make up your own business logic
- But your logic can't be too far away from the common sense

Data

- There should be 2 to 5 entity sets and 2 to 5 relationship sets.
- There should be some many-to-one and many-to-many relationship sets.
- You can keep the attributes of the sets to the minimum and leave out the attributes that are not used in your project.

Interface

- Text interface is sufficient.
- The interface should be user-friendly.

Operations/Functionalities

- Logically intended for the same group of users
- One operation for one kind of database operations
- Make sure your project doesn't have only very simple operations

Implementation

- Language requirement: C++ plus OCCI library
- Principle:
Let database engine perform the heavy lifting work
- Expect reasonable exceptions in dealing with user input
- Be prepared to encounter problems with string processing

Document

- Follow the template
- Explain things clearly and succinctly if possible
- Your writing should be logically coherent