**Type of specification**

**Commercial Specifications:**

What material should be used?

Specs for standards of materails that should be used. Dimensions, chemical composition, allowable tolerances

**Design Specification:**

How it should be developed?

Precisely how the product is to be made or a service delivered. It details both functional and non-functional requirements.

covers assumptions, constraints, performance, dimenions, weights & reliablity

**Performance specification:**

How it should work?

Cost of standard item is unacceptably high, supply risk because of protected by a patent.

Requ Type:

Functional, non-func, structural, architectural

**Req Analysis activities**

Eliciting Req: called requirment gathering

Analyzing Req: SMART. clear, complete, not ambiguous, not contradictory- resolve issues

Recording req: using natural lang, use cases, user stories, process specs

Req Engineering loosely called as Req gathering/ req captur, req specs

**Req Eng stages**

Req elicitation -> Req anal & nego -> req specs -> system modeling -> req validation -> req mgmt

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FS

SRS

Design Specification

Use case

N-FR

FR

Usecases are functional requirement