CVR / IT
Consulting

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The Agile Business Analyst

Course Overview

The Agile Business Analyst describes the role of the BA is 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

Who should attend

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.

Prerequisites

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

Class Information

- **Course I.D. Number:** 4090
- **Delivery**: Virtual or onsite
- **Participants receive:**

Duration: 3 days (also in 2-Day format)
Typical class size: 6 to 20 attendees

  - CBAP® certified instructor
  - Comprehensive Participant Guide
  - Certificate of Participation

  - Commercial-grade Business Analysis templates
  - 21 CDUs / PDUs (Technical: 14
      Leadership: 5   Strategic: 2)

Learning Approach

- A CBAP®-certified instructor will use interactive lecture format, numerous hands-on exercises and class discussions, team activities, and other techniques to drive home the essential points of this material
- We will build on your prior experience in this topic, while providing you with a structure and vocabulary to use in all of your future projects.
- If you have modest understanding of the Business Analyst role in agile, you will find that the clarity of the material and direct presentation style of the instructor will make the subject matter easy to understand.

Licensing

- *Use this course to teach your students!*
- This course is available under license to qualified Training Providers. See: **http://www.cvr-it.com/coursewareondemand/** for details or contact us: 800.877.8129 or **info@cvr-it.com**

Course Outline

Section 1: Introduction

- Business Analysis
- Value of Business Analysis
- Roles of the Business Analyst
- Course objectives
- Course map

Section 2: The Agile Business Analyst

- IIBA®; BABOK® Guide; Agile Extension®
- Role of the Agile BA
- Agile Manifesto applied to the BA
- BA focus on the team
- Agile BA Techniques
- Agile BA Certification
- BA Competencies

Section 3: Stakeholder Collaboration Skills

- Stakeholder identification and analysis
- Fostering stakeholder engagement

Section 4: Understanding Project Requirements

- Poor requirements cause project failure
- Agile and waterfall project methodologies
- A quick agile primer
- An Agile Requirements Model
- Business requirements, Capabilities
- Features, Epics, Enablers, Themes
- User Stories
- Business Rules
- Transition Requirements

Section 5: Enterprise Analysis

- Enterprise analysis
- Strategic analysis
- The SAFe® portfolio view
- The Lean Business Case
- SMART Objectives
- Problem assessment
- Root cause analysis and Pareto
- Needs analysis and Solution definition
- Purpose Alignment Model

Section 6: Requirements Planning in Agile

- Work of the BA in Iteration Zero
- Defining Project Scope
- Business Analysis Plan
- Prioritizing requirements
- Agile Vision Document

- Product and Iteration Backlogs
- Slicing Stories from Epics
- User Story Acceptance Criteria

Section 7: Requirements Elicitation

- Requirements elicitation
- Conversations; Workshops
- Iterative Prototyping
- Interviews
- Document Analysis
- Observation and Surveys
- Brainstorming and Mind Maps
- Requirements Versus Design

Section 8: Analyzing Requirements

- Requirements analysis and models
- Swim Lane Diagram
- State Diagram; Use Case Scenario
- Entity Relationship Diagram
- Data Dictionary; CRUD Matrix
- Personas

Section 9: Communication in Agile

- Importance of Communication
- Documenting requirements
- The INVEST Model
- User Story Quality Characteristics
- Given – When – Then
- Story boards

Section 10: Verification and Validation

- Verification and Validation objectives
- Traceability and the RTM
- Requirements approval

Section 11: Additional BA Functions

- BA participation in Design
- Change Control in Agile
- BA participation in Solution Testing
- End of Iteration Review
- Requirements Harmonization
- Retrospectives
- Keeping the Focus on Value
- Solution Validation
- Assessing Increment readiness
- Assessing for Business Value

Final Review and Q&A

This course includes over 25 hands-on exercises plus demos and guided discussions that help reinforce learning and retention.