Exercise 1

1.1 Data Model for a Document Management System

Represent the requirements for the different perspectives of a document management system in an (extended) entity-relationship-diagram. The model should include the following perspectives:

- organisational perspective
- business process perspective
- communication perspective
- knowledge management perspective
- computer science perspective
- holistic viewpoint

1.2 Problems of Documentation

Given the problems of paper-based documentation, can they be avoided by a document management system which is based on the data model of exercise 1.1?

1.3 Types of Document Management Systems

Which part of the data model needs to be implemented for the different types of document management systems:

- document management system (in narrow sense)
- electronic archiving systems
- workflow systems
- groupware systems
- databases