

Agile / Scrum

Agenda

- What is Agile development?
- Why do we use it?
- Scrum



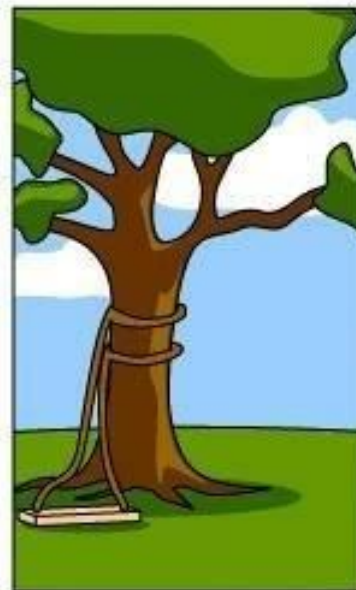
How the customer explained it



How the Project Leader understood it



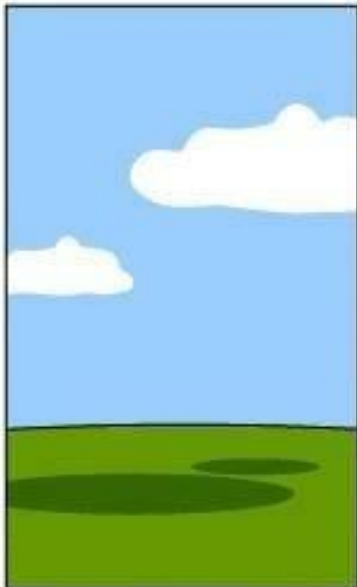
How the Analyst designed it



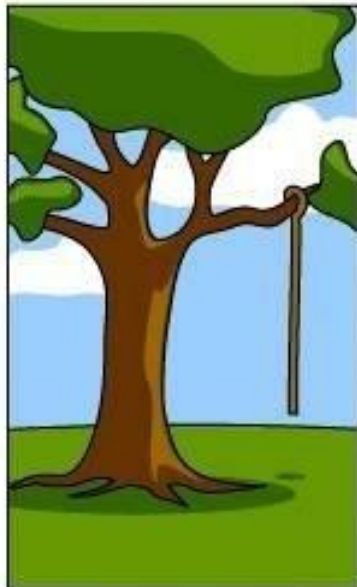
How the Programmer wrote it



How the Business Consultant described it



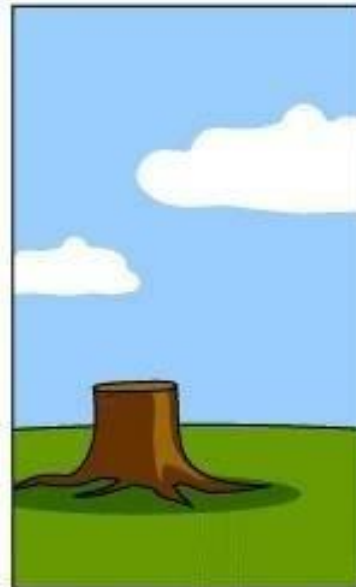
How the project was documented



What operations installed



How the customer was billed

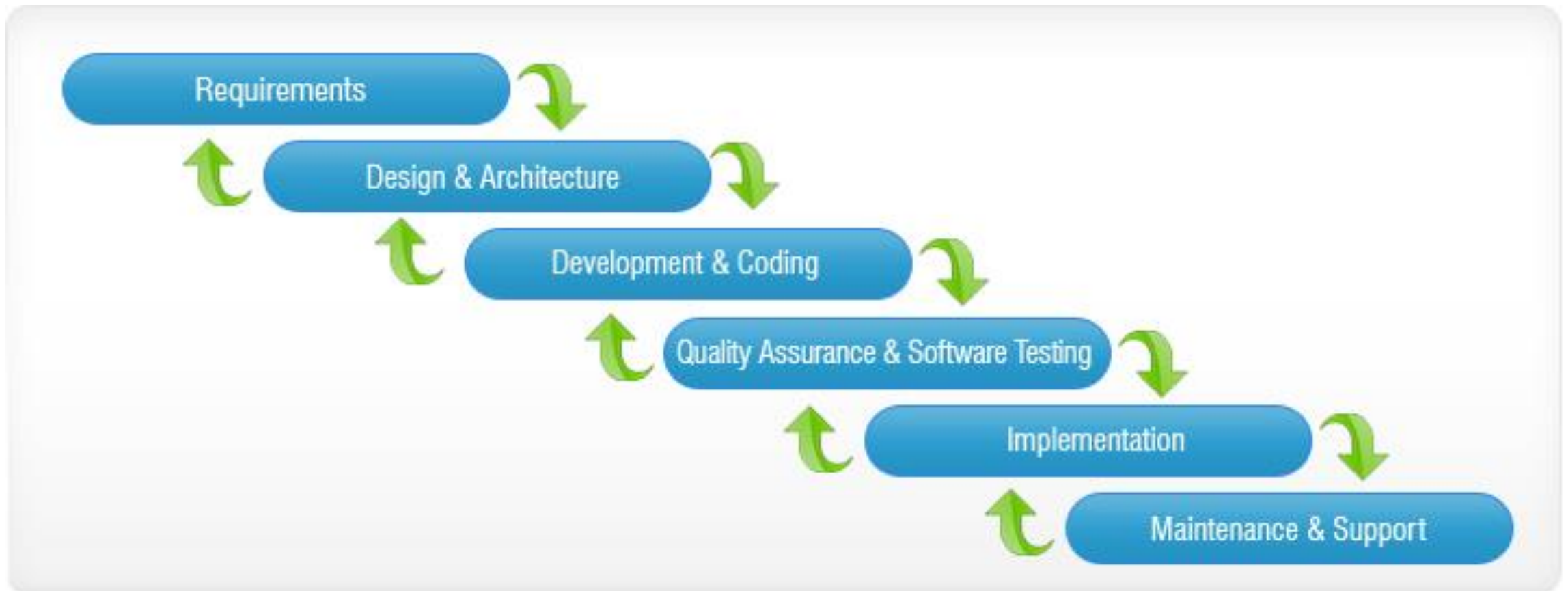


How it was supported

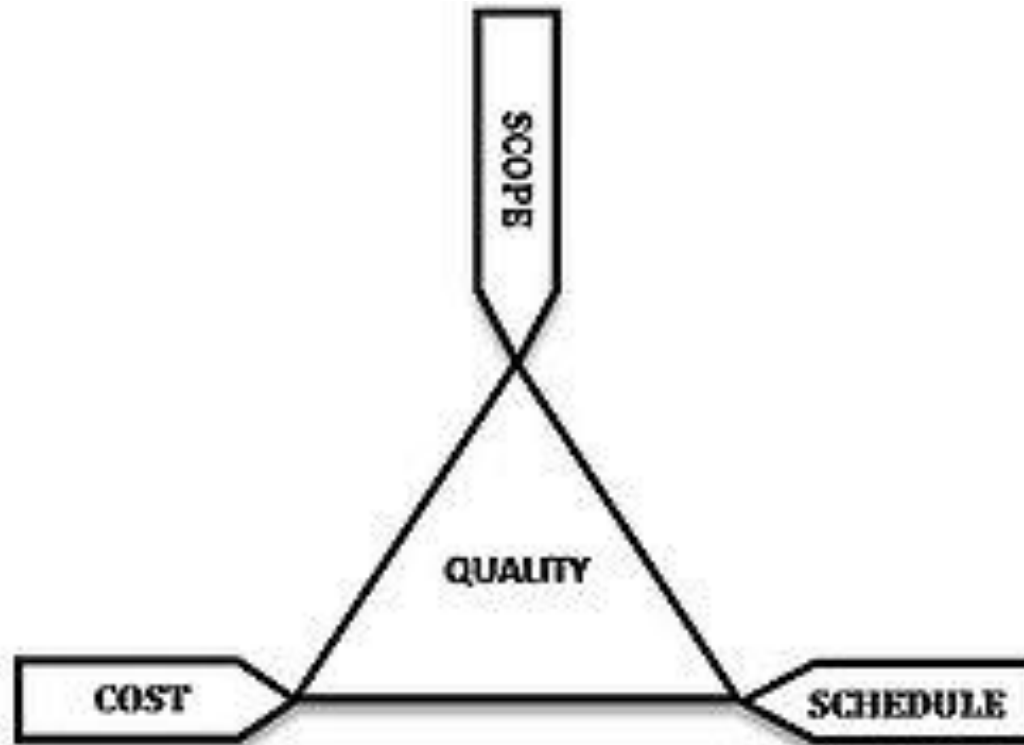


What the customer really needed

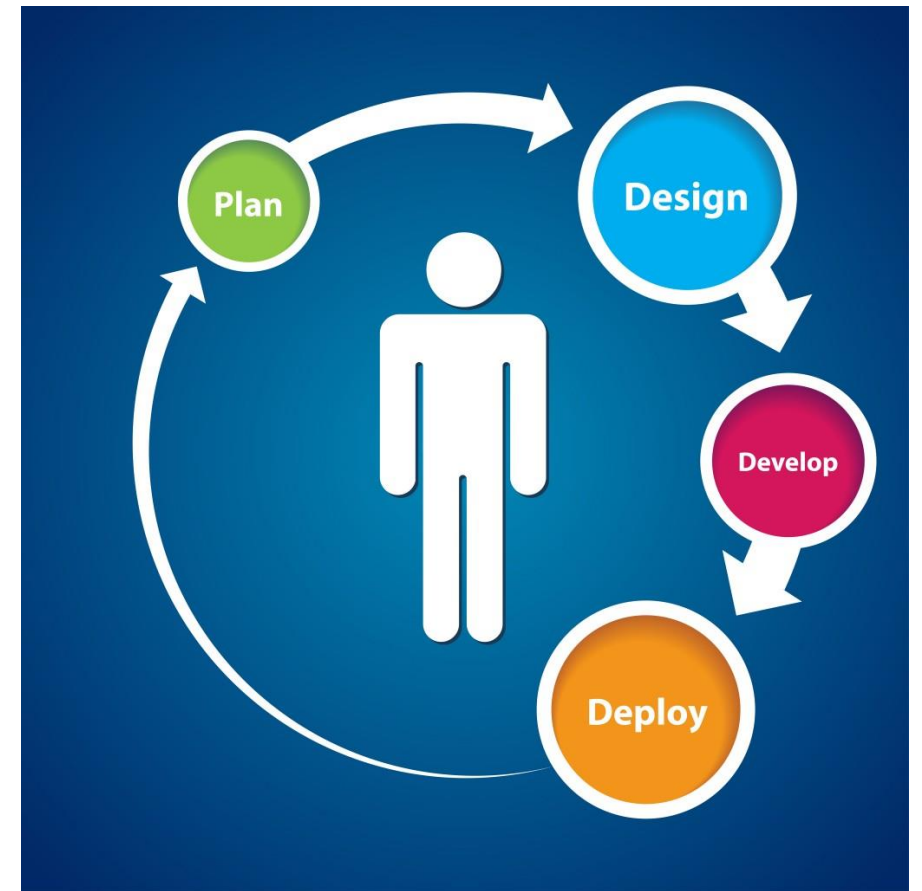
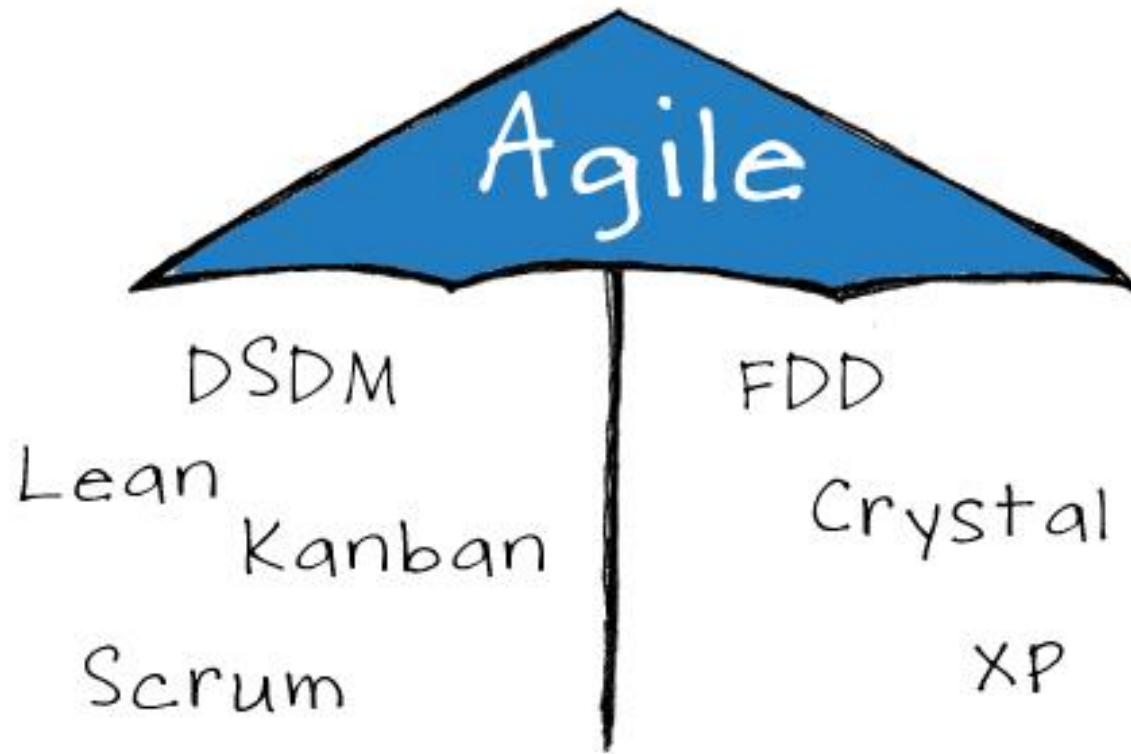
Waterfall



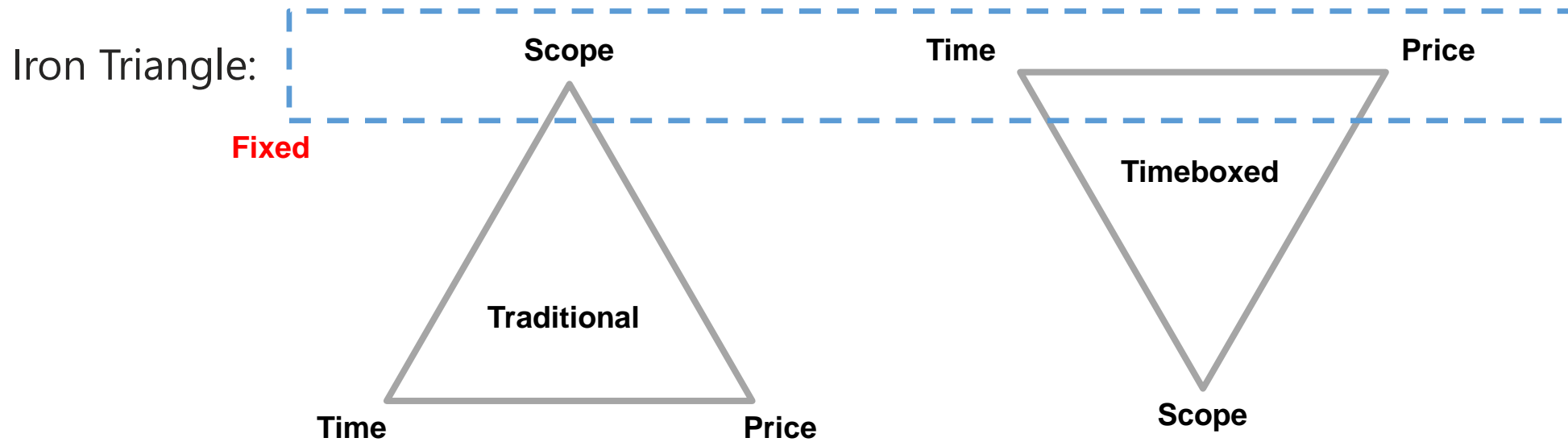
Project Management Triangle



Agile

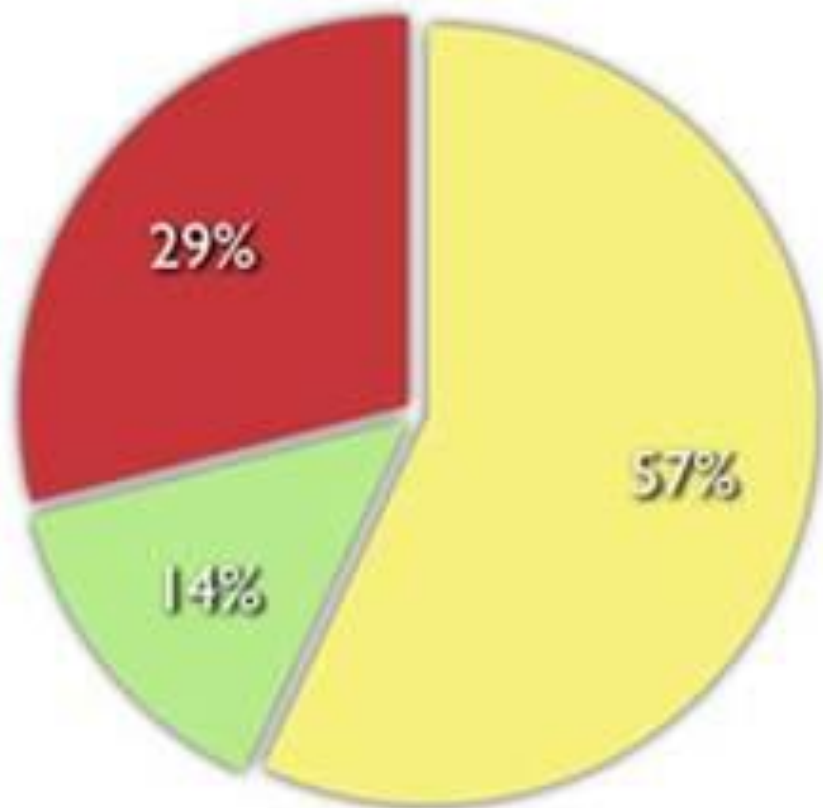


What do you contract?

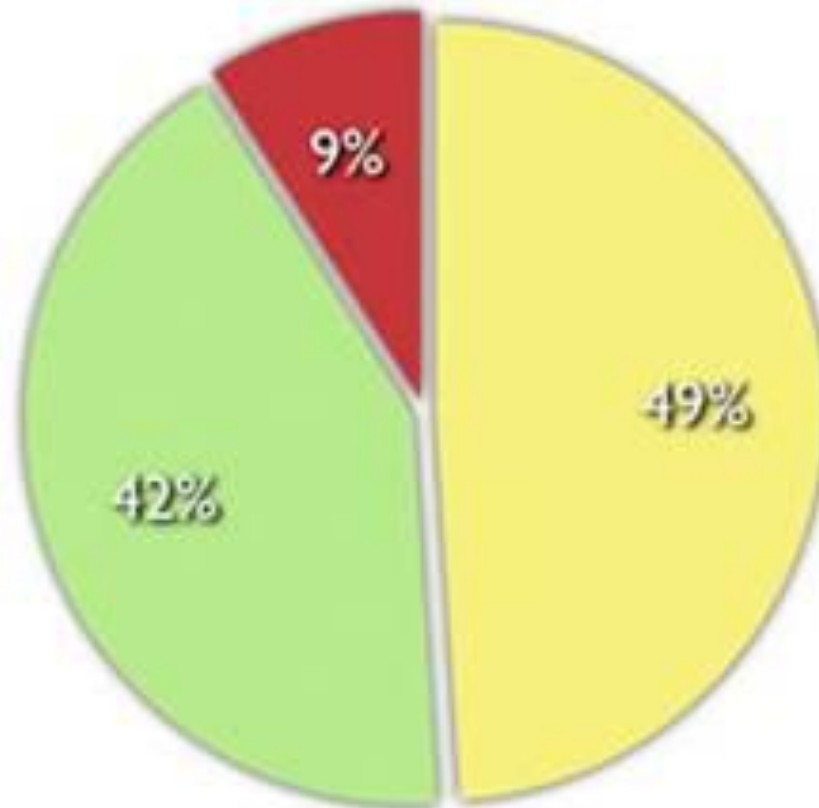


If you make non-flexible agreement, you purchase non-flexible method of delivery!

Waterfall



Agile



Source: The CHAOS Manifesto, The Standish Group, 2012.

Agile companies

Google

YSOFT

solarwinds 

amazon.com

oriflame

NOKIA

 Kentico

 Microsoft

 redhat.

Agile Manifesto

Individuals and interactions over processes and tools

Working software over comprehensive documentation

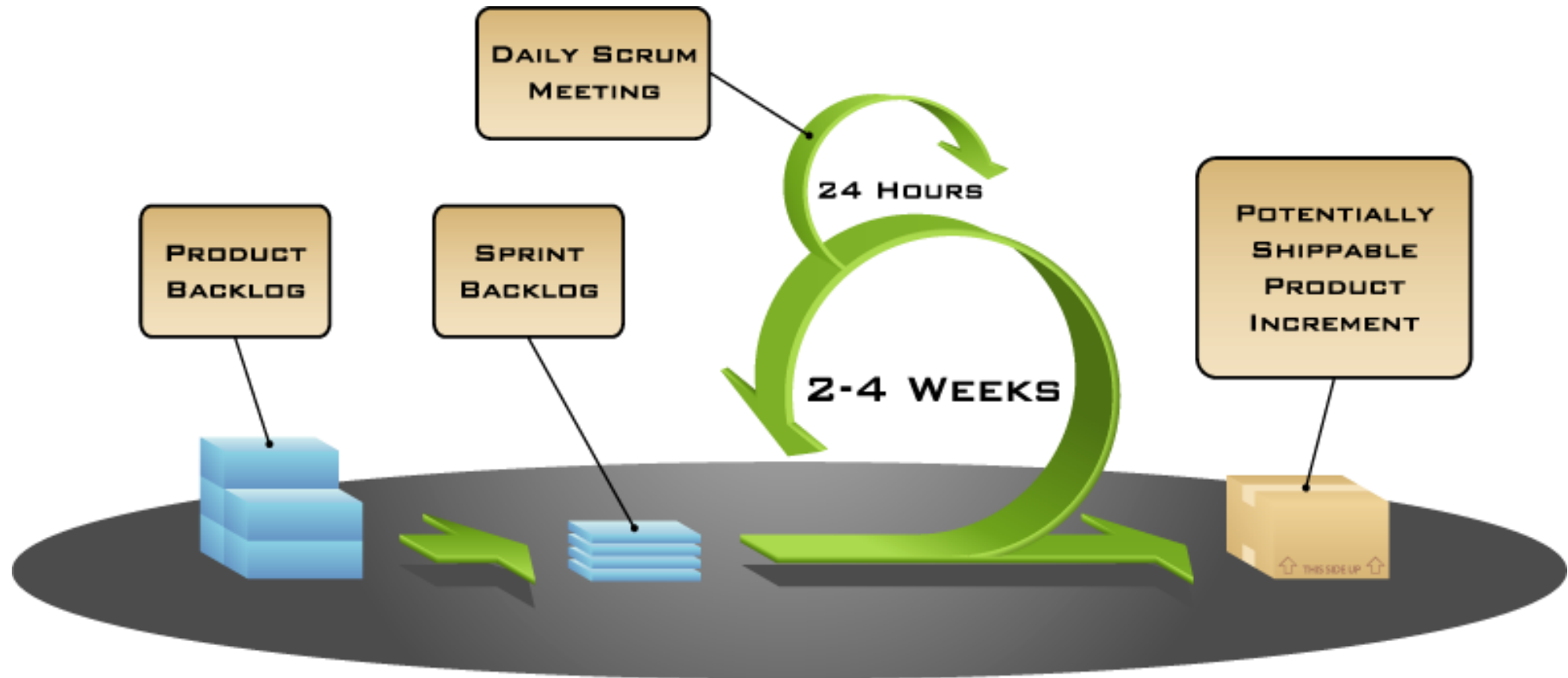
Customer collaboration over contract negotiation

Responding to change over following a plan

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

<http://www.agilemanifesto.org/>

Scrum Framework



Scrum principles

Time-boxing

Self-organized teams

Substitutability

Releasable increment



Roles, Events & Artifacts

Role

- Scrum Master
- Product Owner
- Scrum Team

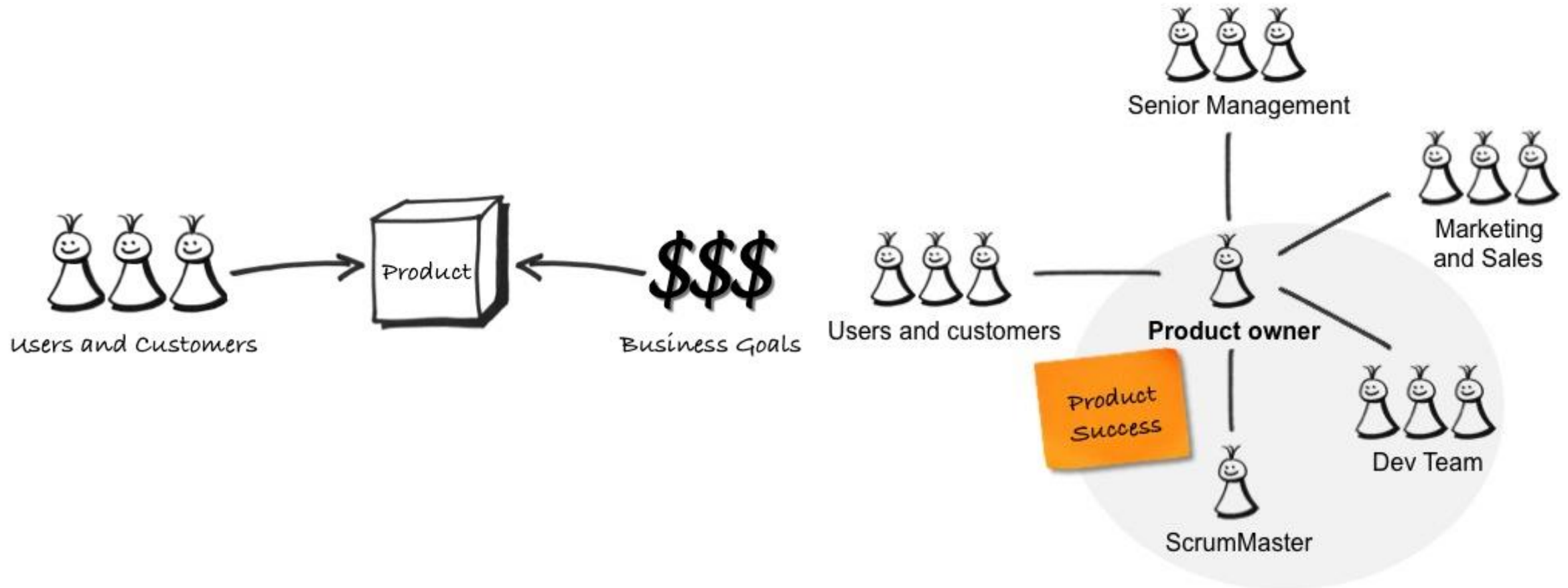
Artifacts

- Product Backlog
- Sprint Backlog

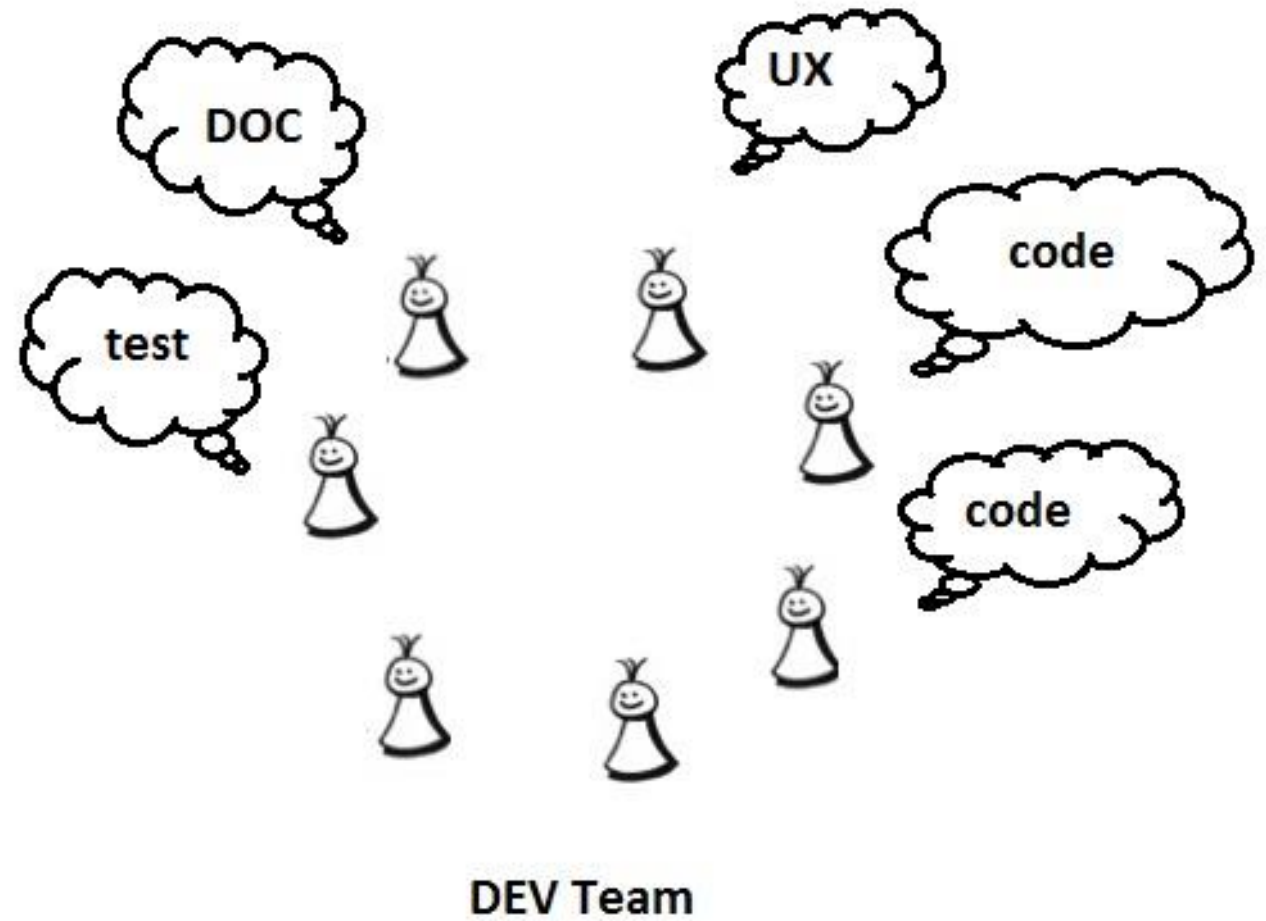
Events

- Planning
- Daily Scrum
- Review
- Retrospective

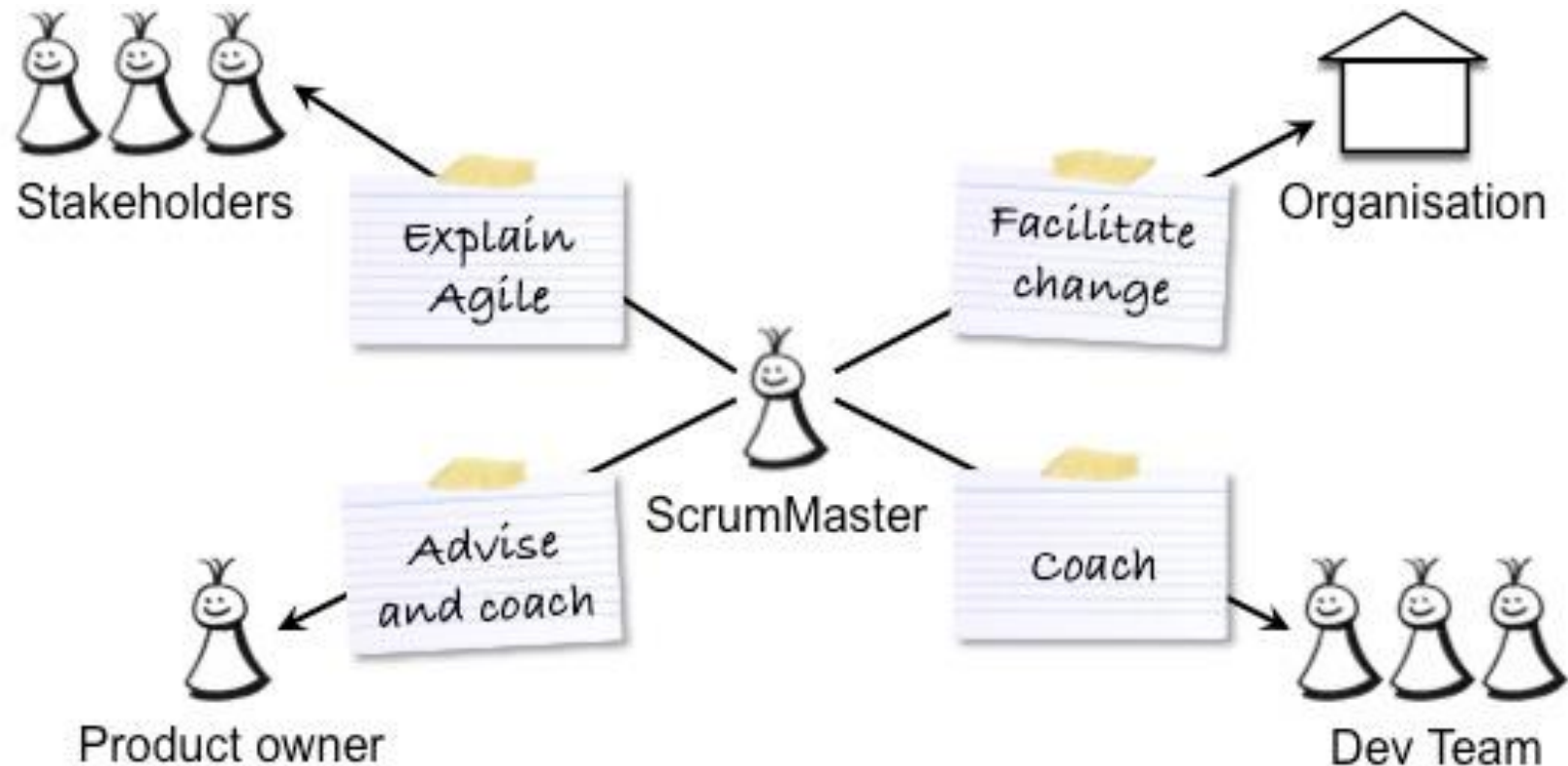
Role – Product owner



Role – DEV team

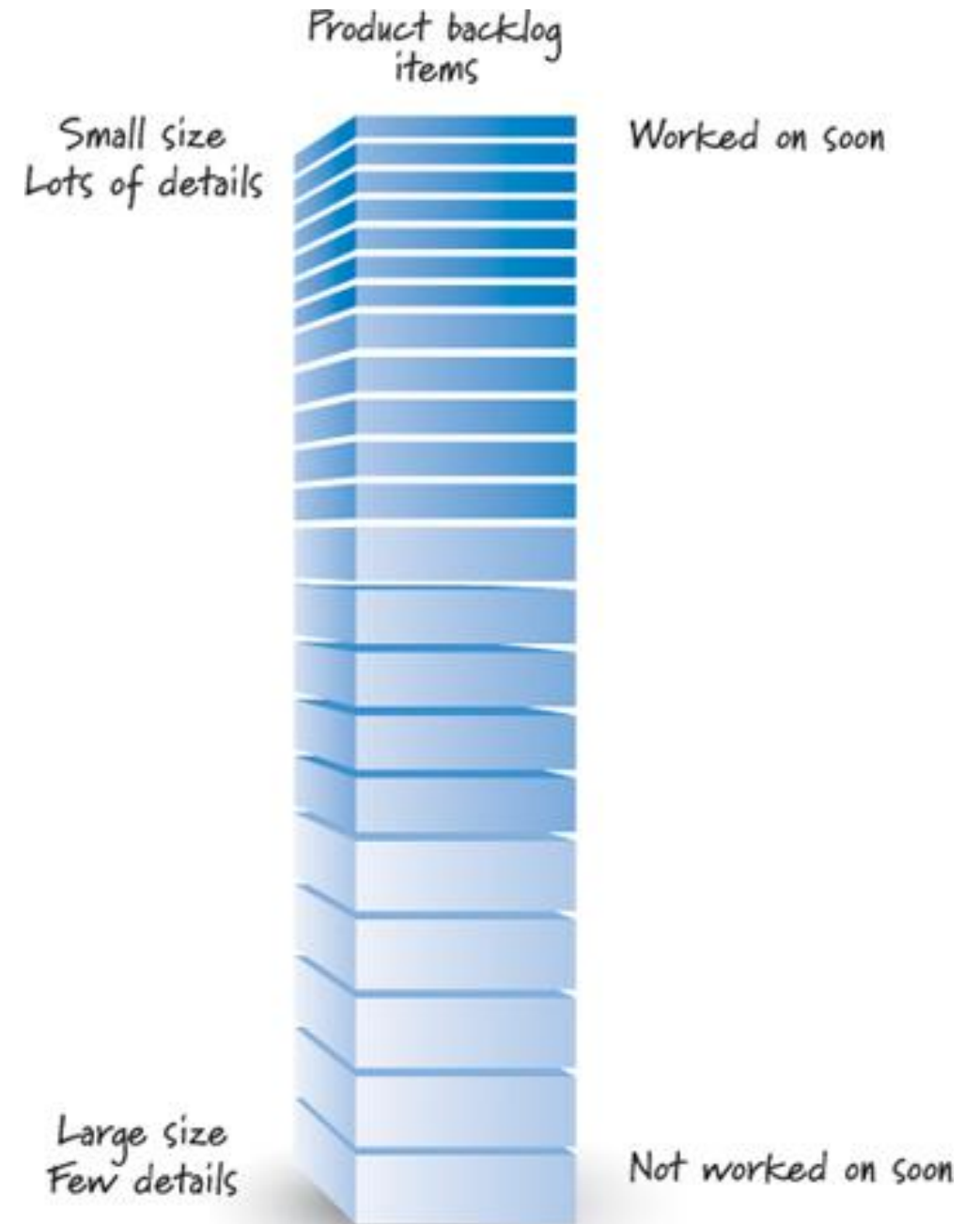


Role - ScrumMaster



Backlog

- **DEEP**
 - **D**etailed Appropriately
 - **E**stimated
 - **E**mergent
 - **P**rioritized
- Product Backlog -> Sprint Backlog



User story

- As a user I want to send email to more people at once
- As a network administrator I want to see statuses of all my network devices, so that I can react to outages immediately

AS A <*type of user*>,
I WANT <*some goal*>
SO THAT <*some reason*>

MVC Dancing Goat building guide



MVC Macro resolving



MVC Scaffolding



MVC Product catalog



Related pages



MVC Media libraries



Continuous Integration



Reduce Web Parts



Refactoring Doc API



MVC API



MVC Core Functionality



17/Sep/15 10:36 AM • 22/Sep/15 10:36 AM

Linked pages



		GM-3400 Remove CMSApp_MVC from SLN	9.0 CM2	MVC API	2
		GM-3747 MVC settings	9.0 CM2	Editing Usability	
		GM-3585 Create and publish NuGet packages	9.0 CM2	MVC API	0
		GM-3588 Provide MVC integration as features	9.0 CM2	MVC API	0
		CM-3586 Specify the development and publishing process after the release	9.0 CM2	Best Practices	1
		GM-2840 MVC site structure best practices	9.0 CM2	Best Practices	
		GM-3745 External site property	9.0 CM2	Editing Usability	
		CM-3746 MVC blank site package	9.0 CM2	Editing Usability	1
		GM-3752 Hide MVC irrelevant settings	9.0 CM2	Editing Usability	1
		GM-3750 Single objects on Dashboard	9.0 CM2	Editing Usability	
		CM-4652 Provide Kentico SQL debug information in Glimpse			

CM1 backlog 23 issues

Start Sprint



Linked pages

[Edit](#) [Comment](#) [Assign](#) [Open \(2\)](#) [Closed](#) [Workflow](#) [Admin](#)

Details

Type:	 Story	Status:	CLOSED (View workflow)
Priority:	 Critical	Resolution:	Done
Labels:	None		
Epic Link:	Accelerate		
Story Points:	2		
Sprint:	Sprint 5		

Description

Why:

- We would like to support highly effective cross-team cooperation (between Cloud teams and Cloud-EMS teams also) and introduce standardize way of working.

For whom:

- Development teams (EMS and Cloud teams)

What:

- Implement all changes to fulfill target state

Acceptance criteria:

- Everybody from Development is able to work on Draft/Engage/Deliver/Compose issues effectively (with same way of working without delay at the beginning).
- States, workflows, issue types and boards are unified and accepted by Cloud teams

Standardization guidelines

- <https://kentico.atlassian.net/wiki/display/SCRUM/JIRA+Kentico+Cloud+best+practices>



Planning Poker

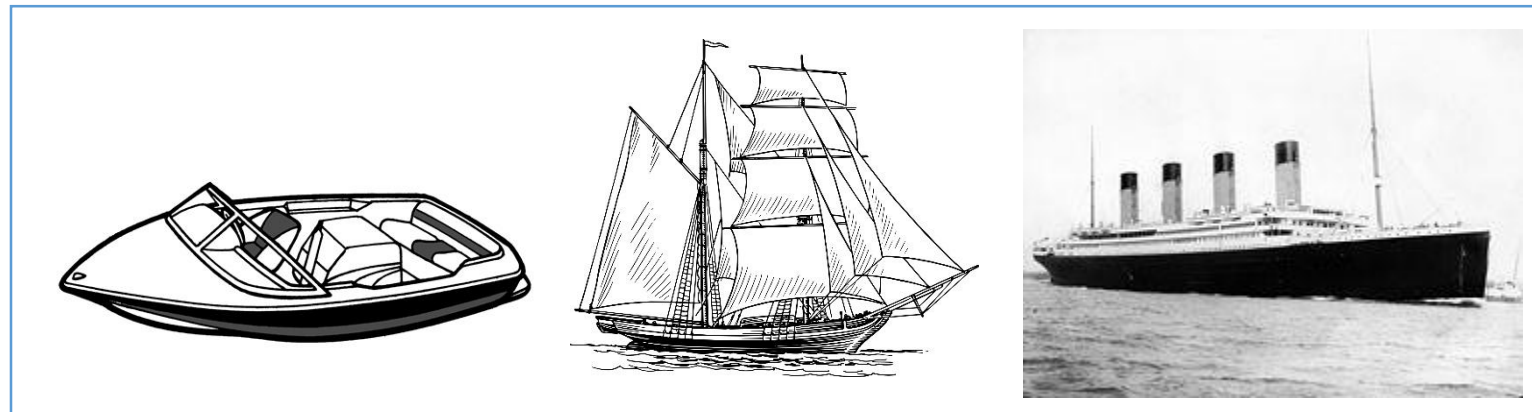
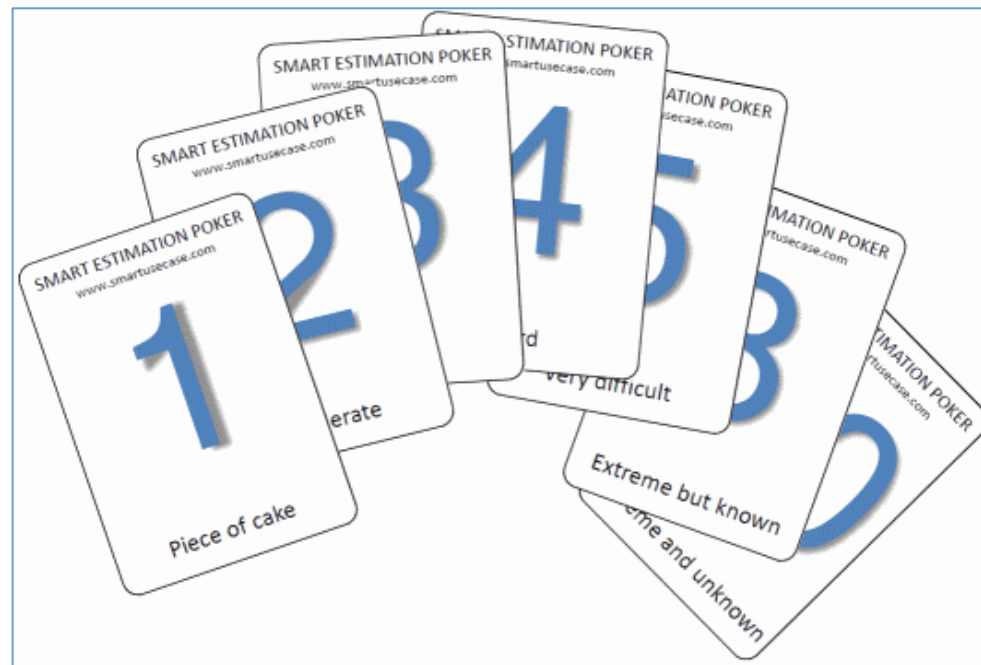


Rules

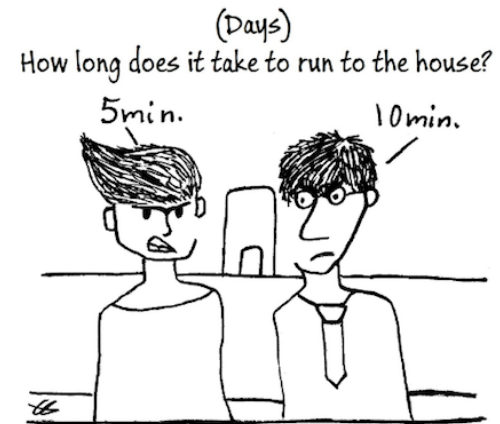
- Choose the **reference stories** and agree on their size
- Take stories one by one and agree on their size
 - **Exact match** – write down the estimate
 - **Two adjacent numbers** – write down larger
- Otherwise we discuss in the team and vote again
- **After 3rd unsuccessful voting, larger number wins**
- Estimates are compared to the reference stories
- https://www.youtube.com/watch?v=0FbnCWWg_NY



Scale



Why?



Start



First round



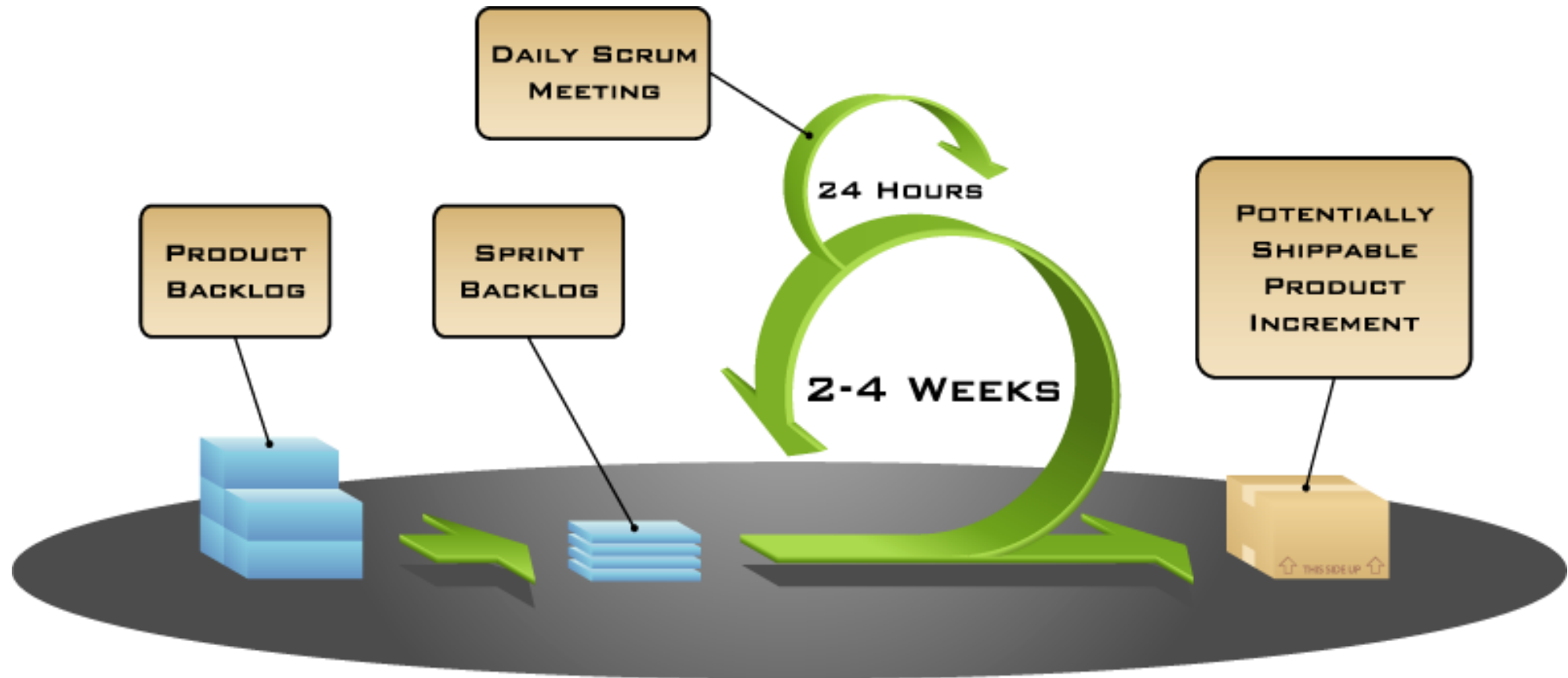
Second round



Third round



Sprint



Planning & Review

Planning

- Agreement between the team and PO about Sprint's contents
- Commitment vs. Forecast

Review/Demo

- Presentation of the Sprint results to the stakeholders/customers
- Always from user's point of view

Daily Scrum

- 15-minute stand-up meeting
- Same place & time
- 3 basic questions
- Sync for the team
- Plan for next 24 hours
- Sync about what has been finished
- Forecast of what to do next



Kanban board



QUICK FILTERS: [Hide closed issues](#) [Only My Issues](#) [Recently Updated](#)

172 To Do

3 In Progress

2 Waiting

3 Ready for Review

0 Ready for UX review

0 Testing

0 Deploy

> Ad-hoc issues 1 issue

▼ Sprint 5 issues

WP-924
Localizable Form & Finish page
Campaigns
2

WP-923
Track all users by Kentico Web Analytics
New kentico.com
0.5

WP-778
MEGA selector - min version
UI Framework
8

WP-792
Customers overview redesign
New kentico.com
8

WP-836
Web Site Reference General Description
New kentico.com
5

> Security bug 1 issue

▼ Bugs 4 issues

WEB-424
Odd behavior of Partner Portal
W
None

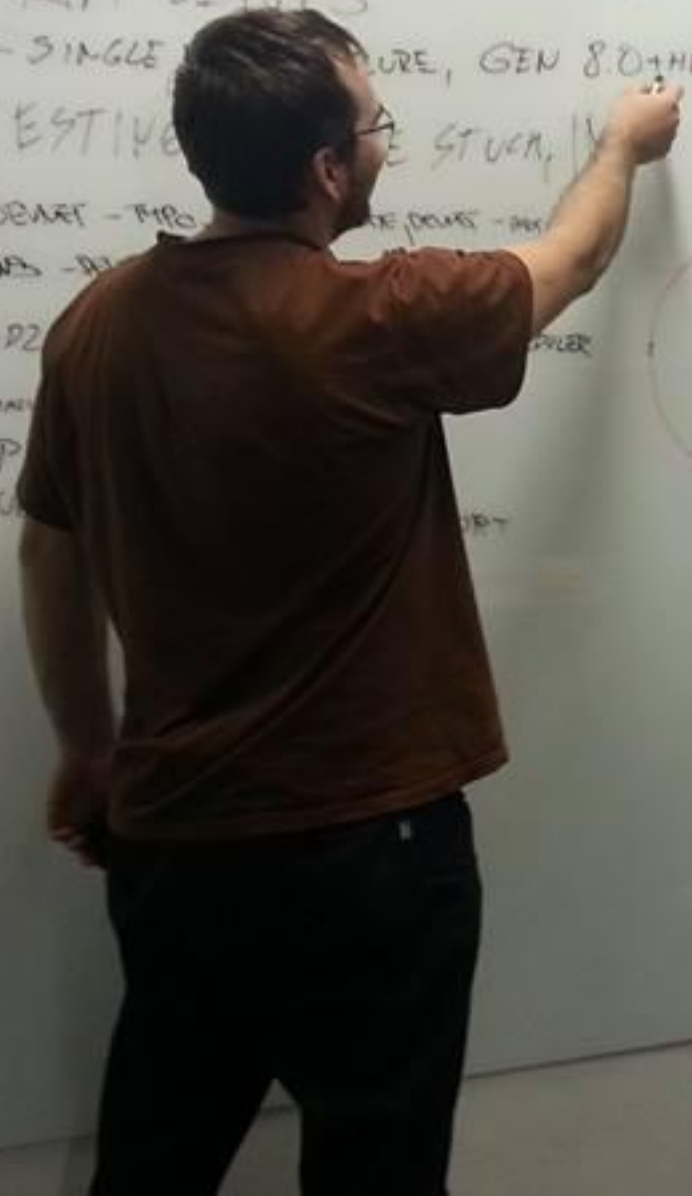
WEB-433
Devnet - Problem s tagmi v nazve bugu
W
None

WEB-428
Logic captcha isn't working properly on devnet
W
None

...sek - D-HOIA LTB-DEL-COPY, ID,
...ka - B-DB STUCR, UAMSL DEPLOYMENT 8)
...-JEP. KIM DEP. TS
... - D-SINGLE ...URE, GEN 8.0+HF
...OMAS. TESTING ...E STUCR,
...rinc - DEARF - MRO ...E DEARS - ...
...WS - ...
...Filip - WS-P2 ...
...SNAKE - ...
...Aron - FILIP
...SANDRO - 4ZU ...



... TRADING ...
... PLAYERS > ...
... Copy Game Software
... LASER GATE
... 8.0 ...
... 9.1 ...



Daily - 3 basic questions

1. What did I do yesterday?
2. What will I do today?
3. Are there any blockers that prevent me from finishing my tasks?

Most common mistakes

- Team members not listening others
- Boycotting
- Meeting longer than 15 minutes
- Team reporting to SM/PO
- Team dependent on SM being present
- Team discusses only individual plan, not team plan
- People not knowing what to work on
- Team members discussing irrelevant stuff
- Management participating and tracking progress
- Answers not specific (“I’m working, I’ll continue working.”)

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Daily – example

1. Yesterday I came to work at 8:00, then I had a coffee, then I helped Ondra solved that problem and then went home. Today I will continue solving that problem.
2. I fixed that bug with Contact tracking and today I will test the user story about Campaigns. Also I forgot to mention that I'm on vacation tomorrow
3. I fixed some bugs yesterday, today I will continue, no issues.
4. I finished the email engine story, I would like to ask you for a code review. I'll be studying in the afternoon and will also do some performance testing. If there's enough time I will fix some priority bugs

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Retrospective



Questions



Contacts

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Scrum Masters Brno: <https://www.linkedin.com/grp/home?gid=8158151>

A low-angle, close-up shot of a person's legs and feet as they skateboard on a paved surface. The person is wearing a blue and white striped t-shirt, dark blue jeans, and bright blue sneakers with white soles. The skateboard is black with white wheels and a wooden deck. The background shows a city skyline with several tall buildings under a clear blue sky with some light clouds. The lighting suggests it's daytime, with shadows cast on the ground.

Thank you