Get ready.
Get Agile.

Agile Methodology

What is Agile?

- A project management approach devised in 2001 by 17 developers looking for an alternative way to build software

- The initial meeting created the now influential "Manifesto for Agile Software Development" (http://agilemanifesto.org/)

- Consists of 4 key Values and 12 operating Principles

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The Four Agile 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

While the items on the right have value, we value the items on the left more

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12 Principles behind the Agile Manifesto

Discuss each of the following principles.

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1.
Our highest priority is to satisfy the customer
through early and continuous delivery
of valuable software.

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2.
Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.

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3.
Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.

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4.
Business people and developers must work together daily throughout the project.
Build projects around motivated individuals.

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5.
Give them the environment and support they need,
and trust them to get the job done.

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6.
The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.

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7.
Working software is the primary measure of progress.
Agile processes promote sustainable development.

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8.
The sponsors, developers, and users should be able to maintain a constant pace indefinitely.

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9.
Continuous attention to technical excellence
and good design enhances agility.

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10.
Simplicity—the art of maximizing the amount
of work not done—is essential.

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11.
The best architectures, requirements, and designs emerge from self-organizing teams.

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12.
At regular intervals, the team reflects on how
to become more effective, then tunes and adjusts
its behavior accordingly.