Deadline: 23:59, November 13, 2016 (Sunday)

Course Project

The project of the Modern Software Development Technology course aims at evaluating your software development skills, in particular on the programming level for object-oriented programming.

Please carefully read the following steps explaining what you need to do to complete your project and what you should expect:

- Build a group of 4 students and inform me via e-mail (**mmisir [at] nuaa.edu.cn**), by 23:59, 25 September, 2016 (Sunday)

- Then, a project will be *randomly* assigned to each group by 28 September, 2016 (Tuesday)

- The assigned projects can be achieved using any programming language allowing object-oriented programming, together with any other tools you are familiar with, e.g. MySQL for database.

    - It is strongly suggested to use a project management/hosting service such as **github.com** and **bitbucket.org**

- For submission, all the software files (code, database tables etc.) should be provided

- Besides that, a report should be delivered, including:

    - A problem statement
    - A list of requirements
    - A sofware design referring to its subsystems and internal connections, with a discussion on why you need those subsystems and the reasons behind the connections between the subsystems
        * Each group member should be responsible on the implementation of, at least, one subsystem and the workload among the group members should be fair (**a bad example**: 1 subsystem by one member, 5 subsystems by another member and no subsystems for the rest).
        * Each group member should also contribute to the overall design and the report preparation. The contribution of each member should be explicity mentioned.
    - Internals of the subsystems, i.e. the classes in each subsystem together with their relations such as inheritance
    - A set of representative screenshots of the running system, with some test-cases

- After all the projects are submitted, each report of a group (**A**) will be given to another, *randomly* selected, group (**B**) for evaluation. Then, **A** will perform a short presentation on their project to convince **B**. At the end, **B** should submit a short evaluation report of 1-2 pages discussing the good elements and the issues in the **A**'s project.