

Agile Delivery Method: Optimising Productivity

Do you agree continuous improvement helps the organisation to grow?

Are you able to prioritize the work based on the requirements?

Are you able to understand the instructions and requirements given by your superior quickly?

Introduction

What is Agile, and how does it work? This course is designed for those with limited Agile experience to provide you with an introduction to the Agile approach. The focus of agile delivery methodology is on developing solutions incrementally enabling project teams to react effectively to changing requirements while empowering project personnel and encouraging increased collaboration and ownership. The participants will look at the underlying philosophy and motivation for Agile and examine the core values, principles, practices and techniques that fall under the broad Agile umbrella. Independent of any single brand or methodology, our introductory course looks at the key factors that are needed to apply Agile effectively. This program will give the participants hands-on experience of what it means to work and think in an Agile manner.

Program Objectives and Learning Outcomes

After completing this program, participants should be able to

- Plan, do, check and act according to the agile delivery methodology
- Apply innovation and creativity to enhance the agile delivery system
- Provide proactive solutions for organisational growth.

Who Should Attend?

This Introduction to Agile training course is designed for anyone who is considering the use of Agile Methods, including Project Managers, Program Managers, Analysts, Developers, Programmers, Testers, IT Manager/Directors, Software Engineers, Software Architects, Customers/Stakeholders, Product Managers or anyone who has interest with the agile delivery methodology

Methodology

Case studies, forum discussion, role-play, presentations, gamification

Program Outline

Time	Day One
9:00am - 10:30am	<p>Agile Overview</p> <p>We begin by discussing why an organisation would want to switch from traditional development techniques to Agile ones. Making a case for Change – Organizational change (which an Agile transformation is) is difficult to achieve unless there is a clear understanding among everyone involved about why it is necessary.</p>
10:30am - 11:00am	Tea Break
11:00am - 1:00pm	<p>The Agile Paradigm Shift</p> <p>Agile techniques are based on a completely different mental model and set of paradigms about projects. In this section, we begin to explore the mindset that the Agile methods are built upon. In this module, the participant would learn the paradigm for complexity – The inherent complexity of developing software is the source of most software project failures, so the Agile methods embrace paradigms that are designed for complexity. Also, it is important for the participant to understand predictive vs adaptive – A key difference between traditional and Agile paradigms concerns our ability to predict how the project will unfold. The Agile approach is to expect that our predictions may be less-than-accurate, and to structure the project so we can adapt to these surprises as they unfold</p>
1:00pm - 2:00pm	Lunch
2:00pm - 3:30pm	<p>The Agile Foundation</p> <p>We continue exploring the Agile mindset by examining the foundations upon which the Agile methods were built. The basic concept agile manifesto – The value system upon which Agile is built; agile principles – The necessary elements for making Agile work and agile benefits – Actual benefits as reported in the State of Agile Report would be exposed in this module.</p>
3:30pm - 4:00pm	Tea Break
4:00pm - 5:00pm	Practical Session One

Time	Day Two
9:00am - 10:30am	<p>Agile Methodologies</p> <p>With the reason for Agile in mind and an understanding of the Agile mindset, we are ready to explore the variety of Agile practices that your teams can embrace. Since there is not a single “correct” way to be Agile, we explore the practices associated with four of the most commonly cited Agile methods. The participants would be exposed to the main methodologies, including lean, scrum, Kanban, XP and custom hybrid in this module.</p>
10:30am - 11:00am	Tea Break
11:00am - 1:00pm	<p>Building the Agile Team</p> <p>The Agile practices only work as promised when used in the context of an Agile self-organising team. In this section, we delve into what self-organisation means, and the attributes of an Agile team, including roles, responsibilities, and the team dynamics that make Agile practices successful. The participant would start to understand the systems thinking where the seeing the agile team as more than a collection of people, how to make a great team where the secret of an effective team goes way beyond the process they are using; agile team roles and the team best practices</p>
1:00pm - 2:00pm	Lunch
2:00pm - 3:30pm	<p>Inspect and Adapt</p> <p>Continuous Improvement (the heart of Lean principles) is the heart of Agility as well. We will focus on the practices then enable Agile teams to ensure not only that they are building the right product, but also that they are constantly improving their capacity to do it. They do these things at the end of every iteration (every few weeks)! Hence, the participant would learn how to conduct iteration review, demo and retrospective to ensure the productivity is optimised.</p>
3:30pm - 4:00pm	Tea Break
4:00pm - 5:00pm	<p>Agile Adoption</p> <p>We wrap up with a quick look at how to move forward with an Agile transformation. It is important to have a look and manage the organisation changed.</p>