

Thursday



lecture # 09

Feb 19, 2026



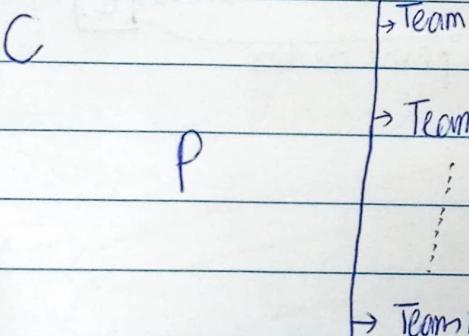
Conversion from non-testable to testable requirements:-

- 1- Specify quantitative description for each adverb and adjective.
- 2 - Replace pronouns with specific names of entities
- 3- Make sure to use/define at exactly one place in document. (consistent name for afield).

Examples:-

1. System should handle large no. of users : non-testable
→ rule # 01 apply
2. Summary report must be accessible immediately : non-testable
3. user must press save button after entering the text in the document, it should prevent for being lost. (non-testable)
→ rule # 02.
→ replace with text

RAD:



M C D

rapid development

→ frequent prototypes

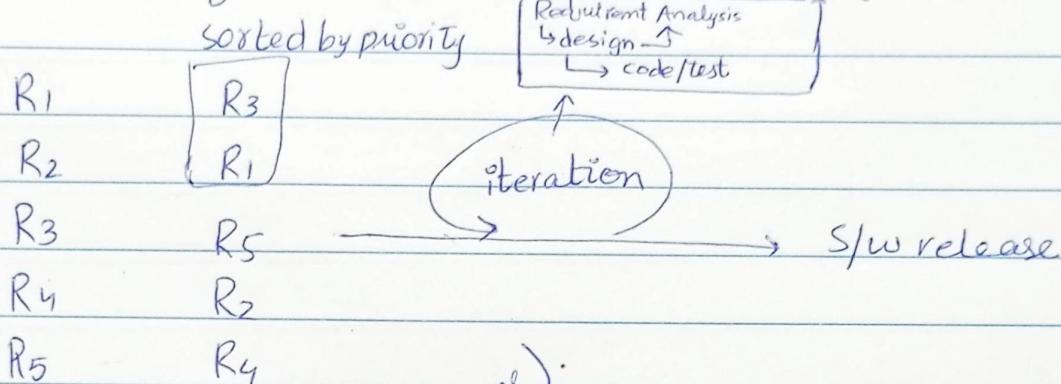
→ diff modules (team)

incremental / iterative approach

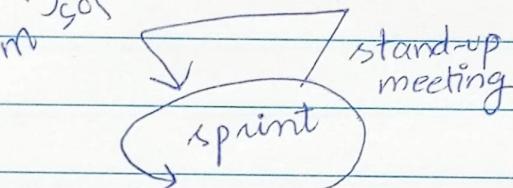
AGILE: → use whatever model u want
(documentation can be skipped)



- Focus on a successful system.
- prioritize users over processes (users/people vs stakeholders).



SCRUM: (mostly used in software houses)



→ sprint time
(2 weeks to 4 weeks)

→ Product owner

→ Dev. Team

→ Scrum master

↳ monitoring everyone.

XP: (extreme programming) have ~~high risk~~ projects...
↳ focus on coding. (highly skilled workers) (focus on technical side).

Kanban: (Visual Boards)

↳ bounded by: you can't assign more than a specific no. of tasks to a person / team.