

Documenting the Requirements

Chapter 10

Requirements

Requirements can be represented:

- Documents that use well-structure and carefully written natural language
- Graphical models
- Formal specification

SRS Template

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Checklist for Functional Requirements

	Satisfied?	Why or why not?
Identified by a number		
Identified by a short phrase		
Prioritized (imperative, important, desired)		
Rationale is given		
Tells what is required		
Tells under what situation		
Clearly written, unambiguous		
Avoids premature design		
Can't be broken into multiple more clear requirements		
Necessary requirement (also check that it wouldn't be better expressed as a non-functional requirement)		
Realistic		
Testable		
Stands on its own – other requirements don't need to be examined to understand what this means		
Uses terms/approach consistent with the rest of the document		

Shall, should and Will (page 209)

shall – requirement, desired functionality, system capability, imperative

should – desired

will – design expectation, declarative, something that is true not that developers must implement