

# SD5953

## Successful Project Management

# SCRUM

School of Design

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**IMPORTANT**

Please sit with the members  
of your final group project

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# SCRUM

## An AGILE Project Management Methodology

# The Basics of Scrum

- While there are several candidates we could examine within the Agile Methodology family, Scrum is one of the most used popular and well-developed approaches available when it comes to managing projects in an Agile way.
- Scrum divides the responsibilities within a project between:
  - The Product Owner
  - The Scrum Master
  - The Team

<http://www.mountangoatsoftware.com/topics/agile-project-management>

# AGILE PM – The Product Owner

## The Product Owner:

- Is responsible for the business aspects of the project, including making sure that the right product continues to be built – and that its priorities are in the right order.
- A good product owner:
  - Can balance competing priorities
  - Is available to the team throughout the process
  - Is empowered to make decisions about the product

<http://www.mountaingoatsoftware.com/topics/agile-project-management>

# AGILE PM – The Scrum Master

## The ScrumMaster:

- Acts as the team's coach, helping team members work together in the most effective manner possible.
- Serves the team by removing impediments, facilitating meetings and encouraging discussion.
- Performs some of the “classic” project management duties, such as tracking progress and issues.

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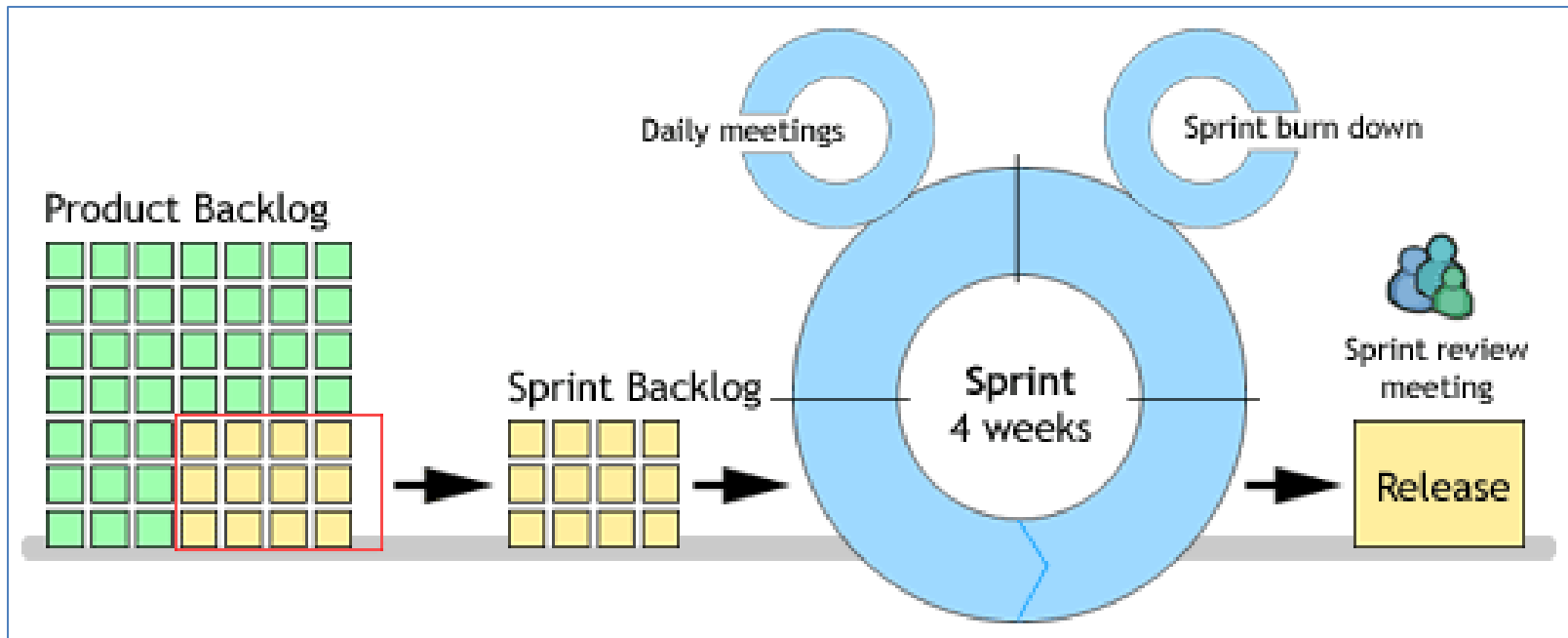
# AGILE PM – The Team

## The Team:

- Assumes responsibility for creating the product as defined by the product owner.
- Collectively decides as to who works on what as well as the technical approach required to achieve target quality goal
- Performs the necessary work to achieve the product



# Scrum Sprint Planning



<http://www.targetprocess.com/userguides/guides/user-guide/scrum.gif>

# Scrum Ceremonies

- In the most general sense, when agile practitioners talk about a project ceremony, they are talking about the formal activities that the project membership observes on a regular basis to forge and support forward progress.
- Scrum uses the following ceremonies to move projects along:
  - Sprint Planning
  - Daily Meeting
  - Sprint Review

# Sprint Planning

- Sprint Planning is an integral component of the AGILE process.
- Sprint Planning is usually time-boxed to a maximum of 8 hours to plan an entire month of work, but can be even shorter if the Sprint Increment is less than a month (normal duration).
- Sprint Planning process answers the following questions:
  - What work is to be delivered in the next Sprint?
  - What inputs are needed to enable the next Sprint?

# Daily Meeting

- The Daily Meeting is an integral part of the agile approach.
- They usually have a strict 15 minute time limit, and they are for issuing status updates, not problem-solving or planning.
- Each team member simply explains to the rest of the team:
  1. What they accomplished since the last meeting.
  2. What they intend to accomplish for the next meeting.
  3. What impediments they've found or expect to encounter.

<http://www.techrepublic.com/blog/tech-manager/three-ceremonies-to-conduct-in-scrum-projects/3187>

# Sprint Review - A

- A guiding principle of agile methods is the feedback loop.
- Agile practitioners stress the importance of continuously improving the content and the process that delivers it.
- Sprint Reviews are where the course of the project gets corrected as to ensure that it will deliver relevant business benefits.

<http://www.techrepublic.com/blog/tech-manager/three-ceremonies-to-conduct-in-scrum-projects/3187>

# Sprint Review - B

- Sprint Reviews are usually time-boxed to a 4 hour maximum.
- Everyone attends these meetings – external and internal representatives alike.
- Everyone evaluate the progress made, and feedback is given.
- Changes that may have an effect on the project (market, technology, business value) are discussed and any necessary adjustments are made.

<http://www.techrepublic.com/blog/tech-manager/three-ceremonies-to-conduct-in-scrum-projects/3187>

# QUESTIONS?

# Scrum Related YouTube Videos

- What is Agile Software Development and Scrum?
  - [http://www.youtube.com/watch?v=Jj83I4\\_DmoM](http://www.youtube.com/watch?v=Jj83I4_DmoM)
- Why is Scrum so Hard?
  - <http://www.youtube.com/watch?v=q3t8twm3aUk>
- Going Agile with Scrum at Genius.com
  - <http://www.youtube.com/watch?v=b9U6AtJwtBM>



**THANK YOU**