

## SUMMARY

*Lean-Agile Product Roadmaps* is a two-day workshop which builds on the foundation of steering products by business value set in the *Product Manager / Product Owner Essentials* workshop. Participating Product Managers and business executives learn how to build a product roadmap based on the Lean and Agile principles of business value, experimentation and constant feedback.

## DESCRIPTION

In this workshop, participants learn to surface the hidden assumptions and expected business results that lie behind each initiative. They also learn how to establish an economic framework for determining the business value of initiatives and roadmap items.

Participants learn how to decompose their large initiatives according to the Lean principles of customer value and validated learning including:

- Delivering the highest business value earlier
- Measuring and validating business results
- Establishing an economic framework for the business value of your roadmap items
- Surfacing the business assumptions and goals behind your initiatives

Participants explore how to create and maintain a product roadmap that takes into account the many potentially competing factors, including:

- Architectural and technical dependencies
- Dependencies on other groups such as other systems, marketing, and operations
- Deadlines and time-constraints
- Capacity and capability of all involved teams

### We are ideally suited to deliver this workshop

Net Objectives has been doing Agile at scale since 2004. We have pioneered dozens of practices that have now become commonplace in scaled Agile community.

The Net Objectives team has been providing thought leadership in eXtreme Programming, Design Patterns, TDD, ATDD, Emergent Design and more for over 15 years, including the publication of multiple award winning books.

## OBJECTIVES

At the end of this workshop, participants will have created a preliminary product roadmap for selected product initiatives.

## LEARNING OBJECTIVES

Learning objectives for this workshop include:

- Understanding how to apply Lean and Agile principles to product road-mapping
- Describing patterns and anti-patterns for decomposing initiatives into Lean-Agile slices
- Understanding how to establish an economic framework for valuing initiatives and their components (down to Lean-Agile slices)
- Understanding of the importance of calculating Cost of Delay
- Describing a framework for combining technical and business prerequisites with business factors to prioritize and roadmap Lean-Agile slices
- Describing a framework for establishing product roadmaps given the constraints of the development teams and the other critical stakeholders in each initiative
- Understanding how to incorporate feedback from completed work into product roadmaps

## WORKSHOP OUTLINE

1. Lean-Agile Roadmap overview
  - Driving by Business Value
  - Purpose of Lean-Agile Road-mapping (Why)
  - Anti-patterns to avoid

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## LEARN MORE

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2. Decomposing Initiatives (business and product) into Lean-Agile slices
  - Common Anti-patterns to avoid
  - Facets of Initiatives' Business Value
  - Decomposing Initiatives into Minimum Business Increments (MBIs)
  - Giving technical / business flexibility to MBIs
3. Prioritizing Work Items (MBIs)
  - Creating an MBI Economic Framework
  - Computing Cost of Delay
  - Handling Architectural prerequisites
4. Product Road mapping
  - Non-technical and other work items needed to achieve business value
  - Handling deadlines and time-constraints
5. Balancing capacity of all teams (internal, external, business, etc.)
  - Maintaining your Product Roadmap
  - Updating business expectations
  - New Initiatives - using slack or slippage
  - Dealing with surprises (positive and negative)

## LEVEL

Advanced

## TARGET AUDIENCE

Business leaders responsible for setting business and product initiatives; Product Managers responsible for guiding products and setting and managing product roadmaps. Engineering leaders who will size the effort and collaborate to sequence of delivery.

## ATTENDEE MATERIALS

Workshop materials will be provided at the start of the class.

## ROOM SETUP AND EQUIPMENT

Students usually sit at tables, 4-6 students per table.

Flip chart and whiteboard for the instructor.

A projector with screen.

## PDU

14 Category B PDUs

## PREREQUISITES

Participants must first complete the *Product Manager / Product Owner Essentials Workshop*

## WORKSHOP LENGTH

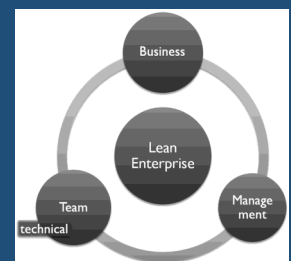
2 days

## MAXIMUM NUMBER IN WORKSHOP

20

## NET OBJECTIVES

We are committed to delivering the principles, practices, and perspectives that businesses must know in order to maximize their return on their technology solution and software development efforts. We combine our experience and a time proven approach based on lean thinking to continuously extend the capability of what is possible in creating effective technology delivery organizations (IT or product). We provide these learned methods to our clients to assist them in achieving their goals and in assisting them in making their organizations more successful.



Full course descriptions may be found at  
[www.NetObjectives.com/training](http://www.NetObjectives.com/training)

Lean • Agile • Kanban Patterns •  
 TDD • ATDD • Assessments •  
 Consulting Training • Coaching