The Power of Scrum

- Changing the world of business as we know it -

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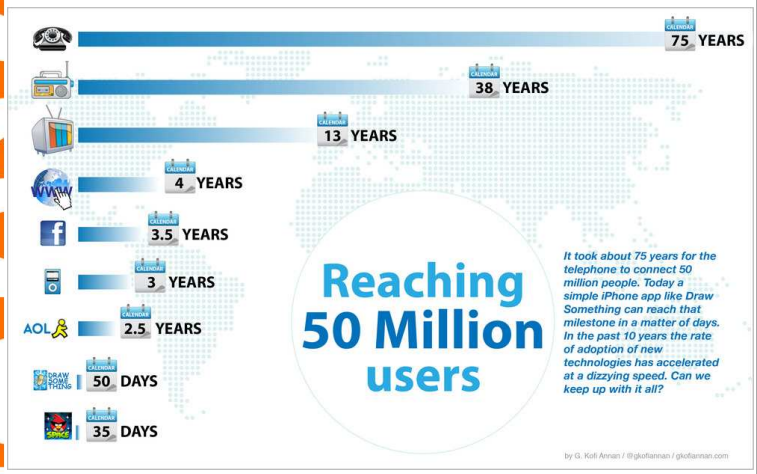
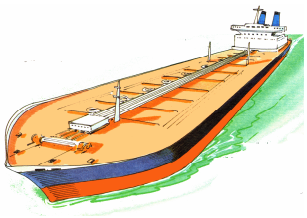
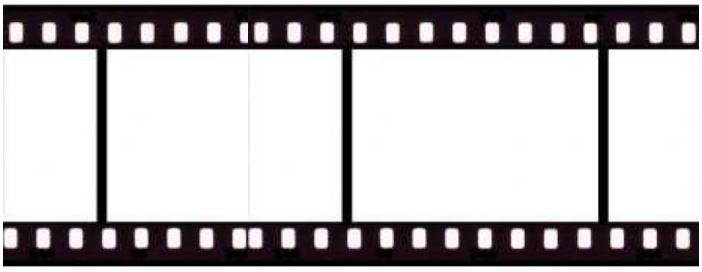
The speed of change is accelerating



Companies need to adapt…

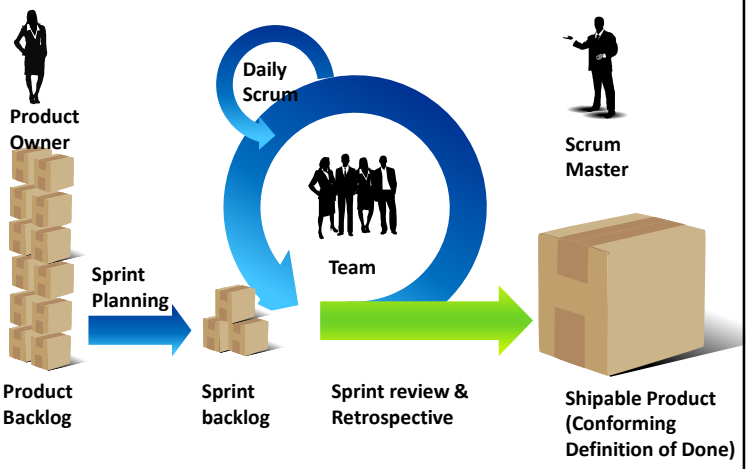


Scrum Basics



http://www.youtube.com/watch?v=vmGMpME_phg&feature=player_detailpage#t=9s

Agile/Scrum?



Scrum is simple

Roles	Artifacts	Meetings
Product Owner	Product Increment	Sprint planning
Team	Product backlog	Daily Scrum
Scrum Master	Sprint backlog	Sprint Review
(Agile Coach)	Definition-of-Done	Retrospective

One major Scrum challenge

The Art of the Possible

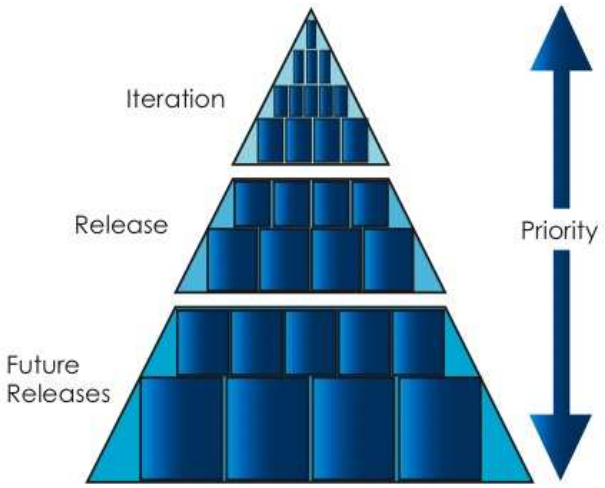
Product Owner!! Help!!

The Product Backlog

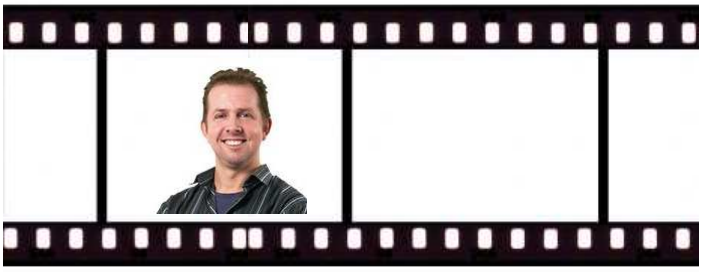
- List of work
- Prioritized on Value, Risk & Dependencies
- Transparent
- Explains Business Value
- Has estimates
- Never complete

User Story	#
As a user I want to log in in order to	1
As a user I want to	2
As Administrator I	3
For Testing purpose	5
As a user I want to	8
As a user I want to	5
As a user I want to	3
As a user I want to	13
As a user I want to	8
As a user I want to	20
As a user I want to	40
As a user I want to	8
As a user I want to	40
As a user I want to	100
As a user I want to	100

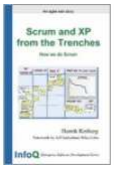
The Product Backlog



Product Ownership in nutshell



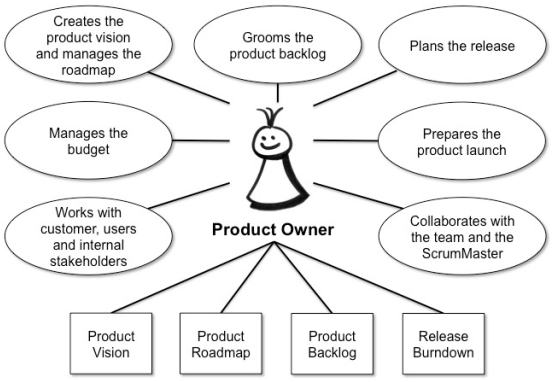
Henrik Kniberg on YouTube



http://www.youtube.com/watch?v=502ILHjX9EE

The Product Owner

The product owner is responsible for the success of the product.



Constraints: One (overall) product owner per product; must be respected.

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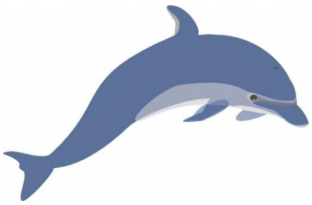
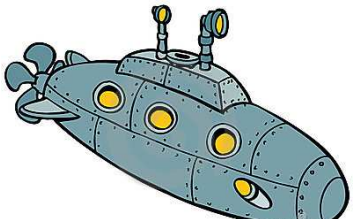
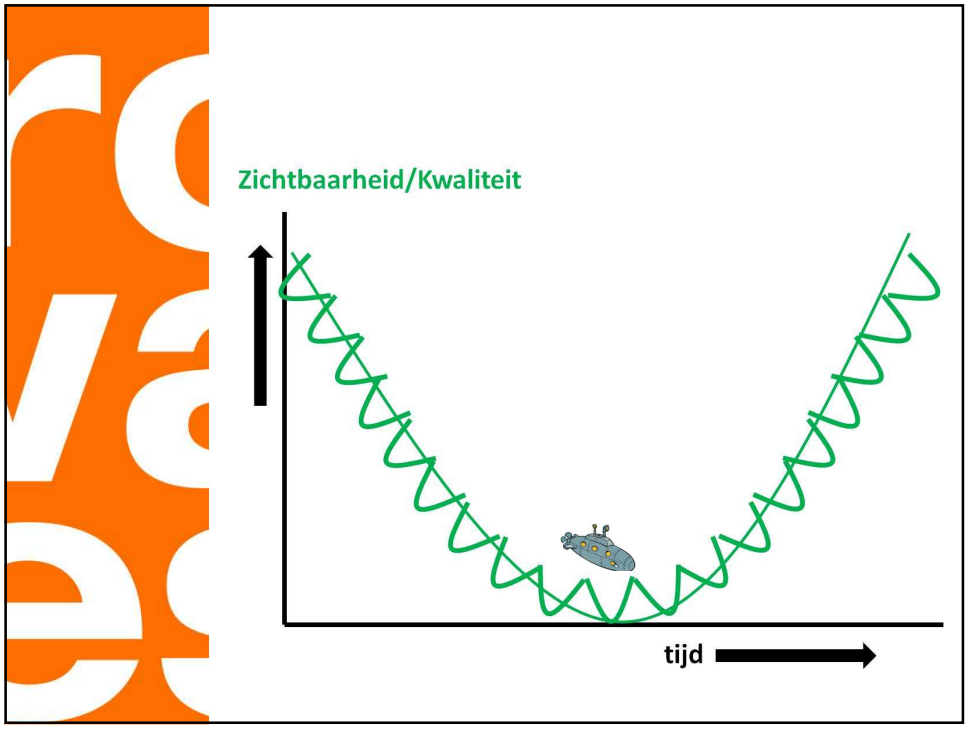
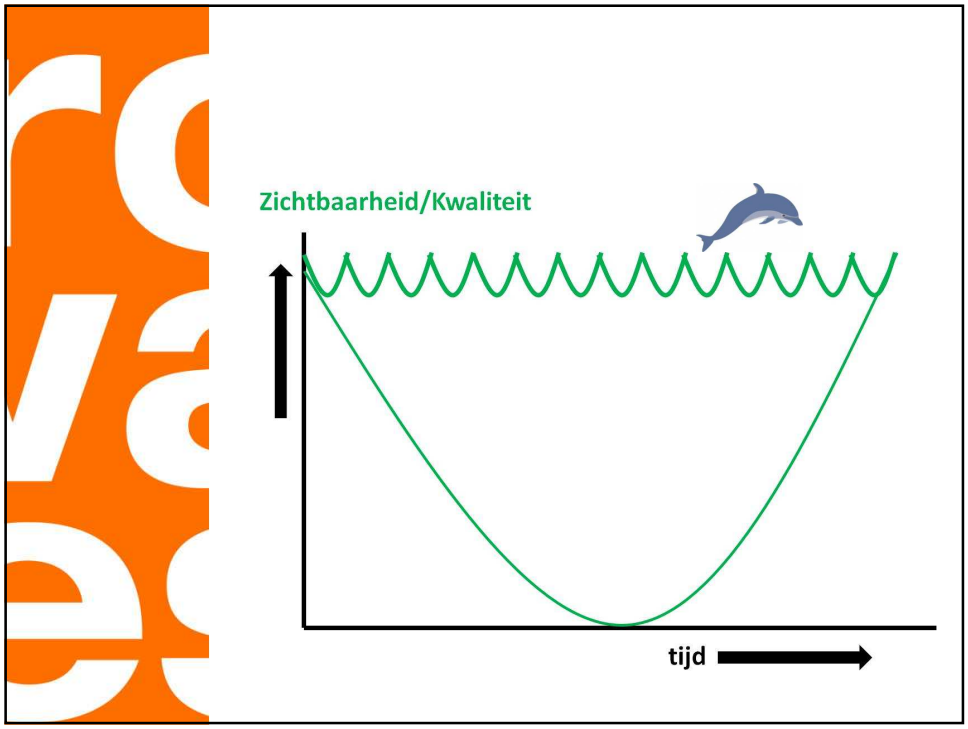
What is the main difference?






Zichtbaarheid/Kwaliteit
tijd


Zichtbaarheid/Kwaliteit
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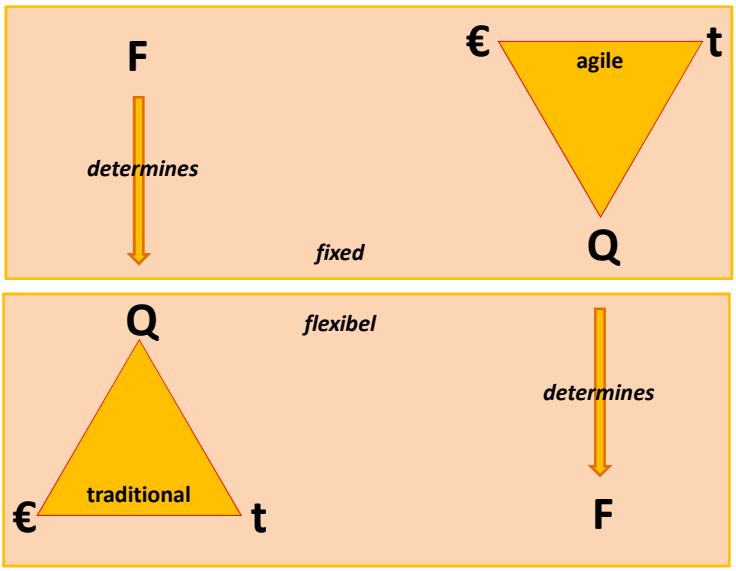
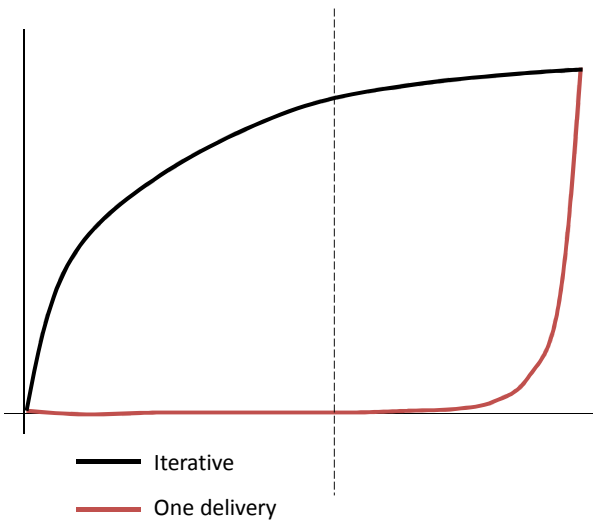
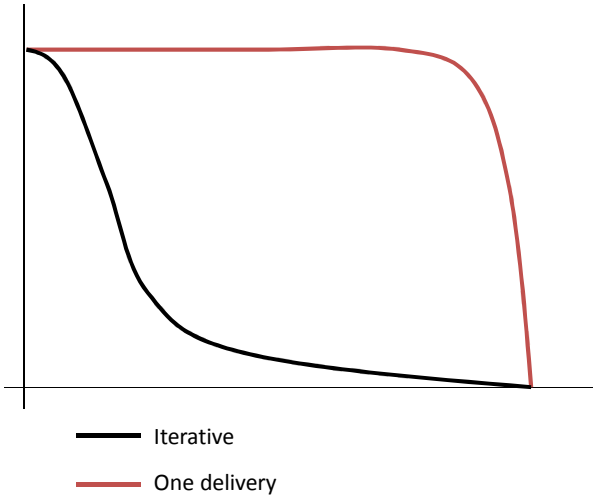
Scrum is really different



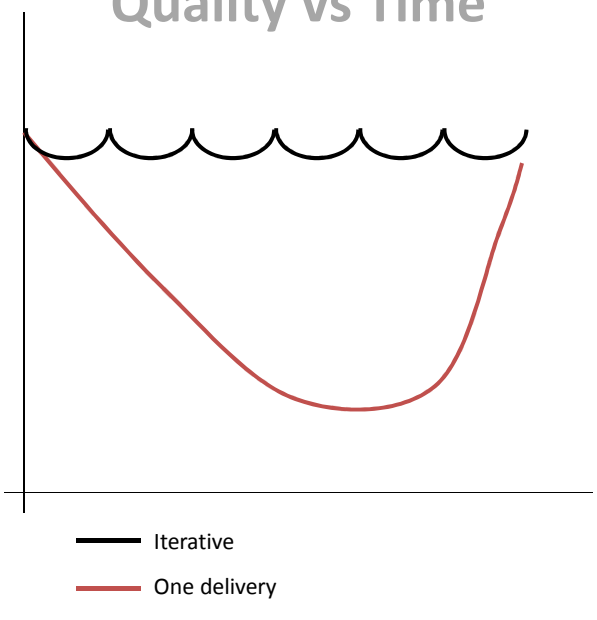
Value vs Time



Risk vs Time



Quality vs Time



Jeff explains Plan for Failure

http://www.youtube.com/watch?v=HV76WzqpSI0&feature=player_detailpage#t=5s

What is Agile?

What is Agility?

-noun

1. Flexibility, the capacity and capability of rapidly and efficiently adapting to change
2. Ability to take advantage of opportunities while controlling risk

"The courage to be honest enough to admit that building software is complex and can not be perfectly planned since requirements change"
– Ken Schwaber

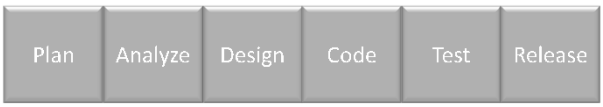
Agile/Scrum?

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

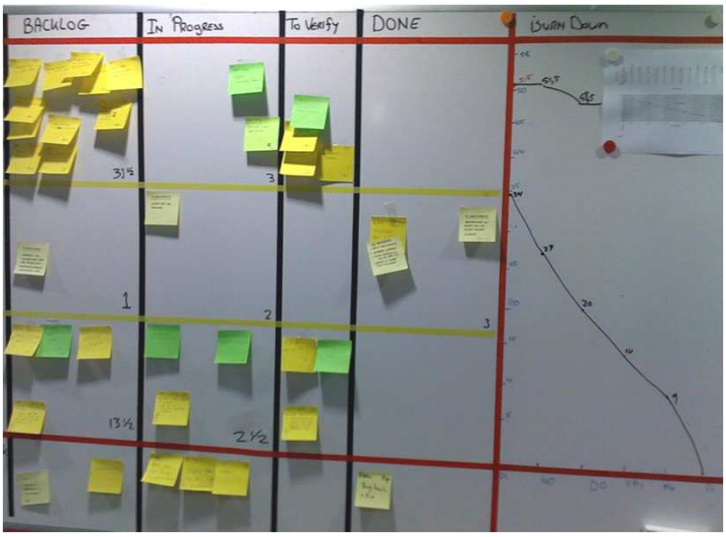
individuals and interactions	over	processes and tools
working software	over	comprehensive documentation
customer collaboration	over	contract negotiation
responding to change	over	following a plan

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

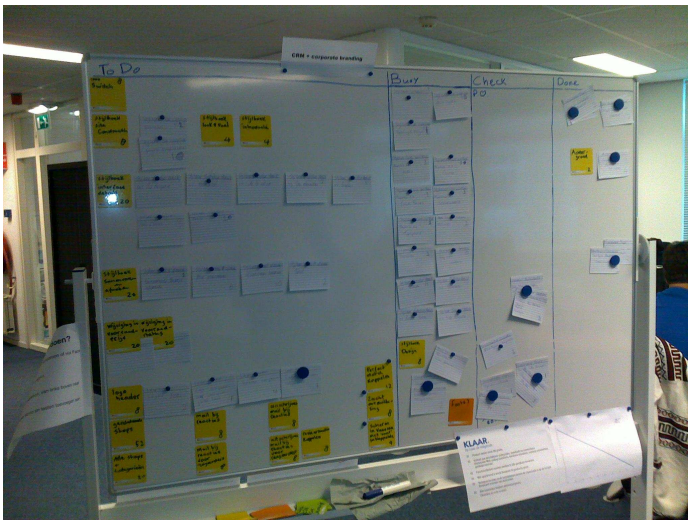
Agility and Iterations



Information Radiators

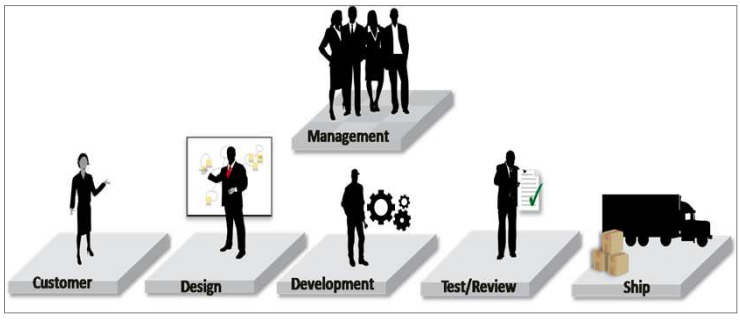


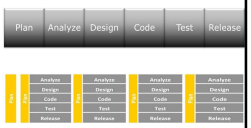
Dev Team Scrumboard



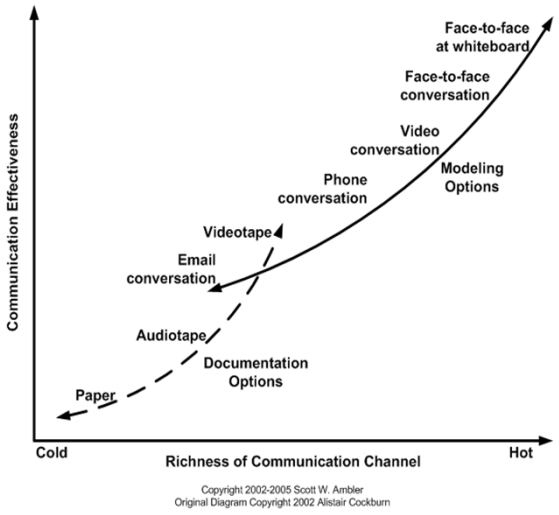
Scrum board Marketing

Teamwork





Common Understanding



What is Vision Document?

1. It depends
2. A tool for creating a SHARED vision
3. Problem and context determine best fitting format
4. Options:
    1. UML model (use case, activity diagram, sequence diagram, etc.
    2. RUP/UP template
    3. Product Box
    4. Business Model Canvas
    5. Painting
    6. …

What is a User Story

1. **Invitation to a Conversation**
2. High level description
3. Details in test or demo script
4. Estimate
5. Business value

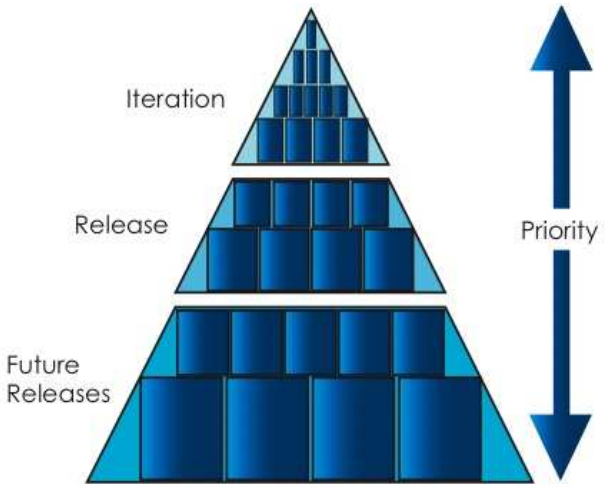
As a product owner 13
I need an overview of all requested features for the product
So I can easily decide what feature to start working on

-Overview is sorted on priority
-Items do have a business value
-Items do have an estimate
-Items can have a demo script

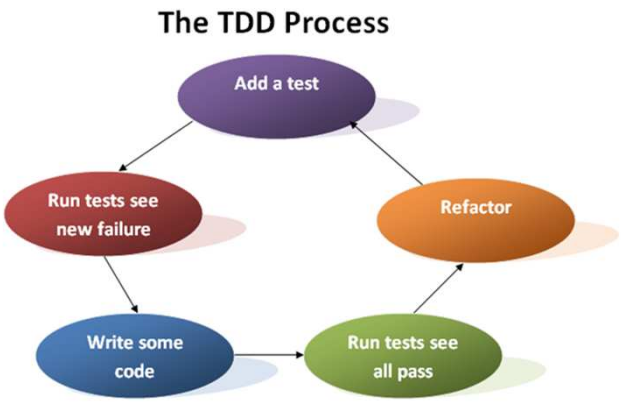
What is an Epic?

1. **Invitation to a Conversation**
2. Even more High level description
3. Details in story/problem-solution
4. Estimate
5. Business value
6. User story format? Maybe yes, maybe no

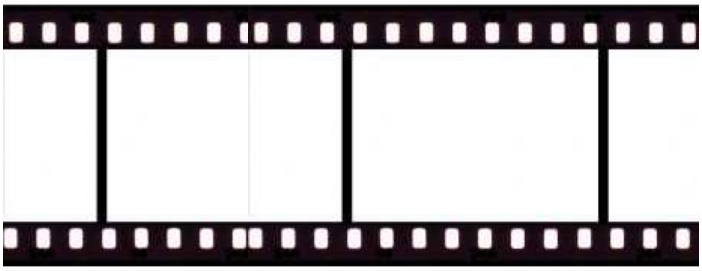
The Product Backlog



What is TDD?



Why You Need TDD?



http://www.youtube.com/watch?v=dWayn0QsJr8&feature=player_detailpage#t=33s

Scrum is really different

Scrum is really different

One major Scrum challenge

The Art of the Possible

Your major Scrum challenge

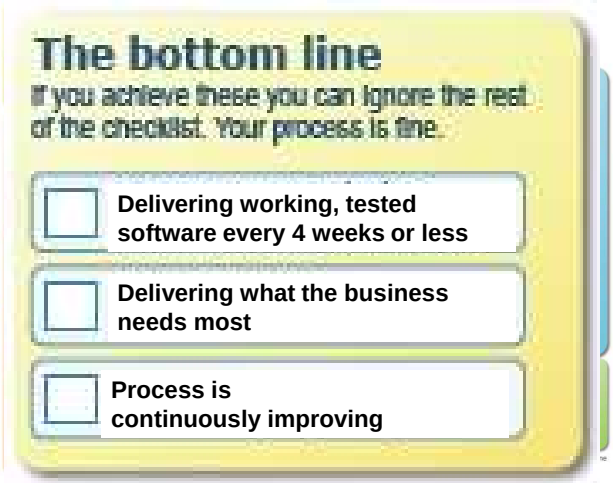
Planning to Fail!

- Fast and Frequent! –

- The more iterations –

- The Better! –

The bottom line



Source: http://www.crisp.se/scrum/checklist/scrum-checklist.pdf

+ Thanks for your attention!

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Who am I?

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TU Delft Delft University of Technology

Who is Prowareness?

"Bringing software development to the next level"

Klik hier voor onze BNR campagne

Prowareness Services?

- Agile Teams
  - NL teams, India teams and hybridx
- Agile Deployments
  - Making the whole organization Agile
- Agile Education
  - Scrum Master, Product Owner, Agile Architecturer, Scrum Mastery, Lean and Agile Customership
- Agile Developers
  - Developers/Testers/Architects
  - Project Managers (PO)/Scrum Masters