

Agile Business Analysis H7G50S (6315)

Agile Business Analysis focuses on a framework of tools, techniques, and tips that can be used to improve analysis on Agile projects and provides students with an understanding of the changing role of the business analyst.

HPE course number	H7G50S
Course length	3 days
Delivery mode	ILT
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Audience

This course is designed for business analysts, analysts who are new to Agile, or those who are transitioning from a traditional waterfall requirements gathering approach to an Agile one. You will leave with a solid understanding of the successes and challenges that occur in a Scrum framework.

- Compare and contrast traditional requirements development to User Story development
- Build a backlog and plan for the Sprint
- Apply Agile Business Analysis techniques to increase customer value
- Review key actions and challenges during the Sprint
- Apply testing approaches to an Agile cycle
- Examine challenges and approaches to continuous improvement

Course objectives

Upon completion of this course, you will be able to:

- Recognize key principles of Agile, Scrum, and Lean
- Describe the characteristics of business analysis during Agile projects
- Examine the roles and responsibilities in a Scrum framework

Detailed course outline

Lean and Agile foundations

- Principles and challenges
 - Lean thinking
 - Lean software development
 - Agile manifesto
 - The 12 principles of Agile software development
 - Waterfall development life cycle
 - Software feature use
 - Agile development approaches
 - SAFe
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The State of Business Analysis

- Business Analysis
 - What is Business Analysis?
 - What a BA does in Agile?
 - Competencies of the Business Analyst
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Enterprise Analysis

- What is Enterprise Analysis?
 - Enterprise Analysis value
 - Agile Enterprise Analysis
 - Who is involved with EA?
 - Vision statements
 - What is Elicitation?
 - Elicitation and Analysis in Agile
 - Define business need
 - Access capability gaps
 - Determine solution approach
 - Define solution scope
 - High-level scope definition: High-level backlog
 - Context diagram
 - Define business case
 - Breaking down work
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Agile stakeholders and the Business Analyst

- People—The key to Agile and Analysis
 - Personas and actors
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Requirements foundations

- Several types of requirements
 - What is a requirement?
 - Classifications of requirements
 - User stories defined
 - Use case defined
 - User Stories and Acceptance Criteria
 - Spikes
 - Story cards
 - Story gathering techniques
 - Story mapping
 - Acceptance testing
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Course data sheet

Building a backlog

- From ideas to backlog
- Backlogs are DEEP
- Product backlog
- Ideas to stories
- Product backlog example
- Cone of uncertainty
- Agile estimation
- Multiple product backlogs

Sprint planning and execution

- What's involved?
- Product backlog grooming
- Sprint grooming
- Full slice user stories
- Story splitting
- Sprint planning
- Sprint
- Daily standup
- Half of everything done
- Working as a sprint team
- Sprint retrospective

Attaining Agile and lean success

- Retrospective—Improving your Agile Analysis
- Better, not best
- Agile Analyst success modes

Agile simulation exercises

- Agile planning review
- Scrum review
- Agile simulation: Build an airport

Professional benefits

The following credits are available for this course:

- 21 PDU
 - 24 CPE
 - 21 CLP
 - 2.1 CEU
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