

Managing Projects Using Visual Studio Team Services

MPVSTS | 1 Day



Visual Studio Team Services (VSTS) provides a set of collaboration tools that teams can use to deliver value in the form of working software. VSTS supports teams and projects of all shapes and sizes. This one day course will show you how to configure and use Visual Studio Team Services so that a team can plan and track its development work. Students work in teams, on a common case study, in a common team project.

Who should take this class?

This course is appropriate for all members of a software development team, especially those team members actively involved with creating and refining a product backlog as well as planning work for a sprint. This course will also provide value for members outside the team (managers, Scrum Masters, coaches, stakeholders, etc.) who want a better understanding of how VSTS works, what kind of information it can track, and what information can be reported.

Having some project management and software development experience, either as a team member or as a project manager, is recommended. Experience with Agile software development, Scrum, and Visual Studio are also helpful, but not required. Attendees should read and be familiar with the [Scrum Guide](#).

Course content

This course contains several modules, progressively explaining how to use Visual Studio Team Services to plan, track, and manage an agile software development project.

1. TEAM PROJECTS

- Visual Studio Team Services overview
- Planning and creating a team project
- Securing and configuring a team project
- Teams, profiles, and alerts
- Extensions
- Lab

2. CAPTURING REQUIREMENTS

- Areas and iterations
- Process template overview
- Work items, characteristics, and categories
- Product Backlog page
- Product Backlog Item vs. Bug work item type
- Portfolio management, linking work items, hierarchies
- Kanban board
- Tagging, querying, and charting work items
- Lab

3. PLANNING AND TRACKING A SPRINT

- Setting up a new sprint
- Forecasting work in the Product Backlog
- Creating a sprint backlog
- The Task Board and the Task work item type
- Tracking daily work and other activities
- Web-based test case management
- Creating a test plan for the sprint
- Lab

Course Designer

This course was designed by Richard Hundhausen, a Visual Studio ALM MVP, Microsoft Regional Director, Professional Scrum Trainer, co-creator of the Scaled Professional Scrum framework, and an experienced software developer and trainer. To see other developer courses, visit www.accentient.com.