

The Agile Mindset



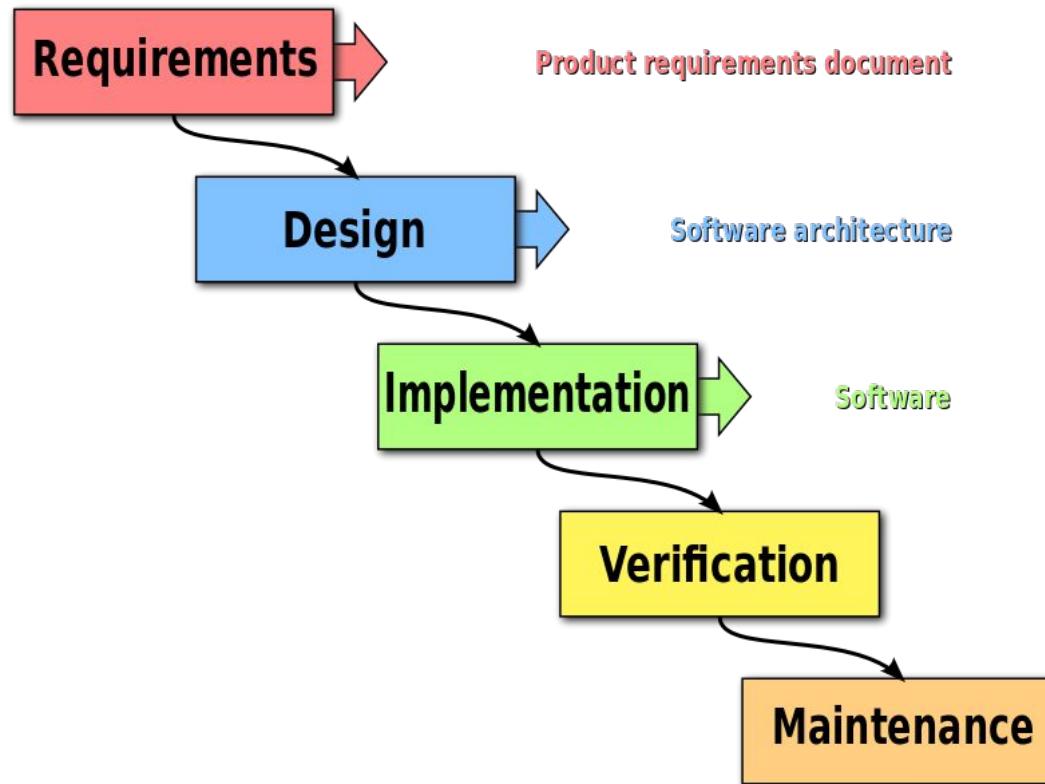
Cerize @ Bananatag
Jan 4/ 2018

A close-up photograph of a vast pile of jigsaw puzzle pieces. The pieces are numerous, overlapping, and vary greatly in color and shape. They include shades of blue, yellow, orange, red, green, and brown, suggesting a complex scene or landscape that has yet to be assembled. The lighting is bright, highlighting the edges and textures of the individual puzzle pieces.

A big puzzle

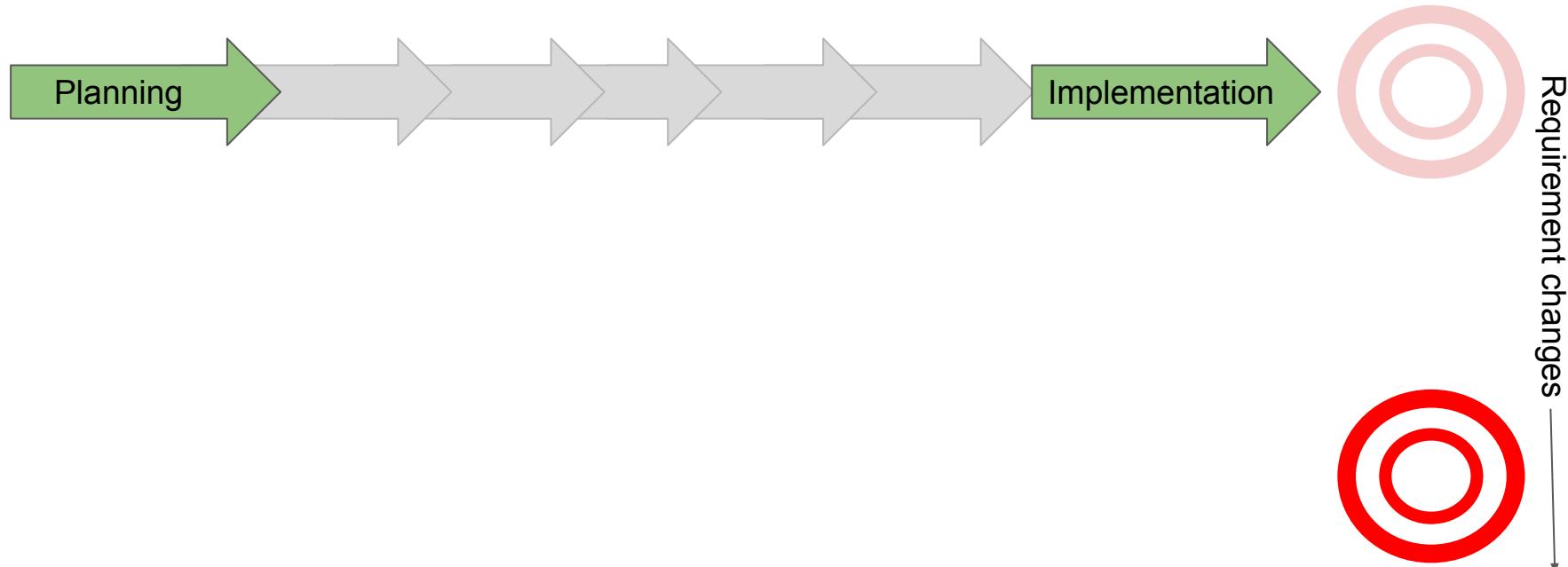


The Waterfall Model





Changes in business environment



(Considering the planning is perfect...)

The Agile Way

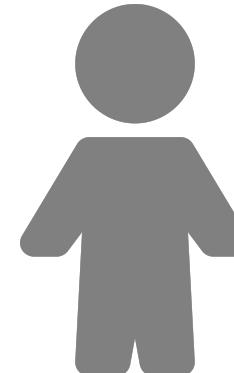
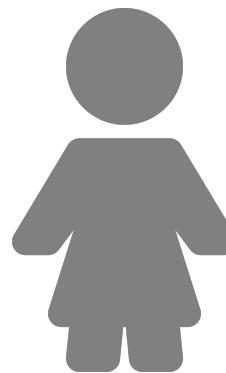
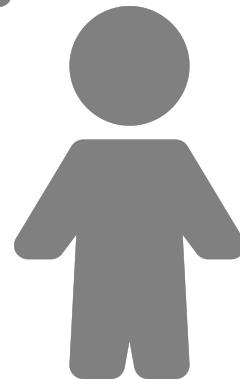
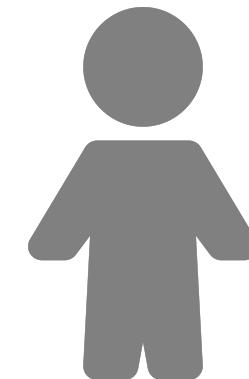
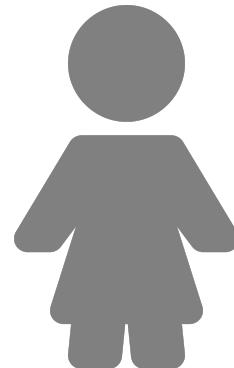
Iterative



Incremental



A big puzzle





Ways of making a cake

The Agile Manifesto

Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

12 Principles behind the Agile Manifesto

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.



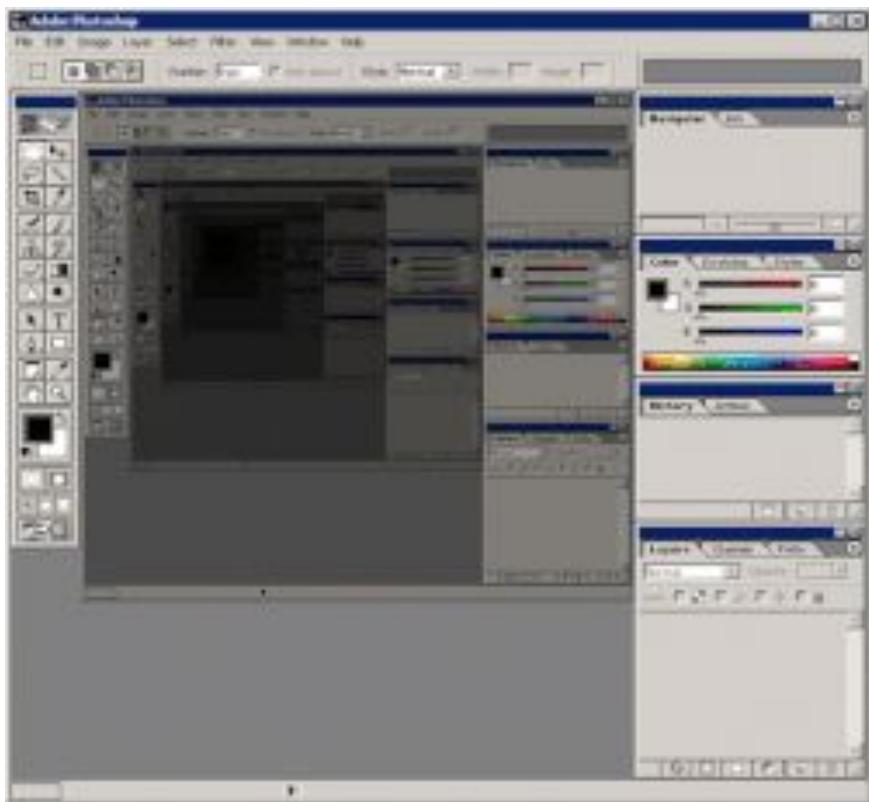
5 Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.





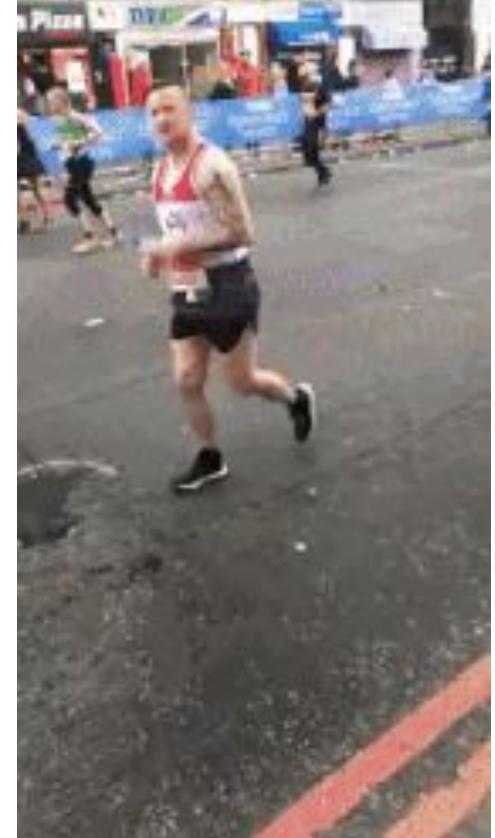
6 The most efficient and effective method of conveying information to and within a development team is **face-to-face conversation**.

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**.



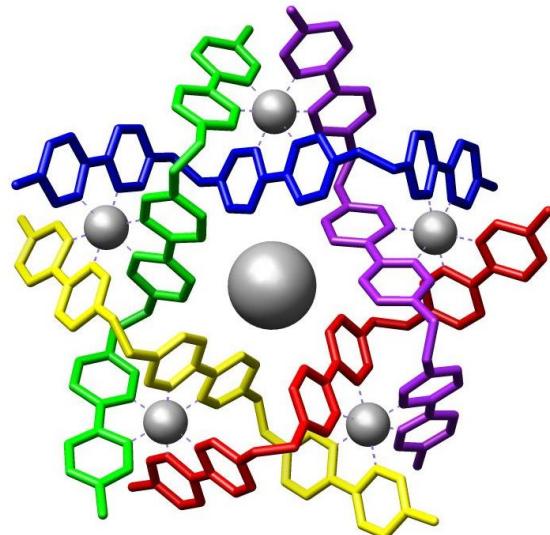


9 Continuous attention to
technical excellence and **good design** enhances agility.

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



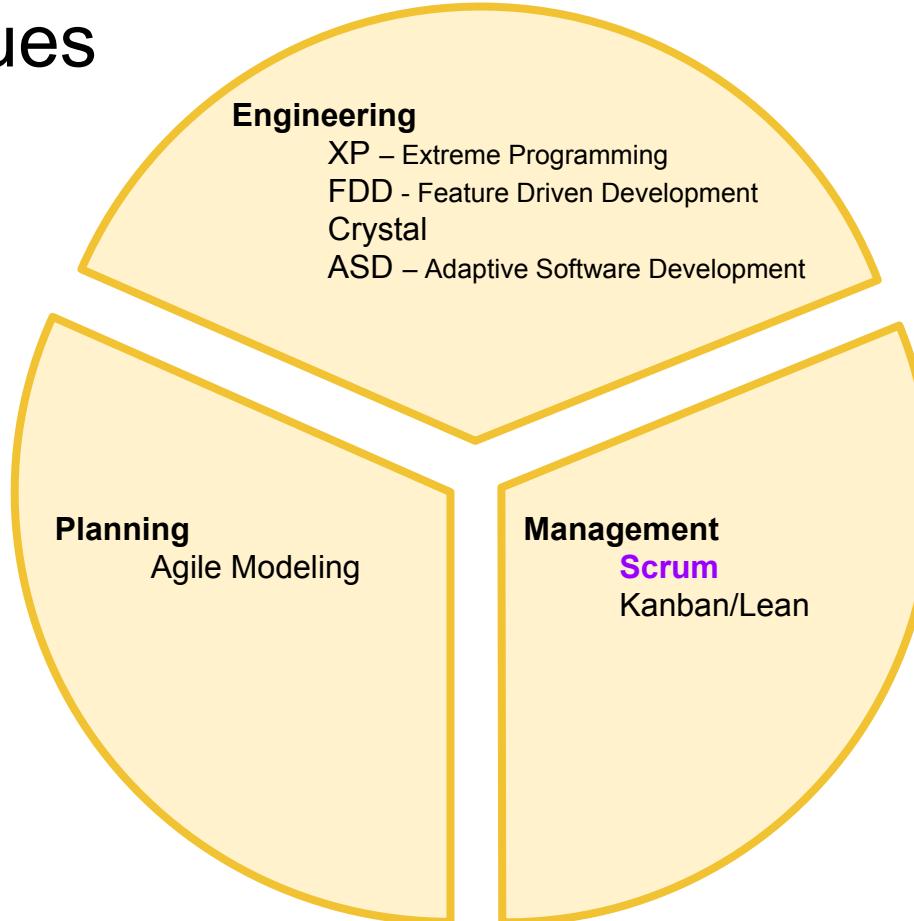
11 The best architectures, requirements, and designs emerge from self-organizing teams.



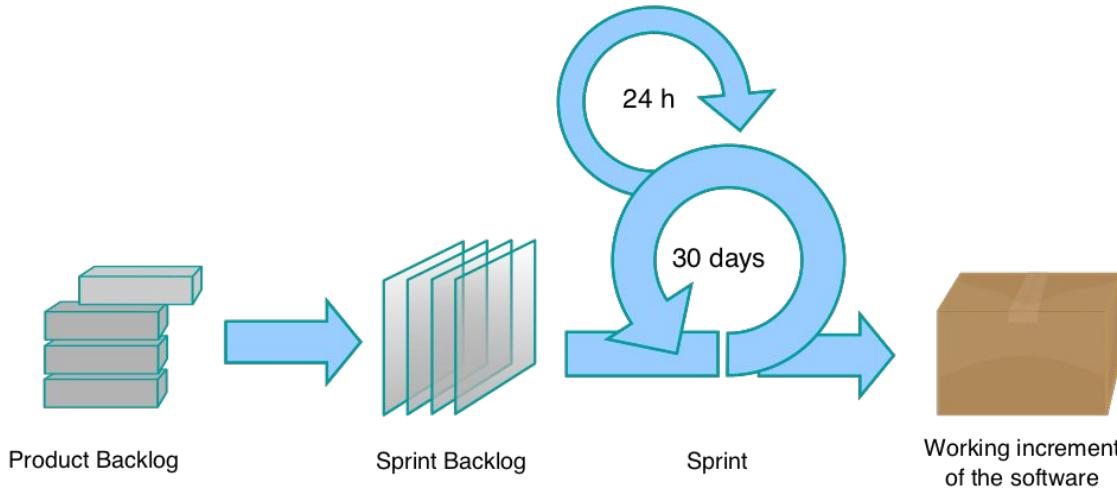


12 At regular intervals, the team reflects on how to become more effective, then tunes and **adjusts** its behavior accordingly.

Agile Techniques

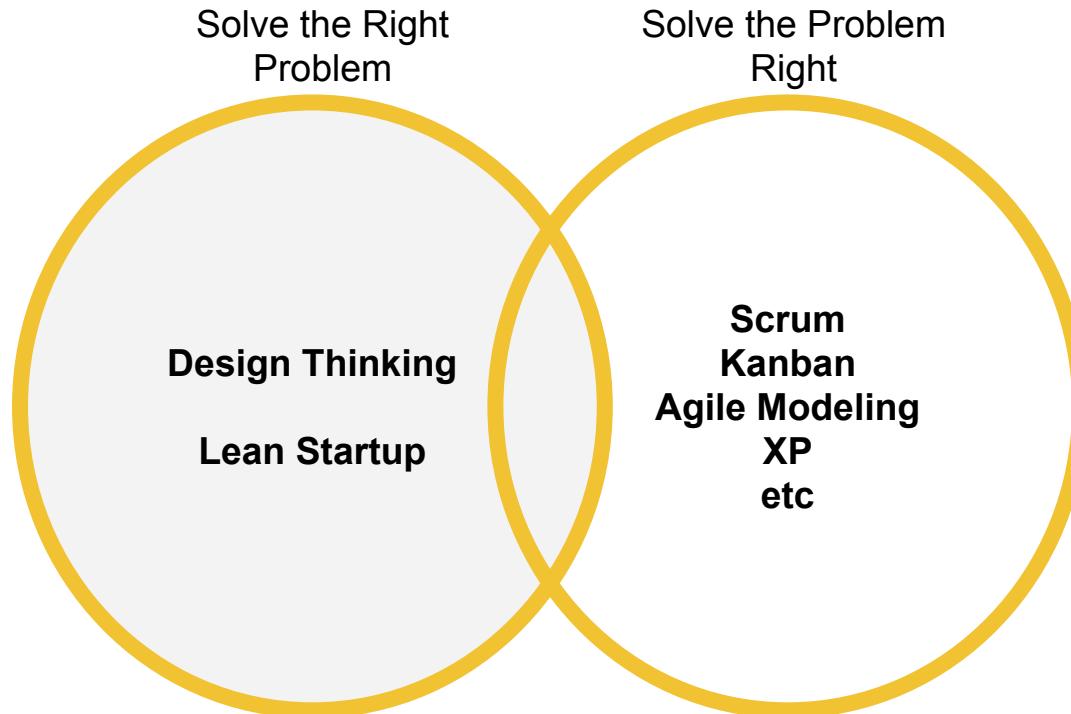


Scrum



[https://en.wikipedia.org/wiki/Scrum_\(software_development\)#/media/File:Scrum_process.svg](https://en.wikipedia.org/wiki/Scrum_(software_development)#/media/File:Scrum_process.svg)

Business Agility



Should we do it?

Requires MUCH
more discipline

Harder to manage



Photo by [Leio McLaren](#) on [Unsplash](#)

Knowledge
≠
Understanding

Gartner Predictions 2018

Search	Disruption	Blockchain	Trust	AI
30% Visual and Voice Search Drive Commerce Revenue	5 of 7 Digital Giants Self-Disrupt	\$1 Billion Cryptocurrency Value Created in Banking	50%+ Consuming More False Information Than True	Real or Fake? "Counterfeit Reality"
2021	2020	2020	2022	2020
50%	40%	2.3M	95%	Half
Bot Development Over Mobile App Development	IT Versatility With People-Centric Roles	Net-New Jobs Versus 1.8M Eliminated	New Products Contain IoT	IoT Security Spend on Remediation
2021	2021	2020	2020	2022
AI	Talent	AI	IoT	Security

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Thanks