Personal Reflection——Software Engineering

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After a semester of study, I deeply understand the importance of software engineering. As the bridge of communication between customers and programmers, it is undoubtedly our ultimate pursuit of learning software engineering to satisfy customers' requirements through the knowledge we have learned.

My professor defines himself as a customer. By simulating the whole process from birth to end of a project helping us to familiarize the specific process of software engineering in practical application.

Before we really started this project, we collected a lot of information from the Internet and real life. Based on that, the direction and function of the project are established. We provide 24-hour service for package sending or recieving. Committed to providing customers with safe and convenient express service. And we create convenience for our customers on the basis of protecting their privacy and security.

At the beginning of the project, we defined the functional part of the project, and made some modifications in the later practical work process. Every modification is a major undertaking, which means that all the parts related to it have to be changed accordingly. The first time we decided to change some parts of the project, I was in a hurry because of the huge workload, but as the project progressed, I gradually became comfortable with it. I gradually learned how to use tools to draw URLs diagram, how to calculate duration, and so on. The most important thing is that my cooperation with my team members is getting more and more tacit, which makes me very happy.

If I had another semester to do this project, I would improve the current function, because of the time reason, we gave up the take-away storage function, which makes me very regret. The takeaway register with heat preservation function is also the highlight function we envisaged at the beginning of the design. If we have more time, we will implement this function. In the group, we will assign different tasks to each member, and pay attention to the communication between each other, so as to avoid irreparable mistakes.

In developing software products, we also face many challenges. In the process of development, it is usually not possible to accurately estimate the progress of work, which makes it difficult to manage the work process.We try to define the division of work and product standards of the development team as clearly as possible in order to check the resulting standards clearly.

According to my experience, working on a well-defined project is more time-saving and labor-saving than defining a new project, but it also has disadvantages. The original functions may conflict with the new parts, and to a certain extent, it limits the exertion of innovation ability.

The software engineering course is very helpful for my future work. I have insight into the whole process of a software product from the initial stage to the final completion. Finishing my project bit by bit, although the process is not so easy, but when I accomplish it, that feels fantastic. In my study, my professor helped me a lot. I would like to say that I got the experience in developing projects from this semester's study, which has greatly benefited me.