Software Engineering

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Software Engineering Process

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Software Engineering Process

Roles

Product Owner

The Product Owner is accountable for maximizing the value of the resulting product

- The Product Owner (PO) is also accountable for effective Product Backlog management, which includes:
    - Developing and explicitly communicating the Product Goal
    - Creating and clearly communicating Product Backlog items
    - Ordering Product Backlog items
    - Ensuring that the Product Backlog is transparent, visible and understood

- The Product Owner may do the above work or may delegate

- The Product Owner remains accountable

- The entire organization must respect their decisions

- The Product Owner is one person, not a committee

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Scrum Master

The Scrum Master is accountable for the Scrum Team's effectiveness and enable the Scrum Team to improve its practices

Scrum Masters are true leaders who serve the Scrum Team and the larger organization

The Scrum Master serves the Scrum Team in several ways, including:

- Coaching the team members in self-management and cross-functionality
- Helping the Scrum Team focus on creating high-value Increments
- Causing the removal of impediments to the Scrum Team's progress
- Ensuring that all Scrum events take place and are positive, productive, and within time

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Scrum Master

The Scrum Master serves the Product Owner in several ways, including:

- Helping find techniques for effective Product Goal definition and Product Backlog management
- Helping the Scrum Team understand the need for clear and concise Product Backlog items
- Helping establish empirical product planning for a complex environment
- Facilitating stakeholder collaboration as requested or needed

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Scrum Master

The Scrum Master serves the organization in several ways, including:

- Leading, training, and coaching the organization in its Scrum adoption
- Planning and advising Scrum implementations within the organization
- Helping employees and stakeholders understand and enact an empirical approach for complex work
- Removing barriers between stakeholders and Scrum Teams

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Roles

Developers

Developers are the people in the Scrum Team that are committed to creating any aspect of a usable increment on each Sprint

Developers' skills are often broad and vary with the domain of work

However, the Developers are always accountable for:

- Creating a plan for the Sprint, the Sprint Backlog
- Instilling quality by adhering to a Definition of Done
- Adapting their plan each day toward the Sprint Goal
- Holding each other accountable as professionals

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