



**BITS Pilani**  
Pilani Campus

# BITS Pilani presentation

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# **SS ZG544 , Agile Software Processes**

## **Lecture No. 3- Agile Manifesto & Principles**

# Agile Manifesto & Agile Principles



- <https://agilemanifesto.org/>
- Agile Practices
  - Agile Manifesto → Agile Principles → Agile Practices
  - Agile Practices → Project Outcome
- Sprint Planning, Product Backlog, Sprint Review, Planning Game, Frequent Delivery, Retrospective
- Definition of Done
- Whole Team, Osmotic Communication, Daily Scrum
- TDD, Pair Programming, Continuous Integration, 10-minutes Build

# Q&A



Q.1 <https://forms.gle/biAfBryfBpevNVHdA>

Q.9 <https://forms.gle/tu1jJH6ok8UqFxyq9>

# Agile Manifesto-1( Anti-Patterns)



When applying the Agile Manifesto:

Individuals and interactions over processes and tools.

- The tool makes us Agile
- Relentless automation
- Hierarchies
- Over-standardization

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT

# Agile Manifesto-2( Anti-Patterns)



When applying the Agile Manifesto:

Working software over comprehensive documentation

- Because they asked us for it: Other parts of the organization often say they require additional documentation or reporting.
- We will need this later
- Documentation as collaboration
- Write only documentation

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT

# Q&A



Q.3 <https://forms.gle/biAfBryfBpevNVHdA>

Q.5 <https://forms.gle/bGYxP7Xipteqp1Sa8>

# Agile Manifesto-3( Anti-Patterns)



When applying the Agile Manifesto:  
Customer collaboration over contract negotiation

- Detailed story descriptions
- Fixed standards or processes
- Restricting who can talk to the customer
- Not considering cultural difference
- Lacking collaboration skills

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT



# Agile Manifesto-4( Anti-Patterns)



When applying the Agile Manifesto:

Responding to change over following a plan

- Iterations planned in advance
- The tool makes us plan
- Focus on the tasks not the value
- Small stories on the backlog

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT

# Agile Principles – Customer Centric ( Anti- Patterns)



## Slanted toward customers

- 1 Our highest priority is to satisfy the customer through early and continuous delivery of valuable software
- 2 Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage
- 3 Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale
- 4 Business people and developers must work together daily throughout the project

- Proxy customers (Business Analysts, Architect acting as customer)
- Considering plans and roadmaps as commitments
- Expecting too much detail
- Not engaging Out of sight, out of mind- Stakeholders

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT

# Agile Principles – ( Anti-Patterns)



## Slanted toward managers

- 5 Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done
- 6 The most efficient and effective method of conveying information to and within a development team is face-to-face conversation
- 7 Working software is the primary measure of progress
- 8 Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely

- One size fits all approach towards team management
- Chasing the metrics
- Ignoring the environment
- Multiple deployment environments

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT

# Q&A



Q.6 <https://forms.gle/xRSq1kwGNwfALi3C7>

Q.7 <https://forms.gle/DEPtdyZiTF5mzRfT8>

Q4 <https://forms.gle/iZcp4fkvHWiGPvT29>

# Agile Principles – ( Anti-Patterns)



## Slanted toward the team

- 9** Continuous attention to technical excellence and good design enhances agility
- 10** Simplicity – the art of maximizing the amount of work not done – is essential
- 11** The best architectures, requirements, and designs emerge from self-organizing teams
- 12** At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly

- Over-complicating things/Future proof everything
- Insisting on Sign-off processes
- Just in case' development-setting things up for later features
- Management focus on individuals

Ref: Agile From First Principles , Lynda Girvan, Simon Girvan. Published by BCS, The Chartered Institute for IT

# Q&A



Q.10 <https://forms.gle/3Yp8aeJDR7956pvu6>