Assessment Criteria For Seminar 3, Programmatic Access

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).

- Are naming conventions followed? Are all names sufficiently explaining?

- Is auto-commit of transactions turned off (it should be)? Are all SQL statements executed within a transaction? Are transaction committed on success and rolled back on failure?

- Is SELECT FOR UPDATE used in SQL statements participating in a transaction which reads a value from the database, calculates an update of the value, and stores the updated value in the database?

- Does the program meet all requirements mentioned in the task for listing instruments, renting instruments, and terminating rentals?

- How is a rental marked as terminated? Remember that no information about a rental must be deleted when the rental is terminated.

- The bullets below applies only to the higher grade task.
    - There shall not be any business logic in the integration layer, a DAO shall only have methods whose names begin with Create, Read, Update or Delete. Is that the case?
    - Are also the view and cotroller layers completely without business logic?
    - Is the code easy to understand?
    - Is all duplicated code avoided?