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# IT Project Management with Agile and Scrum

28 June – 2 July 2027
Barcelona (Spain)



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## Introduction

In today's fast-paced digital environment, the success of organizations depends heavily on how effectively they manage technology-driven projects.

Traditional project management methods often fall short in keeping up with rapid changes, shifting priorities, and evolving customer demands.

IT Project Management with Agile and Scrum provides a modern framework for delivering projects faster, smarter, and with higher quality.

This course focuses on empowering professionals to plan, execute, and lead IT projects with agility — improving collaboration, adaptability, and overall project success.

It bridges the gap between management and technical execution, giving participants the tools to lead cross-functional teams efficiently and deliver tangible business value.

## Course Objectives

By the end of this course, participants will be able to:

- Understand the fundamental concepts of IT project management.
- Apply Agile principles to improve project flexibility and delivery speed.
- Implement Scrum methodology effectively in IT environments.
- Lead and coordinate multidisciplinary teams efficiently.
- Plan, track, and control project progress using Agile tools.
- Manage risks, changes, and stakeholder expectations.
- Measure project performance using data-driven metrics.
- Create a culture of collaboration, innovation, and continuous improvement.



## Course Outlines

### Day 1: Fundamentals of IT Project Management

- Overview of project management in IT environments.
- Understanding project lifecycle and key stages.
- Roles and responsibilities within IT project teams.
- Comparing traditional and Agile project management approaches.
- Identifying common challenges in technology projects.
- Workshop: Defining the scope of an IT project.

### Day 2: Agile Principles and Methodologies

- Core principles and values of Agile project management.
- Transitioning from traditional management to Agile thinking.
- Key Agile frameworks: Scrum, Kanban, and hybrid models.
- Adapting Agile principles to corporate IT environments.
- Roles and collaboration models in Agile teams.
- Exercise: Creating an initial Agile project plan.

### Day 3: Applying Scrum Framework in IT Projects

- Understanding Scrum roles: Product Owner, Scrum Master, and Team.
- Key Scrum events: Sprint Planning, Daily Scrum, Review, and Retrospective.
- Writing effective user stories and prioritizing backlogs.
- Managing project progress with visual task boards.
- Using Scrum metrics to evaluate team performance.
- Hands-on activity: Building a Scrum board for an IT project.

### Day 4: Planning, Execution, and Monitoring in Agile Projects

- Developing Agile project roadmaps and release plans.
- Using performance indicators KPIs to measure outcomes.
- Managing risks and adapting to changing requirements.
- Enhancing team productivity and collaboration.
- Handling multiple sprints and dependencies efficiently.
- Case study: Analyzing a real-world Agile IT project.



### Day 5: Leadership and Value Delivery in Agile Environments

- Leading IT teams in Agile organizations.
- Building trust, motivation, and accountability.
- Aligning project outcomes with business objectives.
- Sustaining agility and innovation beyond implementation.
- Final project: Designing a complete Agile project plan using Scrum.
- Assessment and feedback session.

## Why Attend This Course: Wins & Losses!

- Gain a solid understanding of Agile and Scrum principles.
- Develop the ability to lead IT projects with flexibility and precision.
- Enhance team collaboration and productivity.
- Improve project visibility and risk management.
- Deliver faster results with higher stakeholder satisfaction.
- Learn to adapt to changing business and technical needs.
- Acquire practical tools and templates for immediate application.
- Strengthen leadership and decision-making capabilities.

## Conclusion

Agile and Scrum have transformed the way organizations deliver technology solutions. This course equips participants with the strategic insight and practical tools to lead IT projects in a fast-moving, unpredictable environment. By mastering these modern methodologies, professionals can ensure smoother workflows, faster delivery cycles, and improved collaboration between IT and business teams.

**IT Project Management with Agile and Scrum empowers leaders to turn complexity into clarity—achieving sustainable success in digital transformation.**

