1DV013 – Database Theory

Practical Assignment 3

Deadline: October 27, 2013

Write a management tool for your movie database. Valid programming languages are *Java* and *C#* (or any other if your know it better). Your tool should perform the following tasks:

- Management (inserting/deleting data) of

  - Movies,

  - Genres,

  - People,

  - and relations among those

- Browsing through and searching for movies and people

- Present a movie or a person:

  - For a movie: length, year, who acted in it, ...

  - For a person: name, what movies did he/she participate in, ...

  - For a genre: what movies of this genre were made in some particular year, ...

The tool should make use of the capabilities of the database system, e.g., it should *not* just load all the data into memory and work locally on the data.

A GUI application is preferred (as it is easier to use), but a console based application is valid as well.

Feel free to add more functionality, the **new ideas** are highly appreciated and more than welcomed.

Assignment must be submitted via Moodle submission system. Email submission attempts will be ignored.