

Scrum for Team Members

GoSkills online course syllabus

Saturday, May 4, 2024

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| Skill level | Lessons | Accredited by |
| Beginner | 21 | CPD |
| Pre-requisites | Video duration | Estimated study time |
| None | 1h 46m | 10h 30m for all materials |
| Instructor | | |
| Ray Sheen | | |

Project Management Approaches

- 1 Project Management Methodology**
Agile/Scrum is a project management methodology. This means that it provides a set of tools and processes that can be used to organize and manage the project activities.
- 2 Sequential Methodology**
A sequential project management methodology is a traditional approach to project management. It minimizes risk, but this conservative approach can be lengthy and expensive.
- 3 Concurrent Methodology**
The concurrent project management methodology is a collaborative approach. It can significantly accelerate a project as compared to the sequential approach, but it is much more difficult to project manage.
- 4 Agile/Scrum Methodology**
The Agile/Scrum project management methodology is an iterative approach that requires fewer resources than other approaches.
- 5 Project Management Methodology Comparisons**
The three approaches presented are three very different ways of managing a project. Understanding the differences will enable a business to select the best approach for their projects.

Agile/Scrum Elements

- 6 Sprint – Scrum Process**
The Agile/Scrum methodology is a structured project management methodology. It follows a prescribed process that includes Sprints and Scrums.
- 7 Sprint – Scrum Meetings**
Within the Agile/Scrum project management methodology there are a set of meetings that are used to plan and manage the process. Rather than analytical tools, this methodology relies heavily on the use of specific targeted meetings.

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Story Cards

Story Cards, also known as Product Backlog Items (PBIs) are the technique used for documenting project scope, quality requirements, estimates and priority of the deliverables in an Agile/Scrum project.

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Product Backlog

The product backlog is the prioritized list of project deliverables.

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Sprint – Scrum Team

The Scrum Team performs the project work conducted during a Sprint on an Agile/Scrum project.

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Scrum Master

The Scrum Master is the individual who is responsible for facilitating the Agile/Scrum Sprint process.

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Sprint Controls

Sprint Controls are the project management tools that are used by the Scrum Master and Scrum Team to assess performance.

Process Steps

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Step 0: Vision

A clear goal or vision is essential to project success. That is as true with Agile/Scrum as with traditional projects.

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Step 1: Preparing the Product Backlog

Preparing the Product Backlog is the first step in the Agile/Scrum Sprint methodology. It includes creating and prioritizing all the Story Cards.

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Step 2: Assign Scrum Team

To do the work of the Sprint, a Scrum Team must be assigned.

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Step 3: Sprint Planning

The Sprint is initiated with a Sprint Planning Session that organizes the work, estimates the effort, and initializes the Scrum Board and Burn Down Chart.

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Step 4: Sprint Execution

Sprint execution is the actual work of the Scrum team during the Sprint to accomplish the tasks needed to complete each Story in the Sprint Backlog.

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Step 5: Sprint Demonstration

The Sprint Demonstration is the formal meeting where the Scrum Team demonstrates to the Product Owner the performance of each deliverable that was created during the Sprint.

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Step 7: Sprint Retrospective

The Sprint Retrospective is a lessons learned meeting with a focus of identifying opportunities to improve the performance and management of the next Sprint.

Managing the Sprint

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Self-Organizing Teams

Scrum Teams do not rely on assigned project management roles, rather the team organizes and manages itself.

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Scrum Meetings

During a Sprint, the Scrum Team meets daily at a Scrum Meeting to provide status on progress.

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