Advanced Scrum Techniques

Topics

- Scaling
- Diverse Environments

Certified Scrum Master Training - V35.01 (2024)
Copyright Artisan Agility & Artisan Software Consulting, All Rights Reserved

CSM
SCRUM MASTER

ARTISAN
AGILITY

Introduction to Scaling

- Why do we scale?
- Challenges & Benefits

Challenges and Benefits

- Coordination between teams
- Maintaining consistency and alignment
- Increased effectiveness and team collaboration

Techniques for Scaling Scrum

- Scrum of Scrums (SoS)

- Large-Scale Scrum (LeSS)

- Nexus Framework

- Scrum at Scale (SaS)

- SAFe (as an example to avoid)

CSM
SCRUM MASTER

ARTISAN
AGILITY

Scrum of Scrums (SoS)

- Multi-team coordination
- Regular synchronization
- Brings developers together

Large-Scale Scrum (LeSS)

- Lightweight framework
- One Product Backlog, multiple teams
- Centralized Product Owner
  - And Area Product Owners (i.e., LeSS-Huge)

CSM
SCRUM MASTER

ARTISAN
AGILITY

Nexus Framework

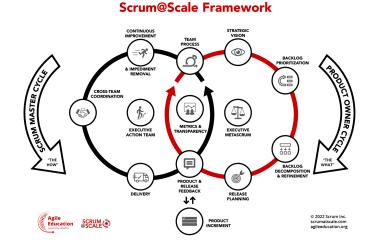- Designed for 3-9 Scrum teams
- Emphasis on integration and transparency

Scrum at Scale

- Natural extension to Scrum
- Scrum of Scrums on steroids
  - Product Owner Side
    - Meta Scrum (SoSoS…)
    - Strategic Vision
    - Backlog Management
  - Scrum Master Side
    - EAT Team (Executive Action Team)
    - Continuous Improvement
    - Cross-Team Coordination

Scrum@Scale Framework

To Avoid: Scaled Agile (SAFe)

- Over-Complicated
- Excessive Hierarchy
- Focus on Process over Outcomes

Best Practices for Scaling

- Coordinating multiple teams
- Maintaining alignments and consistency across teams
- Promoting effective communication

ARTISAN
AGILITY

Discussion

- In what kinds of situations might you want to scale?

- In what kinds of situations might you want to avoid scaling?

Certified Scrum Master Training - V35.01 (2024)

Copyright Artisan Agility & Artisan Software Consulting, All Rights Reserved

CSM
SCRUM MASTER

ARTISAN
AGILITY

Scrum in Different Environments

- When applying Scrum outside the IT environment
  - It's all about the values
    - Agile Manifesto
      - Individuals and Interactions
      - Working Product ("software")
      - Customer Collaboration
      - Responding to Change
    - Scrum
      - Commitment
      - Courage
      - Focus
      - Openness
      - Respect

Challenges

- Cultural differences
- Stakeholder expectations
- Legal/regulatory compliance

Certified Scrum Master Training - V35.01 (2024)

Copyright Artisan Agility & Artisan Software Consulting, All Rights Reserved

CSM
SCRUM MASTER

ARTISAN
AGILITY

Scrum in Hardware & Manufacturing

- Adapting Scrum to physical product development
- Managing longer lead times
- Rethinking the values for hardware

ARTISAN AGILITY

Scrum in Marketing & Sales

- Scrum in campaign planning
- Iterative feedback from customers and stakeholders
- Marketing Sprints?
- Campaign Retrospectives?

Scrum in Healthcare & Education

- Adapting Scrum to highly regulated environments

- Benefits of Scrum for process improvement in healthcare

- Scrum in curriculum development and academic projects

Discussion

- How would you adapt Scrum and the Agile mindset to non-IT environments?

Conclusion of Module

- Key Takeaways
  - Techniques for scaling Scrum
  - Adapting Scrum to different industries
- Resources
  - Student Handbook
- Questions

Certified Scrum Master Training - V35.01 (2024)

Copyright Artisan Agility & Artisan Software Consulting, All Rights Reserved

CSM
SCRUM MASTER

ARTISAN
AGILITY