Scrum

Software Maintenance

Scrum Development Team Size

According to the **Scrum** Guide:

3-9 people in a Scrum development team

Should have all the skills necessary to deliver product increments.

The number of developers is usually dictated by the needs of the product and usually is between two and five developers.

Scrum

Characteristics of a Great Scrum Team

by Barry Overeem

http://www.barryovereem.com/wp-content/uploads/White-paper-Characteristics-of-a-Great-Scrum-Team.pdf

Scrum

Scrum offers a framework that catalyzes the teams learning through discovery, collaboration and experimentation.

Scrum elements:

- Product owner – maximizes value
- Scrum master – enables continuous improvement
- Development team – focuses on delivering high quality product increments

Product Owner Responsibilities

Product owner brings the business perspective of the software product to the Scrum team; is responsible for:

- Developing and maintaining a product vison and market strategy
- Product management
- Ordering and managing the product backlog
- Involving stakeholders and end-users in product backlog refinement and management
- Aligns with other product owners when needed

Great Product Owner

A great product owner:

- Embraces the product vision
- Orders the product backlog
- Knows the business models and shares experiences
- Owns user story mapping
- Focuses on functionality
- Is able to say 'no'
- Takes backlog refinement seriously
- Knows backlog consists of more than only new features – also technical innovation, technical debt and providing support
- Has studied all the stuff from Roman Pichler

Scrum Master

Scrum master ensures Scrum is understood and enacted; acts as a:

- Servant leader
- Facilitator
- Coach
- Conflict navigator
- Manager
- Mentor
- Teacher to ensure Scrum is understood and enacted

Great Scrum Master

A great scrum master:
- Involves team with setting up process
- Understands team development
- Recognizes and acts on team conflict
- Dares to be disruptive
- Is aware of the smell of the place
- Is both dispensable and wanted
- Lets his team fail (occasionally)
- Encourages ownership
- Prevents impediments
- Isn't noticed
- Forms a great duo with the product owner
- Leads by example
- Is a born facilitator

Development Team Characteristics

Development teams: are

- Self-organizing
- Cross –functional
- Recognize no titles for development members other than developer
- Recognizes no sub-teams in the development team
- Individual members may have specialized skills and areas of focus, but accountability belongs to the team

Great Development Team

A great team:

- Pursues technical excellence
- Applies team swarming – work on a few items at a time
- Use spike solutions
- Criticizes ideas, not people
- Has fun with each other
- Don't have any Scrum 'meetings'
- Knows their customer and can explain the business value of a technical task
- Trusts each other
- Updates scrum board themselves
- Spends time on innovation