Introduction to Agile & Lean

Description

Introduction to Agile & Lean is a primer for project teams and organizations that plan to use Agile. The objectives of the 4-hour presentation are to provide a brief overview of Agile and Lean, the benefits each method provide, how the Agile and Lean practices can help increase a company's competitive advantage, and realize an improved return on investment (ROI) as early as the first production release.

Agile software development is not a set of tools or a single methodology, but a mindset and philosophy that was documented in 2001 by 17 software development experts. Agile was a significant departure from the heavyweight, document-driven software development approach traditionally termed Waterfall—that was in general use at the time. Scrum's approach to project management is the most widely used Agile method.

Why Attend?

Japan, a major applier of Lean techniques since the 1990s and a contributor to Lean concepts was the Toyota Motor Corporation. Toyota expanded statistical process control or SPC and added other methods ultimately leading to the development of the Toyota Manufacturing System. The Seiko Watch Corporation also used these methods. Other examples of Lean successes can be found at the website of the United States Environmental Protection Agency (http://www.epa.gov/lean/environment/studies/).

By the late 1980's, the development of software was plagued with many failures due to the dramatic increase in size and complexity of the systems being developed. One analyst said to the effect that, "…no artifact made by man is as complex as the operating system of a modern computer."

While the publication of the "Manifesto for Agile Software Development" did not start the move to Agile methods, which had been going on for some time, it did indicate the industry acceptance of an Agile philosophy.

What You Will Learn

At the end of the course, you will:

Learn the history of Lean, Agile, and Scrum,
Know the importance of Lean, Agile and Scrum,
How the practices of Lean, Agile and Scrum can work for you,
See how managing a project using Scrum can improve your overall operation,
Realize the simplicity of Lean, Agile, and Scrum, and measures that confirm their effectiveness,
And more

Who Should Attend?

Introduction to Agile & Lean is recommended for managers, project support personnel, and members of project teams who currently use or plan to adopt Lean, Agile, and Scrum practices.