SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

COURSE NAME : 19CS302 AGILE SOFTWARE ENGINEERING

II YEAR /III SEMESTER

Unit 3- Agile Scrum Framework

Topic 1: Introduction to Scrum - Project phase

Brain Storming
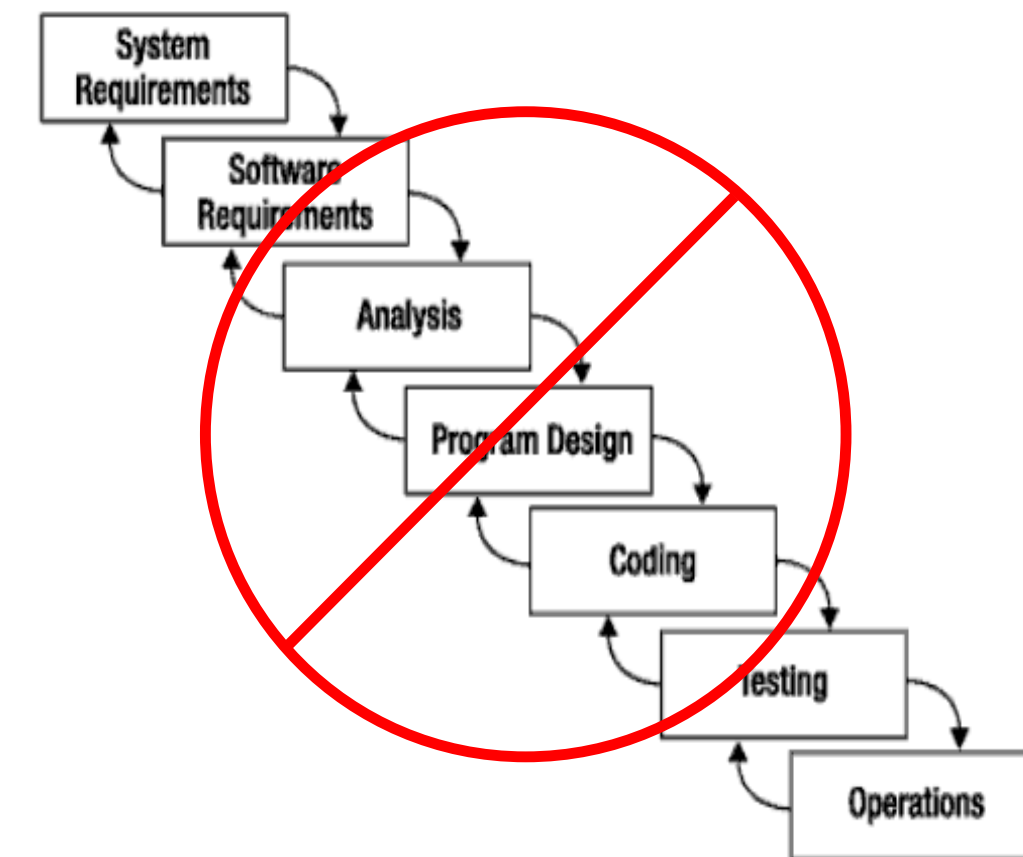
1. What is scrum methodology?

What is Scrum?

- **Scrum**:

- Is an agile, lightweight process
- Can manage and control software and product development
- Uses iterative, incremental practices
- Has a simple implementation
- Increases productivity
- Reduces time to benefits
- Embraces adaptive, empirical systems development
- Is not restricted to software development projects

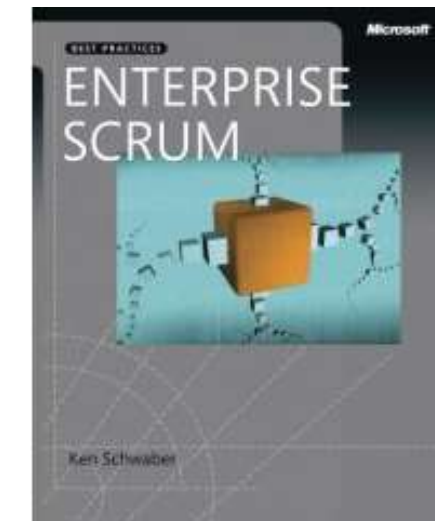- Embraces the opposite of the waterfall approach...

Scrum-Origins

- Jeff Sutherland

Initial scrums at Easel Corp in 1993
IDX and 500+ people doing Scrum

- Ken Schwaber

ADM
Scrum presented at OOPSLA 96 with Sutherland
Author of three books on Scrum

- Mike Beedle

Scrum patterns in PLOPD4

- Ken Schwaber and Mike Cohn

Co-founded Scrum Alliance in 2002, initially within Agile Alliance

Scrum-Project Phases

Phase	Processes
Initiate	1. Create Project Vision 2. Identify Scrum Master and Stakeholder(s) 3. Form Scrum Team 4. Develop Epic(s) 5. Create Prioritized Product Backlog 6. Conduct Release Planning
Plan and Estimate	7. Create User Stories 8. Approve, Estimate, and Commit User Stories 9. Create Tasks 10. Estimate Tasks 11. Create Sprint Backlog
Implement	12. Create Deliverables 13. Conduct Daily Standup 14. Groom Prioritized Product Backlog
Review and Retrospect	15. Convene Scrum of Scrums 16. Demonstrate and Validate Sprint 17. Retrospect Sprint
Release	18. Ship Deliverables 19. Retrospect Project

AGILE-JENKINS/ 19CS302 AGILE SOFTWARE ENGINEERING/M.KANCHANA/CST/SNSCE

Assessment 1

1. How Jenkins perform Integration process?

Ans : _____

2. List out the industries using Jenkins.

Ans : _____

References

1. Roger S.Pressman, Software engineering- A practitioner's Approach, 10th Edition, McGraw-Hill, 2017.

2. Ken Schawber, Mike "Agile Software Development with Scrum" Pearson Education, 2nd Edition, 2015.

Thank You