# System Analysis and Design

**Assignment:    Spring 2019**

**Lecturer: Yan LIU**

# Part IV: Final Solution and Self-Reflection

**Due: Monday, June 24, 7:00 pm**

**Mail To:** ooad_sse@sina.com

**Weight in course grade:    20%**

In the previous assignments, you analysed and designed a system using UML. In the final assignment, you should explore the usage of architectural style, design patterns and other design principles to improve the **QUALITY** of your system design. You may refine your architecture and update your design model based on those decisions.

**Each team will be presenting your architecture improvements, critical design decisions, updated design model, and your project self-reflection prior to submitting the final report. (June 20)**

❖ **Final Presentation (weight in course grade: 10%)**
You should present your software design in 10 minutes. The following issues should be addressed in your presentation.
0. Improvement in the system architecture
1. Architecture style and critical design decisions
2. Updates in the design model, if any
3. Open issues in your design model
4. Project self-reflection

❖ **Deliverables (weight in course grade: 10%)**
0   **Final report**: The report should describe the software models and other artifacts created for your system analysis and design. The report should also include a description of architectural styles, analysis or design patterns, or design principles that you investigated and utilized in your project.
1   **Contributions of team members.**

*Note: You must submit both the required documents and the corresponding UML model files.*