Time is running fast and this semester is coming to an end. After one semester's study of software engineering course, I have learned the complete process of software development, project determination, project requirement analysis, detailed design, code design, development implementation , and software testing after development. And the relevant methods and tools in each of the above steps.

Learning a new course is not too easy for anyone. But fortunately, the people in our group are excellent enough to solve the problems in the course through group cooperation. Before learning software engineering, there are some basic courses that must be completed in advance, Computer Network, Computer Architecture, Data Base, Advanced Programming Language, Algorithmic Analysis and Design, and Data Structure. Due to the lack of some basic courses, we encountered great difficulties in the process of software development.

After this semester's study, I think Software engineering is not so much a course as an idea. It is a process of how to analyze and deal with problems. It should be said that its scope is far beyond the course, and it has become a comprehensive set of ideas that can solve problems.

I learned a lot about software development from this course, establishing an object model to analyze the relationship between objects, requirement analysis of projects, abstracting from entities, establishing the domain concepts, and then deriving use cases, and software developing and testing. These technologies provide clear ideas and steps for the development of our team. During learning, I think the most difficult part is to abstract domain concepts from entities and build domain models. The domain concept was an abstract thing that is hard for me to understand. I looked through textbooks and looked up knowledge and examples of building domain models online. In the end, my problem was solved in the group discussion.

As a member of the team, I am not very good at design work. But our group members often discuss and help each other and consult each other. I am very lucky to be a member of our team. The time that members work together this semester will be a good memory of my college life. At the same time, I am very happy to do what I can for our team. I think the most important part of these technologies for teams is domain

analysis. It helps analyze and understand complex business domain issues, visualize Abstract concepts. At the same time, it helps to export use cases, which provides a basis for class design.

Software Engineering teaches the specific process and method of software development. All the knowledge I learned in the course helped me a lot. After a semester of study, I think I have the ability to initially manage the entire software development process. I believe that what this course teaches me will continue to help me in my future study or work.