

STATUS

Assigned To

State

New

Reason

New backlog item

Stop Gambling with Quality

Build Test into Your Stories

March 27, 2014

With Eric Landes

DESCRIPTION

STORYBOARDS

TEST CASES

TASKS

(Help your team understand the story in collaborative ways, hooked into development)

As a Consumer, I want to find a product by my current location So That I can deal close to me.

1
agilethought

insightful solutions :: innovative technologies

(Help your team understand the story in collaborative ways, hooked into development)

- **Stop Gambling with your Quality! Build Tests Into your Stories!**

Agenda

- Quick Overview of Agile and Scrum
- Review Generally Accepted User Story Practices.
- Introducing Collaborative User Story AC sessions.
- Demo
- Different uses of AC in a User Story
- Demo

Introduction to scrum



Agile Manifesto

Individuals and interactions over processes and tools

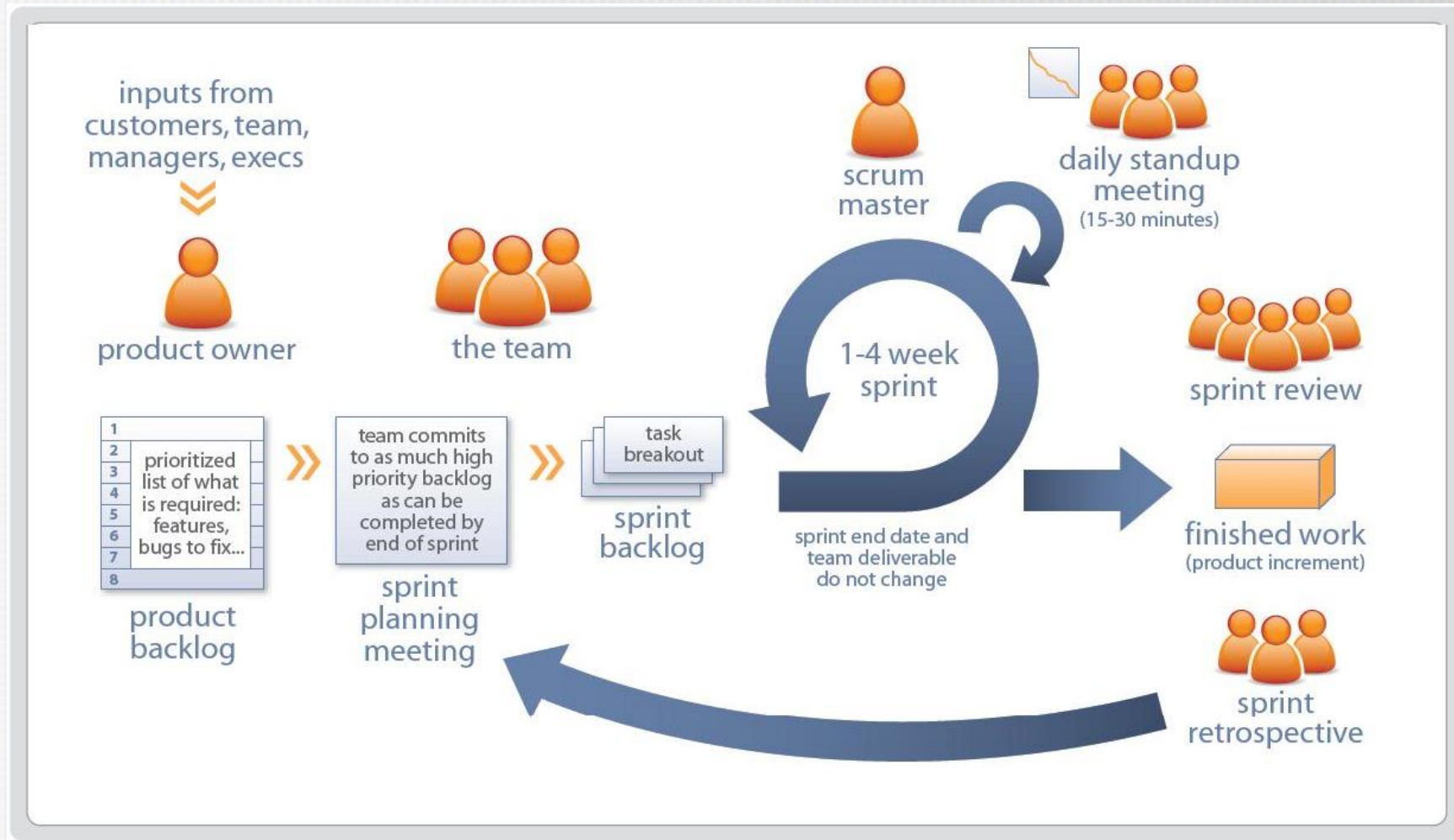
Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

While there is value in the items on the right, we value the items on the left more.

Scrum Process Overview



Demo

- Show Product Backlog

User Stories Done Right

- For many teams coming from Waterfall environment, User Stories are difficult.
- The following gives insight into successful ways to create user stories, and AC

Negotiation over Contracts

- What are user stories?
 - “A promise for a future conversation”
 - A beginning point for understanding.



Negotiation over Contracts

- What is a story not?
 - “mini” use cases
 - A complete specification
 - A contract
 - Intended to be interpreted without the product owner



Creating User Stories

User Stories are part of Product Backlog Items in Scrum

Can follow a pattern.

- Allows team to understand where to look for certain common requirements.

A Story Template

*“As a <User or role>
I want <Business Functionality>
So that <Business Justification>”*

Example:

*As a Consumer,
I want to be able to find coupons by my current location,
So that I can find the best deal closest to me.*

Structuring Your User Stories

New Product Backlog Item 1*: Find by Location Close

Copy template URL

Tags Add...

Find by Location

Iteration PracticeChamp

STATUS	DETAILS
Assigned To	Effort 3
State New	SOW Estimate
Reason New backlog item	Business Value
	Area PracticeChamp\Agile
	Backlog Priority

DESCRIPTION STORYBOARDS TEST CASES TASKS

As a Consumer, I want to find coupons by my current location So That I can find the best deal closest to me.

ACCEPTANCE CRITERIA HISTORY LINKS ATTACHMENTS

Save Save and close Cancel

Writing Stories

Exercise on writing stories.

- Need two volunteers
- You have 3 minutes to create the graphic from the user story
- I will then review each graphic.
- You must come up to the podium to ask questions and get them answered.
- Draw the following from this user story

Writing Stories

User Story

As the eric state university president I want a graphic of our mascot Sparky that has at least one pitchfork, so that I can put the graphic on my marketing materials.

Writing Stories

What I wanted



Acceptance Criteria

- Product Owner expectations on what will be delivered
- Can include:
 - Look and feel
 - Business rules / validation
 - Non-functional expectations
- “Given _____
When _____
Then _____”

Acceptance Criteria

- BDD structure allows developers to automate.
- Creating multiple scenarios encourages questions from the team.
- Turning the scenarios into automated tests makes these living requirements.

Demo

- As a Bowler I want to count a strike in the correct scoring so that I might bowl 300
- Given Bowling in Frames 1 - 8
- When the bowler knocks all 10 pins down on the first roll of the frame
- Then the score of the frame = $10 +$ pins knocked down in next two rolls.

Demo

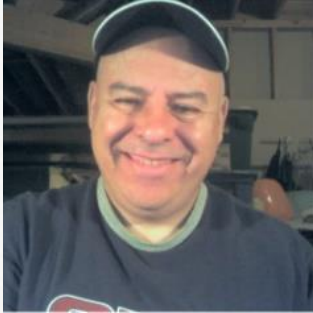
- As a Bowler I want to count a strike in the correct scoring so that I might bowl 300
- Given Bowling in Frames 1 - 8
- When the bowler knocks all 10 pins down on the first roll of frame 1
- And then knocks 2 pins down on roll 1 of Frame 2
- Then the score of the frame = $10 +$ pins knocked down in next two rolls.

Demo

- As a Scorer I want to calculate each roll into my score so I can have a total
- Add each score for a frame – frame = 2 rolls, total of 10 frames. 10 pins.
- Given I bowl 2 frames
- When I knock down two pins in each roll
- Then my score is 8

Acceptance Criteria

- Another way to go over expectations:
- Sample Scenarios
 - Use standard text
 - Put these in a format that testers could possibly automate
- Think about Testers and BA's pairing or even being the same role!



About Eric Landes

- Eric Landes is a Technical Architect for AgileThought, bringing agile goodness to enterprises.
- Has been developing software for close over 20 years, using Agile methods for the past 8 years
- Eric has presented and is willing to present Kanban, automated acceptance tests, and other agile topics conferences and user Groups.
- Eric has a CSM and is a Microsoft MVP.



About AgileThought

For many teams coming from Waterfall environment, User Stories are difficult.