

Course Title:

- **Value Scrum:** Advanced Front End for Scrum, to focus on delivering quantified value streams to the organization's stakeholders.

Course Introduction:

- **THE PROBLEM:** Scrum (and other Agile variations) has a weakness as presently practiced: it is too focussed on 'User Stories' and 'Customers'. This is OK for smaller systems and projects. But it is not acceptable for larger and more-critical projects. 'User Stories' are a very poor reflection of the main critical expected value-improvements of a system. The 'customer' (or even 'user') is a poor reflection of the large number (20 to 40) interesting stakeholders in non-trivial systems.
- **OUR SOLUTION:** we will teach you to build a 'front end' to the Scrum, feeding into the Scrum Product Owner (PO). This Scrum front end will define three critical items:
 - (1) The business and organizational improvement needs, (2) the stakeholder needs, (3) the system performance and quality needs. From these three related levels of business value, the PO and the technical design function in the development team can derive the necessary design. This design will impact the software system quality, which will impact the stakeholder needs, which will impact the business needs. All quantified, so non technical management can participate.
- Conventional Scrum does none of this, and is at high risk of failing to deliver expected value – which is a primary agile ideal! Scrum is a core process only – not complete, and Scrum users are always expected to supplement with any needed additional processes. This is one option.
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Instructor References:

- *"Tom Gilb invented Evo, arguably the first Agile process. He and his son Kai have been working with me in Norway to align what they are doing with Scrum."*
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- *"Kai has some excellent case studies where he has acted as Product Owner. He has done some of the most innovative things I have seen in the Scrum community."*
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- Source: Jeff Sutherland, co-inventor of Scrum, 5 Feb 2010 in Scrum Alliance Email.

You will learn:

- How to quantify the top ten most critical business improvement values ('objectives') expected by the project-funding managers, for this development
- How to identify the many critical stakeholders for your project
- How to quantify stakeholder-critical requirements, and to directly relate them to the top business objectives
- How to quantify the necessary software/IT product qualities to support the stakeholder requirements, and to directly relate these to the stakeholder requirements.
- How to derive the necessary 'design' (which the Scrum development will implement and measure value of) from the quality requirements.
- The Unity Method – the 1.1.1.1.1.1.1 method for decomposing large design and architecture ideas into small (weekly) increments of value delivery; based on prioritization of high value first.
- How to test, track, and report value-delivery progress, at each increment, quantitatively.

Who Should Attend?

- Business Analysts, Requirements Analysts, Project Managers, Scrum Masters, Scrum Product Owners, Methods and Process Responsible for IT, CTO, CIO.
Anybody concerned with making sure Scrum and other agile variants really deliver proven measurable business value early.

Certification:

- Participants will receive 'Value Scrum Manager Trained' Certification

About the Instructors:

- Kai Gilb: has practiced and innovated these advanced software engineering methods for 2 decades, internationally and in Norway. Some of his clients are Rolls Royce, HP, Siemens Healthcare, Citigroup, Credit Suisse, JP Morgan, Philips Medical Systems, Confermit (Norway), NTNU IT (Norway), Bring (Norway Post Office).
- Tom Gilb: joined IBM Norway in 1958, and formed his consultancy 1960. He is arguably the public innovator, and driving force, of the primary agile component, 'iteration' in software. He is the author of 9 books, Including '*Principles of Software Engineering Management*'; which is cited as a source of agile ideas by many agile manifesto signers, such as Kent Beck.
- More at www.Gilb.com/about
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Books and Papers by the Instructors:

- See www.Gilb.com/downloads for many papers, case studies, slides, books freely downloadable.
- For a view of advanced agile see: Gilb: Agile Principles
 - http://www.gilb.com/tiki-download_file.php?fileId=431

Related Courses and news:

- The same instructors will hold "Lean Quality Assurance" (March 10-11 2010 PU)

