Reflective Essay

At the end of the semester, we are about to finish the course of software engineering. In teamwork, I think our teams understand each other and work together for the project. I like this working mode very much.

I learned a lot of useful knowledge in this course. For example, I learned about the specific steps of a software development, learned to draw UC charts, some knowledge of URLs. In this course, I think the most difficult part is to realize the theory. In the classroom, I learned some basic principles, but in the actual work, there are still problems in the development of specific projects. In this course, we designed the software box in a group of six people. In the team, I find it most difficult for the team members and members to communicate because of the different parts of responsibility. In this course, I also encountered some problems. for example, in the development process, because I lack the basic language JAVA, as well as database knowledge, we have the database cannot connect, and some of the functions we envisage cannot be achieved. If I have another semester to do this project, I will trust my team more and do our best.

I think we should learn the basic development language JAVA, C++, data structure and other courses before taking this course. In this course of software engineering, it helps me develop software systems systematically, standardized and quantitatively. For example, it first lets us divide the requirements of box software into use cases, then process the steps of use cases, and then classify and connect the systems in series. It enables us to develop software step by step and systematically. I think this is the most useful for us.

I think it's better to work on defined projects because I think it will save us time to analyze projects and make our goals clearer.

As part of the team, in this software engineering work, I think my analytical ability, as well as the ability to extract key points, has been greatly improved. Because in this development work, the use cases I am responsible for are relatively complex, and I benefit from the process of implementing these use cases.

I think OCL language and data architecture are also useful knowledge for this

project development. Generally speaking, this course is very helpful to improve my knowledge of software development. Through this course, I never knew anything about development, but now I can do some simple software development.