

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. Topics include:

- 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
- Requirements Planning in Agile
- Requirements Elicitation
- Analyzing Requirements
- Communication in Agile
- Verification and Validation
- Additional BA Functions
- Final Review and Q&A

Audience

This course is of particular value to business analysts and other agile team members, Product Owners, 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

Participants receive:

- CBAP certified instructor
- Comprehensive Participant Guide
- Certificate of Participation
- Commercial-grade Business Analysis templates
- 21 CDUs / PDUs (Technical: 14, Leadership: 5, Strategic: 2)

Duration

Three Days

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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 applied to the BA
 - D. BA focus on the team
 - E. Agile BA Techniques
 - F. Agile BA Certification
 - G. BA Competencies
- III. Stakeholder Collaboration Skills**
 - A. Stakeholder identification and analysis
 - B. Fostering stakeholder engagement
- IV. Understanding Project Requirements**
 - A. Poor requirements cause project failure
 - B. Agile and waterfall project methodologies
 - C. A quick agile primer
 - D. An Agile Requirements Model
 - E. Business requirements, Capabilities
 - F. Features, Epics, Enablers, Themes
 - G. User Stories
 - H. Business Rules
 - I. Transition Requirements
- V. Enterprise Analysis**
 - A. Enterprise analysis
 - B. Strategic analysis
 - C. The SAFe portfolio view
 - D. The Lean Business Case
 - E. SMART Objectives
 - F. Problem assessment
 - G. Root cause analysis and Pareto
 - H. Needs analysis and Solution definition
 - I. Purpose Alignment Model
- VI. Requirements 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
- VII. Requirements Elicitation**
 - A. Requirements elicitation
 - B. Conversations; Workshops
 - C. Iterative Prototyping
 - D. Interviews
 - E. Document Analysis
 - F. Observation and Surveys
 - G. Brainstorming and Mind Maps
 - H. Requirements Versus Design
- VIII. Analyzing Requirements**
 - A. Requirements analysis and models
 - B. Swim Lane Diagram
 - C. State Diagram; Use Case Scenario
 - D. Entity Relationship Diagram
 - E. Data Dictionary; CRUD Matrix
 - F. Personas
- IX. Communication in Agile**
 - A. Importance of Communication
 - B. Documenting requirements
 - C. The INVEST Model
 - D. User Story Quality Characteristics
 - E. Given – When – Then
 - F. Story boards
- 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 Solution Testing
 - D. End of Iteration Review
 - E. Requirements Harmonization
 - F. Retrospectives
 - G. Keeping the Focus on Value
 - H. Solution Validation
 - I. Assessing Increment readiness
 - J. Assessing for Business Value
- XII. Final Review and Q&A**