Software Development and Management

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1 Agile

The values:

- Individuals and interactions over processes and tools

- Working software over comprehensive documentation

- Customer collaboration over contract negotiation

- Responding to change over following a plan

The Manifesto for Agile Software Development is based on twelve principles:

- Customer satisfaction by early and continuous delivery of valuable software.

- Welcome changing requirements, even in late development.

- Deliver working software frequently (weeks rather than months)

- Close, daily cooperation between business people and developers

- Projects are built around motivated individuals, who should be trusted

- Face-to-face conversation is the best form of communication (co-location)

- Working software is the primary measure of progress

- Sustainable development, able to maintain a constant pace

- Continuous attention to technical excellence and good design

- Simplicity—the art of maximizing the amount of work not done—is essential

- Best architectures, requirements, and designs emerge from self-organizing teams

- Regularly, the team reflects on how to become more effective, and adjusts accordingly