

Fundamentals of Software Engineering

This Tutorial is based on questions from the book Software Engineering 10 by Ian Sommerville and is based on the material covered in chapter 4.

Week 4 Tutorial

Requirements Engineering

1. What are user requirements and system requirements?
2. What is the distinction between functional and non-functional requirements?
3. List 3 types of non-functional requirement?
4. What is the software requirements document?
5. What are the main advantages of using a standard format to specify requirements?
6. Give 5 reasons why eliciting requirements is difficult?
7. What are the principle stages of the requirements engineering process?
8. What should be included in a scenario?
9. What is a use-case?
10. What checks should be applied during requirements validation?
11. List three requirements validation techniques?
12. What is requirements management?
13. What are the stages in the requirements change management process?