

## Software Engineering Q/A Sheet (#5)

date:\_\_\_\_\_ number:\_\_\_\_\_ name: \_\_\_\_\_

### Questions from Prof.

1. Define the notion of requirement and requirements engineering process.
2. Compare user requirement and system requirement.
3. Compare functional requirement, nonfunctional requirement and domain requirement.
4. Suppose that your client has a specific request for non-functional requirement such as high performance, and you have to determine the process model of the waterfall or agile model. Select a process model and explain why.
5. Explain why domain requirements are crucial for system development and difficult to articulate.
6. Discuss the requirement engineering process in the agile methods.
7. Read and learn the form of requirement documents proposed by IEEE.
8. Describe the overlapping features between requirement and design.
9. Explain the spiral view of the requirement engineering process.
10. Summarize the process of requirements elicitation and the problems that occur during the process.
11. Interviewing is a popular and effective way to gather user requirements. But there are also strengths and weaknesses. Explain them.
12. Describe a scenario about a specific service in your team project according to the template. And extract actors and use cases for each actor.
13. Describe the advantages and limitations of ethnography. And suppose its effective use situation.
14. Define the process of requirement validation and explain its importance.
15. List the requirements validation techniques and explain what you can identify with each technique.
16. Describe the process of requirement change management.

### Questions from your ownself

- 1.
- 2.