



Assessment Criteria For Seminar 1, Conceptual Model

Data Storage Paradigms, IV1351

The list below are suggestions about things to check, you don't have to cover them all. The assessed person's score will *not* be affected by your comments. *Try to give concrete suggestions. Motivate your comments, give examples, **try not to write just "yes" or "no"**.* Make sure to discuss and/or ask the teacher about questions regarding your own or the assessed solution(s).

- Does the CM contain all information needed by Soundgood?
- Is it easy, that is a reasonable number of hops, to collect information related to all of the major entities (student, lesson, instructor, etc).
- Does the CM have a reasonable number of entities? Are important entities missing? Are there irrelevant entities, for example entities without attributes?
- Are there attributes for all data that shall be stored? Do all attributes have cardinality? Is the cardinality correct? Are the correct attributes marked as NOT NULL and/or UNIQUE?
- Does the CM have a reasonable number of relations? Are important relations missing? Are there irrelevant relations? Do all relations have cardinality at both ends and name at least at one end?
- Are naming conventions followed? Are all names sufficiently explaining?
- Is the notation (UML or crow foot) correctly followed?
- Are all business rules and constraints that are not visible in the diagram explained in plain text?
- Is the method and result explained in the report? Is there a discussion? Is the discussion relevant?