

Introduction to Eliciting and Writing Agile Requirements

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Course Number: AGL-176

Duration: 1 days

Overview

Course Description

This Introduction to Eliciting and Writing Agile Requirements training teaches attendees how to translate client needs into measurable metrics through writing specific and verifiable user requirements. In addition, students will understand Application Lifecycle Management and be able to differentiate between a Waterfall and an Agile Environment.

Skills Gained

- Understand Application Lifecycle Management (ALM) as a starting framework
- Use the requirements workflow
- Write requirements from different perspectives and what it involves
- Overcome the challenges of writing requirements
- Understand functional vs non-functional requirements
- Understand Use Cases vs. User Stories
- Model the requirements

- Understand Agile vs. Waterfall

Prerequisites

No prior experience is presumed.

Training Materials

All Agile Scrum training students receive comprehensive courseware.

Software Requirements

For in-person deliveries, attendees do not need computers for this course. We will provide full classroom setup instructions that will include seating in small groups, with supplies such as flipcharts, sticky notes, markers, and pens for the attendees and a projector and Internet connection for the instructor's laptop.

Online deliveries for this interactive training will use an online meeting platform (such as Zoom, WebEx, GoTo, or Teams) to have face-to-face contact online, including use of breakout rooms for group activities.

Audience

Course Details

Outline

- Introduction
- What is Application Lifecycle Management
 - Application Lifecycle Management defined
 - Understanding what goes into product inception
 - Understanding what is involved in product elaboration
 - Understanding what is involved in product construction
 - Understanding what is involved in product transition
- Writing Requirements and What is Involved in the Process
 - What is necessary to write requirements?
 - What are the challenges of writing requirements?
 - Learn what it means to write SMART requirements
 - Learn what it means to utilize the 5 C's technique
 - What are the activities and artifacts of writing requirements?

- Understanding Use Case Documents
 - What is a good Use Case?
 - What is an Actor and how to discover them?
 - How do I model the Use Case?
 - What is the best process for defining a Use Case Model?
- Discovering Requirements
 - Common techniques of discovering requirements
 - Benefits of each technique
 - Understanding functional and non-functional requirements
- Application of Developing a Use Case
 - How to develop Use Cases from start to finish
 - How to refine the Use Case
 - Top pitfalls of Use Case development and how to avoid them
- What is Agile and How is it Different From Waterfall?
 - Understanding the Agile Manifesto
 - Understanding the principles of Agile
 - Benefits of Agile to different departments within an organization
 - Creating and Understanding User Stories
 - How are Use Cases and User Stories different?
- Wrap up and Review