

The Agile Business Analyst

Course Summary

Description

The Agile Business Analyst describes the role of the BA in an agile project environment. While examining core agile BA concepts, participants engage in hands-on exercises in order to learn commonly used tools and techniques.

Objectives

By the end of this course, students will be able to:

- Roles of the agile business analyst
- The BA and team development
- The agile requirements model
- Developing the product backlog
- Conversation-based discovery
- Iteration planning
- Using models to analyze requirements
- Requirements prioritization
- Verifying and validating requirements
- BA participation in design and test
- Solution validation
- Post-Project solution assessment

Topics

- Introduction
- The Agile Business Analyst
- Stakeholder Collaboration Skills
- Understanding Project Requirements
- Enterprise Analysis
- Planning in Agile
- Requirements Elicitation
- Analyzing Requirements
- Communication in Agile
- Verification and Validation
- Additional BA Functions

Audience

This course is of particular value to business analysts, agile team members, Product Owners, and other project staff with direct or indirect responsibility for requirements definition and analysis; Project Management Office staff; and managers of business analysts.

Prerequisite

This course assumes that participants have participated in some projects and have some understanding of the agile project environment

Duration

Two Day

The Agile Business Analyst

Course Outline

I. *Introduction*

- A. Business Analysis
- B. Value of Business Analysis
- C. Roles of the Business Analyst
- D. Course objectives
- E. Course map

II. *The Agile Business Analyst*

- A. IIBA; BABOK Guide; Agile Extension
- B. Role of the Agile BA
- C. Agile Manifesto
- D. BA Techniques
- E. Certification programs
- F. BA Competencies
- G. Collaborative Games

III. *Stakeholder Collaboration Skills*

- A. Stakeholder identification and analysis
- B. Stakeholder Management

IV. *Understanding Project Requirements*

- A. Poor requirements cause project failure
- B. Agile and waterfall project methodologies
- C. Requirements types
- D. Business requirements, Capabilities, Features
- E. Epics, Enablers, Themes
- F. User Stories
- G. Business Rules
- H. Transition Requirements

V. *Enterprise Analysis*

- A. Enterprise analysis
- B. Strategic analysis
- C. The Lean Business Case
- D. Problem assessment
- E. Root cause analysis
- F. Pareto
- G. Needs analysis
- H. Solution definition

VI. *Planning in Agile*

- A. Work of the BA in Iteration Zero
- B. Defining Project Scope
- C. Business Analysis Plan
- D. Prioritizing Requirements
- E. Agile Vision Document

- F. Iteration Backlog
- G. Decomposing Epics
- H. Acceptance Criteria
- I. Estimating Work Effort

VII. *Requirements Elicitation*

- A. Requirements elicitation
- B. Conversations
- C. Iterative Prototyping
- D. Interviews
- E. Document Analysis
- F. Observation
- G. Brainstorming and Mind Maps
- H. Requirements Versus Design

VIII. *Analyzing Requirements*

- A. Requirements analysis
- B. Swim Lane Diagram
- C. State Diagram
- D. Use Case Scenario
- E. Entity Relationship Diagram
- F. Data Dictionary
- G. CRUD Matrix

IX. *Communication in Agile*

- A. Importance of Communication
- B. Requirements documentation
- C. Methods of recording requirements
- D. The INVEST Model
- E. User Story Quality Characteristics
- F. Shall Statements

X. *Verification and Validation*

- A. Verification and Validation objectives
- B. Traceability and the RTM
- C. Requirements approval

XI. *Additional BA Functions*

- A. BA participation in Design
- B. Change Control in Agile
- C. BA participation in Testing
- D. End of Iteration Review
- E. Retrospectives
- F. Keeping the Focus on Value
- G. Solution Validation
- H. Assessing Increment readiness
- I. Assessing for Business Value