

Becoming Agile





Goals

1. Explain the purpose of a 'stand-up' meeting
2. Define the term 'sprint'





Roadmap

1. Overview
2. The Product
3. The Schedule
4. The Day-to-day





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Overview





Overview

- The good thing about agile: you make it your own
- Start the conversation with a 'generic' agile



Video

- What is Agile Methodology?
- Agile Methodologies





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The Product





Overview

- Every project has requirements
- There are various ways to describe them



User Story

Informal description of a feature or a requirement.

- Agile way of thinking about requirements
- Often on cards (at least initially)



Examples

- As the HR manager, I want to create a screening question so that I can understand whether I want to send possible resumes to the functional manager.
- As a manager, I want to browse my existing quizzes so that I can recall what I have in place and figure out if I can just update an existing quiz for the position I need now.
- As a user, I can indicate folders not to back up so that my backup drive isn't filled up with things I don't need saved.



Key Points

- Role
- Value
- Action



Backlog

- List of features
- Prioritized
- Non-technical requirements

StoryID	Story	Size	Priority	Sprint	Owner
U228	As an end-user I need to be able to contact the sales team.	Small	3	1	JB
U229	As an administrator, I need to manage beverages.	Large	2	1	
U230	As an end user I need to see the list of beverages.	Medium	3	TBD	



Video

- Four Principles Lean Management





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- Product backlog





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The Schedule





What's a Sprint?

In Agile product development, a sprint is a set period of time during which specific work has to be completed and made ready for review.

- Sprints are fixed duration
- Usually 1 to 4 weeks



Sprint Planning

Each sprint begins with a planning meeting. During the meeting, the product owner (the person requesting the sprint) and the development team agree upon exactly what work will be accomplished during the sprint. The development team makes the final say when it comes to determining how much work can realistically be accomplished during the sprint, and the product owner has the final say on what criteria need to be met for the work to be approved and accepted.



Kickoff

- Decide on a theme
- Decompose stories into technical tasks
- Estimate
- Assign



Sprint Backlog

- Contains discrete tasks
- Time estimates
- Assignments

TaskID	User Story	Title	Description	AssignedTo	Prior
S1-T4483	U228	Previous Tickets - UI	This is the UI portion to create a way for the user to see previous tickets.	JBloggs	Normal
S1-T4485	U228	Previous Tickets - API	Add an endpoint to the REST api exposing previous tickets.	JDoe	Normal



Artifact

- Specific deliverable
- Examples:
 - Feature
 - Document
 - Script





Estimation

- It's **hard**
- No 2 people are alike
- There's always uncertainty



Don't Be the Hero

- Estimate an average case



Honesty (Cont...)

The wisest and best salesman is always the one who tells the truth about his article. He looks at his prospective customer through the eye and tells his story. That is always impressive. And if he does not sell the first time, he leaves a trail of honesty behind. A customer, as a rule, cannot be fooled a second time by some shady or clever talk that does not square with the truth. Not the best talker wins the sale - but the most honest talker.

Being bluntly honest is always safe and best.



End of Sprint

- Often called a **retrospective**
- Often includes
 - Demo
 - What went right
 - What needs work



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- Sprint 0





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The Day-to-day





Daily Standup

- Works well when
 - The team is relatively small
 - The team has some discipline



Formula

Each Pig says:

1. What did you do yesterday?
2. What is your plan today?
3. Is anything blocking your progress?



Chickens and Pigs

*A pig and a chicken are walking down the road.
The chicken says: "Hey Pig, I was thinking we
should open a restaurant!"*

*The pig replies: "Hm, maybe, what would we call
it?"*

*The chicken responds: "How about 'ham-n-
eggs'?"*

*The pig thinks for a moment and says: "No
thanks. I'd be committed, but you'd only be
involved."*



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Review

1. Explain the purpose of a 'stand-up' meeting
2. Define the term 'sprint'

