

Course Outline

1. Introduction

- a. Agile Overview
- b. Agile Manifesto Exercise

2. How Scrum Works

- a. Scrum Overview
- b. Product Backlog Prioritization
- c. Product Backlog Management
- d. Story Conferencing
- e. Sprint Tracking
- f. Capacity-based Planning
- g. Daily Scrum
- h. Project Monitoring
- i. Sprint Showcase
- j. Executive Showcase
- k. Sprint Retrospective
- l. Adapt and Close

3. Scrum and Kanban

- a. Lean & Agile Principles
- b. Scrum Basics vs. Kanban Basics
- c. Kanban Example
- d. Kanban Metrics
- e. Value Stream Mapping
- f. Limiting WIP
- g. Scrum and Kanban Cadence
- h. Continuous Improvement
- i. Scrum & Kanban Summary
- j. Kanban Exercise

4. User Stories

- a. Capabilities to Stories
- b. User Story Template
- c. Well-Written Stories

- d. Stories are Not Requirements
- e. Architecturally Complete Stories
- f. User Story Exercise

5. Story Slicing

- a. Epics
- b. Slicing Epics
- c. Anti-Stories
- d. Ridiculously Thin-Slicing
- e. This-Slicing Points in the DW/BI Architecture
- f. Story Slicing Exercise

6. Relative Estimating

- a. Agile Estimating & Conventional Estimating
- b. Absolute vs. Relative Estimating
- c. T-Shirt Sizing
- d. Story Point Estimating
- e. Estimating Poker

7. Building Project Community

- a. The Agile Project Community
- b. Self-Managing and Self-Organizing Teams
- c. Shared Values: Team Working Agreements
- d. Honoring Commitments
- e. Visual Controls
- f. Agile Roles