



Custom Agile Analysis Workshop

1 Day | Virtual

User stories are a common tool used during agile development efforts. Learning to write effective user stories requires practice and a solid understanding of what makes a “good” user story. How do we create lean documentation while still providing enough detail to ensure that our team builds a valuable, effective solution?

This class approaches user stories from the perspective of developing and maintaining a healthy backlog. This includes development of examples, models, and other techniques to ensure a shared understanding of the story.

Concepts are reinforced throughout class in hands-on workshops. Participants can bring their initiative or epic to break down into user stories or use a provided case study.

Learning Objectives

- Practice writing “good” user stories that clearly identify the Who, What, and Why of the story
- Provide practical tools and techniques to ensure your user stories meet the characteristics of INVEST
- Develop a “big picture” view of the stories in your backlog and analyze it for gaps
- Learn to use core components analysis to ensure that stories have “just enough” detail
- Practice progressive elaboration techniques to transform stories from “raw” to “ready”
- Use examples, models, and other techniques to develop a shared understanding of each user story

Intended Audience

This course is designed for analysts who are developing requirements on an agile team.

Prerequisites

Familiarity with common analysis techniques such as flowcharts and use case descriptions is helpful.

Learning Topics

Topic
Review User Story Characteristics
<ul style="list-style-type: none">• Review when and how stories are used• Understand the 3 C's of user stories: Card, Conversation and Confirmation• Apply the INVEST characteristics
Establish the "Big Picture"
<ul style="list-style-type: none">• Learn to construct a Story Map to place backlog items in context• Perform gap analysis to ensure that the backlog represents the full "story" of what is needed• Workshop: Begin the Story Map for a case study using AI• Workshop: Revise a draft Story Map
Progressive Elaboration of User Stories
<ul style="list-style-type: none">• Review the four core components of requirements: Data, Processes, Interfaces, and Business Rules• Workshop: Identify the core components for a user story from the case study• Define the 4 R's of the user story lifecycle: Raw, Rough, Refined, and Ready• Discuss criteria that can be used to create a "Definition of Ready" (DOR)• Explore the use of examples and models to elaborate the details of a user story• Exercise: Identify models that might be used to elaborate a story• Workshop: Elaborate the details for a user story from a case study
Course Summary
<ul style="list-style-type: none">• Course retrospective• Develop a Post Class "Go Do It!" Plan with next steps for the student's current project