Agile Software-Requirements: User Stories und (Vieles) mehr

Handout-Version

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8. Oktober 2012, GI/GChACM Regionalgruppe Stuttgart/Böblingen
Gestatten …

Dr. Andreas Birk

http://www.swpm.de
Agile Software-Entwicklung
Agile Software-Entwicklung

Scrum

Lean

XP – Extreme Programming

Agile Entwicklung
Scrum

Sprint Planning Meeting

Collect Input & Requirements

Sprint Backlog

Sprint 1-4 Weeks

Agile Iteration Cycle (Sprint)

Acceptance & Delivery

Potentially Shipable Product Increment

Daily Scrum Meeting

Work Items

Work Items

Product Backlog

Sprint Backlog

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Scrum Guide

Der gültige Leitfaden für Scrum:
Die Spielregeln

Juli2011

Entwickelt und kontinuierlich verbessert von
Ken Schwaber und Jeff Sutherland

Inhaltsverzeichnis
Requirements in der agilen Entwicklung

- Rollen & Zuständigkeiten
- User Stories etc.
- Agile Dokumentation
- Tests & Testfälle
- Kommunikation & Feedback
Lines represent practices from the various Agile "tribes" or areas of concern:
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User Stories ...
User Story Example

As a frequent flyer
I want to rebook a past trip, so that I save time booking trips I take

Source: Mike Cohn:
http://blog.mountaingoatsoftware.com/advantages-of-the-as-a-user-i-want-user-story-template
User Story Template

A standardized form to write user stories ensures certain quality characteristics:

- As a <user>
- I want <functionality>
- So that <business value>

Source: Mike Cohn:
http://blog.mountaingoatsoftware.com/advantages-of-the-as-a-user-i-want-user-story-template
User Stories shall be: Independent, Negotiable, Valuable, Estimable, Small, Testable
... and beyond User Stories ...
„After the end of an iteration: Throw away the requirements.“

Anregung von Ken Schwaber in einer Diskussion beim Scrum Day 2012
Backlog befüllen in der kontinuierlichen Produktentwicklung
Software-Entwicklung im Großen: Agiles RE skalieren
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**Aspekte des Frameworks “Agile Software Requirements” von Dean Leffingwell**
Beteiligte & Zuständigkeiten

Portfolio Level
- Portfolio Management

Program Level
- Product Management
- Release Management
- System Team

Team Level
- Agile Team
- Agile Team
- Several Agile Teams

Backlog-Strukturen

Portfolio Backlog
- Investment Themes
- Portfolio Vision
- Architectural Runway

Program Backlog
- Roadmap
- Release Planning

Team Backlog
- Also denoted Project Backlog or Product Backlog

Aspekte des Frameworks “Agile Software Requirements” von Dean Leffingwell
Agile Tool-Unterstützung: Kann man mit vollem Werkzeugkoffer sprinten?
Zentrale Literatur zu agilen Requirements


Ergänzende Literatur aus dem Themenumfeld der agilen Requirements


Vielen Dank!

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