Workshop Outline

CIKI
LEARNING CENTRE

OVERVIEW

It's been over a decade since the creation of the agile manifesto and agile development practices have matured beyond just a collection of team practices to an organizational philosophy for sustainably creating and delivering value. Organizations are now pushing agile well beyond the team environment agile methodologies were originally intended for and are realizing greater value in their programs and even in their project portfolios. We have learned a great deal in the last decade and it's time for a new introduction to agile development that explains agile concepts beyond team practices. In this new introduction, participants will gain a perspective on agile that is often not well addressed in the textbooks and yet necessary for understanding agile in the organization. The purpose of this workshop is to develop a broad understanding and appreciation of state of the art agile and lean philosophies and their realization in specific practices. Participants will be able to use the understanding and knowledge gained in this workshop to begin planning how they too can sustainably improve project outcomes by creating and delivering greater value faster to their stakeholders.

AUDIENCE

The workshop is geared for both agile novice and those who enjoyed some experience with agile and need to know more to plan the deployment of agile and lean methodologies in their organization. We suggest having anyone who participates in a project where an agile approach will be deployed attend the session, i.e. Project Managers, Business Analysts, Process Analysts, Developers and Business Stakeholders.

BENEFITS

- Develop an understanding of agile & lean beyond a mechanistic & uncritical evaluation of practices
- Explain the intent behind Agile Manifest
- Apply business benefit mapping to corporate strategy to ensure optimization of limited corporate resources
- Understand the economic assumptions behind agile & lean principles that enable sustainable delivery of value
- Steer project using credible multilevel plans
- Learn different agile & lean methods – Scrum, XP & Kanban

- Understand how user stories create a value based work breakdown structure
- Improve the quality of estimates using relative estimating
- Scale agile beyond the team to realize agile benefits for the project and the organization
- Plan an agile roll-out using agile practices
- Learn key techniques and tools

FORMAT

This is a hands-on workshop where you will be grouped into teams that will work together using the tools and techniques presented in the workshop to solve project problems. In addition, dialogue sessions and reviews are conducted for experience and idea sharing, and guided feedback from the Workshop Leader to reinforce learning. This format will enable you to immediately apply your new skills back at work.

TAKE-AWAYS

- Reference Manual
- Hand-Outs and Templates
- Certificate of Completion

- 14 PMI® Professional Development Units (PDUs)
- Website & Book References

COURSE CONTENT

Introduction

- Workshop Guidelines
- Introductions
- Workshop Objectives, Format & Agenda

Agile Framework

- What Is Agile & Where Did It Come From
- Lean Principles
- Agile & Lean Economics – Waste Reduction
- Value Based Project Management
- Financial Concepts
- Business Case Fit in the Project Life Cycle

Context Matters

- Two Fables – The Frog & Octopus, and The Newt
- Team Roles In An Innovative Organization

Socio-Technical Systems : People Trump Process

- Systems Thinking & Changing the System
- Socio-Technical Systems – What We Need to Learn
- People As A Cost Driver – Culture As a Competitive Advantage

Lego City

- Overview of the Workshop Project
- Build a City Using An Agile Approach

Scrum – How A Team Gets Something Done

- Scrum As A Social Process
- Applying Scrum to Project Development Phase

Kanban – Maintaining Flow

- Mapping the Value Stream
- Explicit Work In Progress Limits

Your Backlog

- A Value Based Approach to Work Breakdown Structures & Requirements
- The 3 Cs, Acceptance Criteria, Epics & Stories, and Story Splitting
- Relative vs. Absolute Estimating

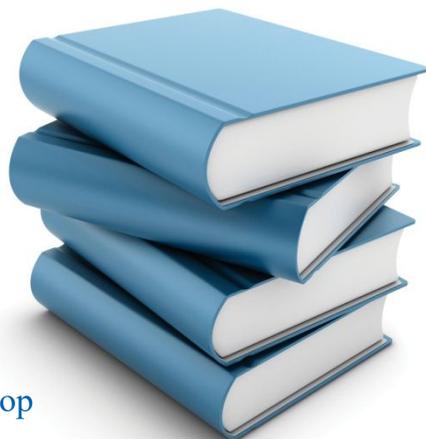## Change Happens! A Project with Multi-Level Planning

- The Vision & Road Mapping
- Planning & Governance
- Agile Analysis & Modeling – User Stories & Cases

Going Big

- Scaled Agile Framework (SAFe)
- Disciplined Agile Delivery (DADs)
- Agile Planning for A Roll-Out of Agile Methods
- Agile Analysis & Modeling – User Stories & Cases

Workshop Conclusion

- Avoiding the Mistakes of the Past - Tips to Remember
- Individual Opportunities for Improvement

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