

Requirements Management with Use Cases and Labs



Course Number: PS0001

Who should attend?

This course is designed for project managers, system and business analysts, developers, and testers.

Delivery and duration

Three-day course (21 PMI Professional Development Units)

Course Agenda

What is Requirements Management

- What is a requirement?
- Types of requirements
- Functional requirements
- Informational requirements
- Non-functional requirements
- Common obstacles

Elicit Requirements

- Understand business goals and objectives
- Define a common vocabulary
- Identify stakeholders and determine their needs
- Elicitation techniques
- From business process to system requirements
- Defining features
- Defining business rules

Specify Requirements

- From business processes to activities
- Identify actors and Use Cases
- Detailing Use Cases
- Capturing a detailed Use Case
- The role of storyboarding
- Storyboarding vs. user centered design
- Defining information requirements
- Identifying and defining non-functional requirements

Validate Requirements

- Why validate?
- Validation approach
- Peer reviews
- Prototyping
- Proof of concept
- Validate summary

Manage Evolving Requirements

- Reasons for change
- Why manage change
- How to manage change
- How a repository can help
- When to allow change
- Traceability
- Defect and change tracking
- Configuration management

Tailor the Requirements Approach

- Define high level strategy
- Define roles and responsibilities
- Define team structure
- Tailor methodology
- Select tools
- Determine stakeholder review process
- Outlining a requirements approach

Q & A