

Requirements Engineering

Assign: 2020.03.27

Due: 2020.04.06 (Monday)

Late penalty (10% per day up to 5 days, No acceptance after 5 days)

Your name:

Read chapter 4 of book1 and answer all questions. 1 mark per question

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 are the principal stages of the requirements engineering process?

5. Give 5 reasons why eliciting requirements is difficult?

6. What is ethnography and how is it used in requirements elicitation?

7. What information should be included in a scenario.

8. What is the distinction between the terms 'shall' and 'should' in a user requirements document, which is written in natural language?

9. What are the main advantages of using a standard format to specify requirements?

10. What is a use-case?

11. How do managers and test engineers use a system requirements document?

12. What checks should be applied during requirements validation?

13. List three requirements validation techniques?

14. What is requirements management?

15. What are the stages in the requirements change management process?