

IT Project management course

1. Introduction + Fundamentals of Project Management

- Types of IT Infrastructure Projects
- Project vs Program vs Portfolio
- Project Management Methodologies
- Unique Challenges of IT Project Management
- IT Teams and PM Roles

2. Project management Methodologies: Waterfall

- The typical stages of Waterfall project management
- The pros and cons of Waterfall project management
- Waterfall project management roles and terminology
- Where to use Waterfall?

3. Agile Project Management: Project Scoping and Requirements

- Advantages of Agile Project Management
- Agile Frameworks: SCRUM
- Definition of Scope and Requirements? Examples
- Scope / Requirements Management Plan

4. Sprint Pre-planning and Planning

- Sprint Planning Readiness Checklist
- Defining a Sprint Goal
- Definition of "Done"
- The Time-Box Concept

5. Sprint Backlog Structure and tools to prepare

- Characteristics of a Good Product Backlog
- Backlog Grooming / Refinement
- How to Write Good User Stories

6. Project Estimation and Methods

- Why are project estimates important?

- Estimation types
- Major project estimation techniques

7. Monitoring Sprint Progress

- Managing the Sprint Backlog
- Daily Scrum
- Task Management
- Sprint Review
- Sprint Retrospective
- Backlog Grooming
- Burndown/Burnup charts
- Managing Workload

8. Project Closeout

- Activities and deliverables
- Developing a Closeout Report

9. Running Scrum in JIRA / Trello / Clickup

- Why Use JIRA? Trello? Clickup?
- Creating Epics & A Roadmap on a Real project with Groups
- Setting up the Board
- Showing Dependencies

10. Group projects presentations

- Project Presentations
- Q&A

11. Qualities of a Successful Project Manager

- Key Qualities list and descriptions
- Good vs Great Project Manager

12. Tips for applying and finding a job

- CV Consultation
- Interview passing techniques