

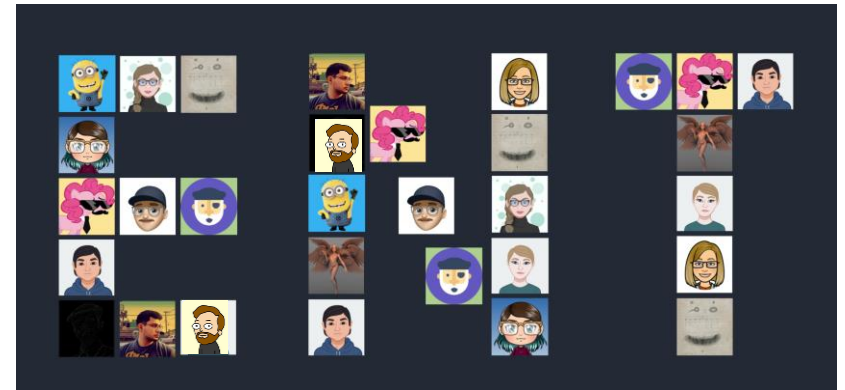
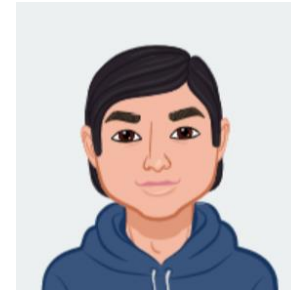
DERSE 21ST FEB 2023

Agile Research Software Development: Scrum

Kay Liewald
Lilja Sautter

Who we are:

- Kay Liewald: Scrum Master and Agile Coach
- Lilja Sautter: Product Owner
- SUB Göttingen – Digital Library (DB) – Software and Service Development (ENT)
- We work together in two projects in the DFG [ocr-d](#) initiative



Why agile project management?

Waterfall product management

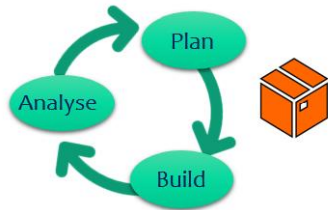


Why agile project management?

Waterfall product management



Agile product management

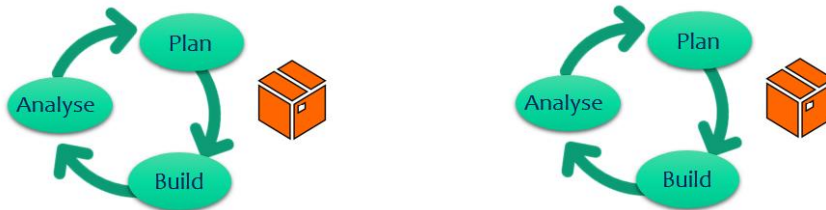


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Agile product management

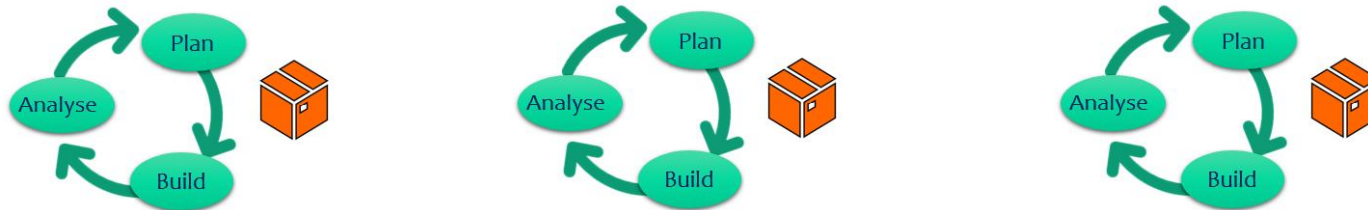


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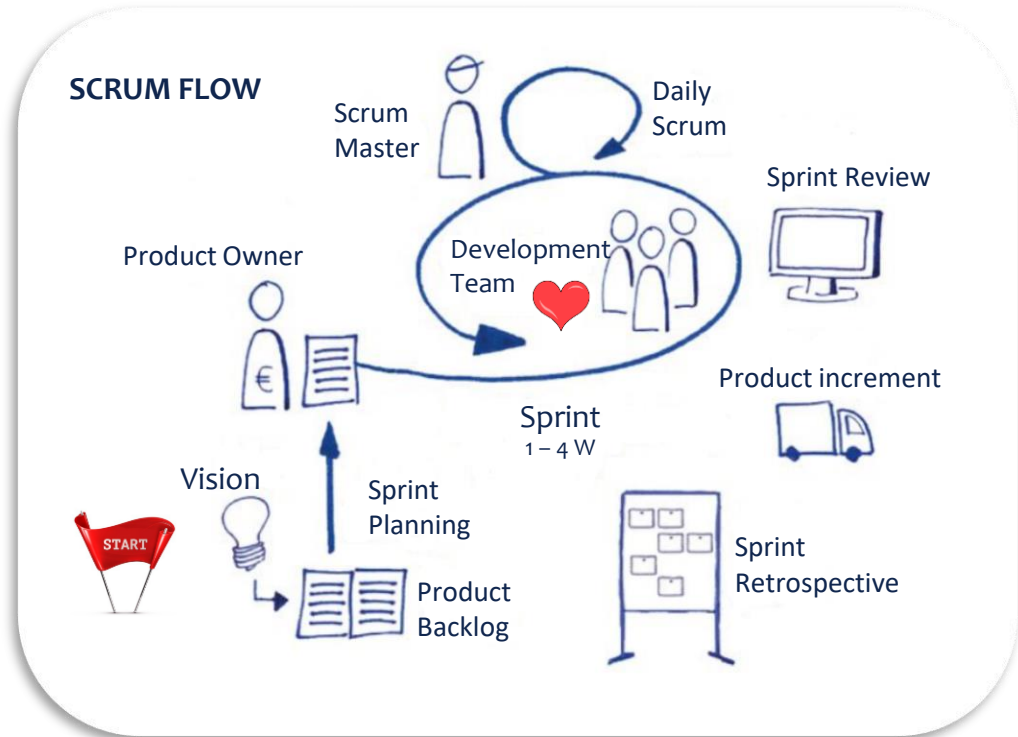


Agile product management



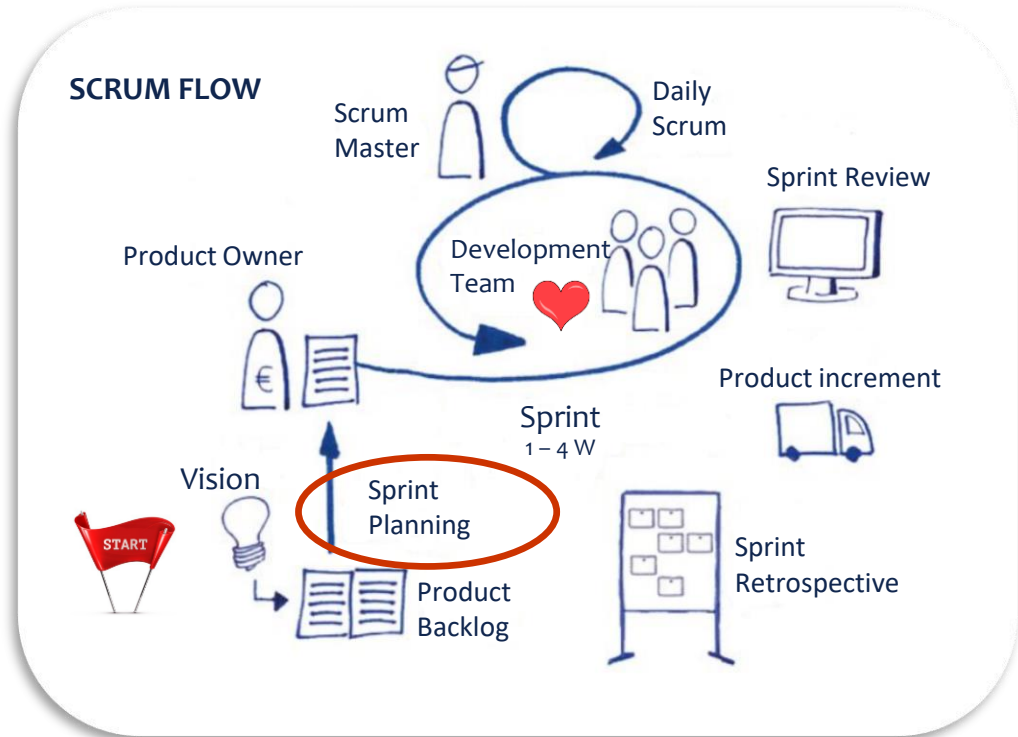
Scrum Process

Events helpful for the communication structure



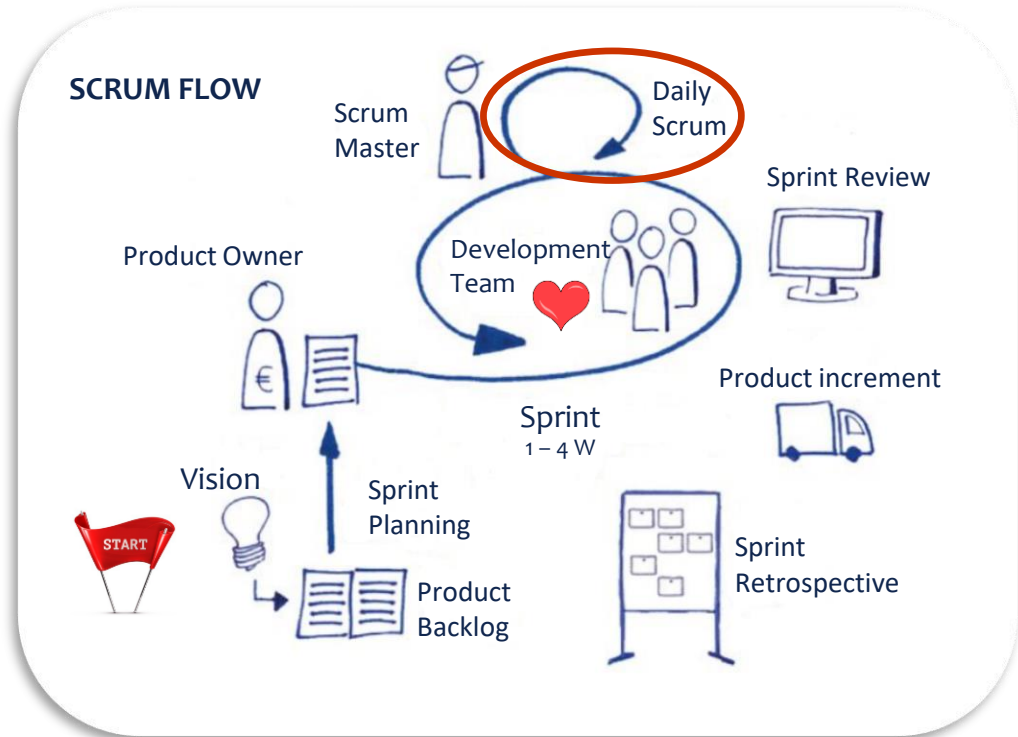
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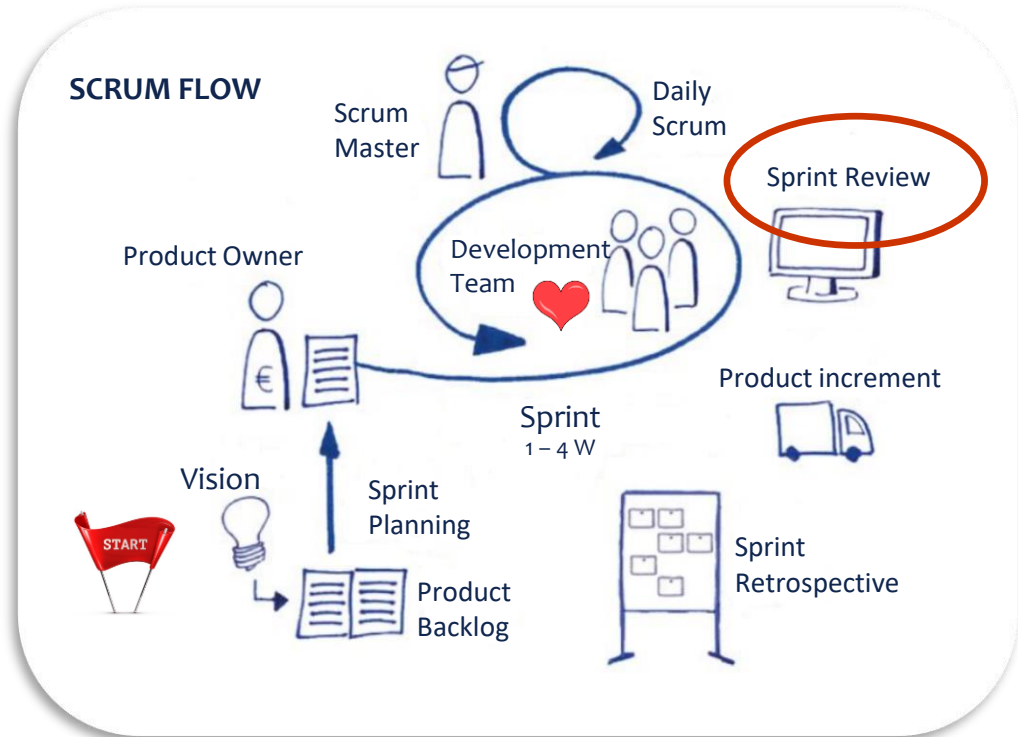
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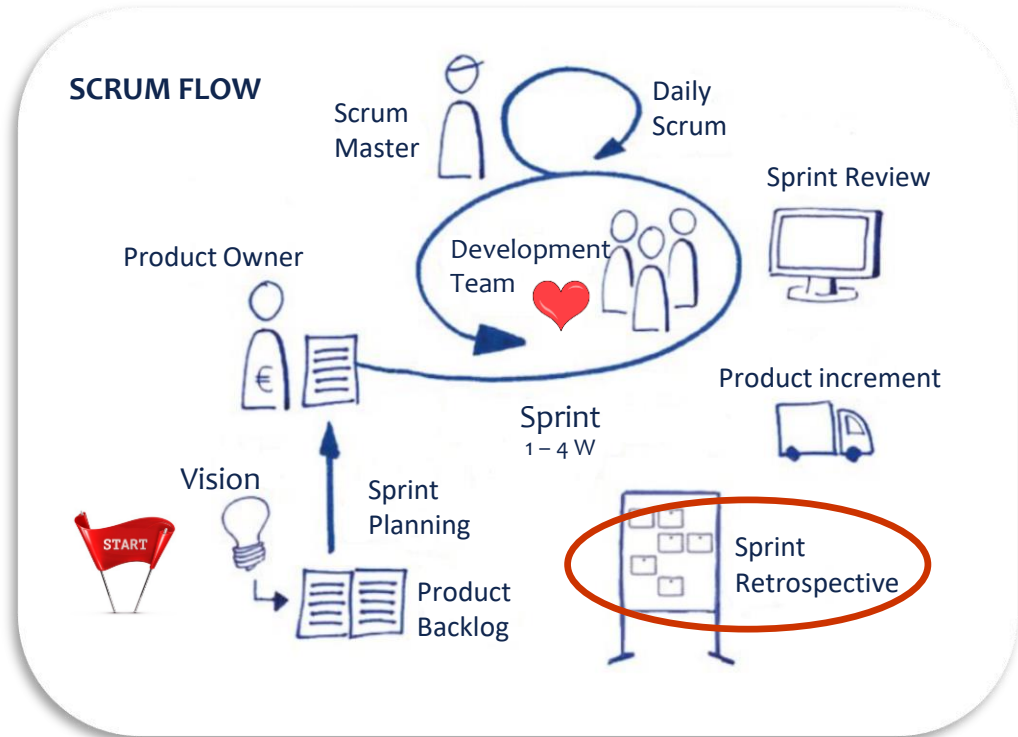
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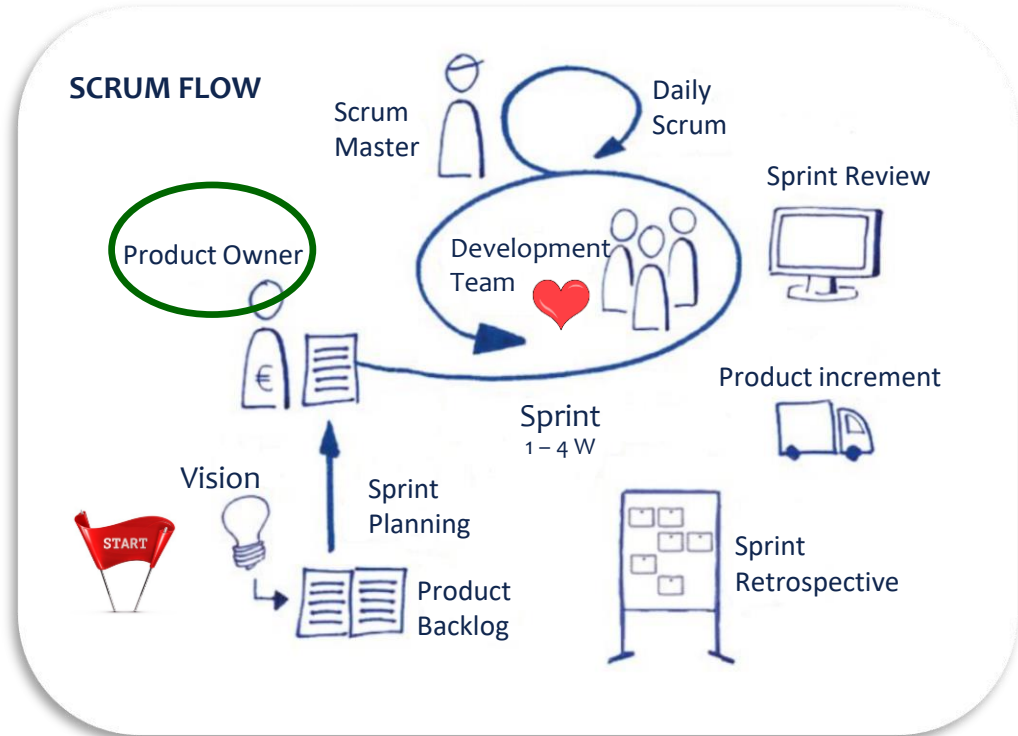
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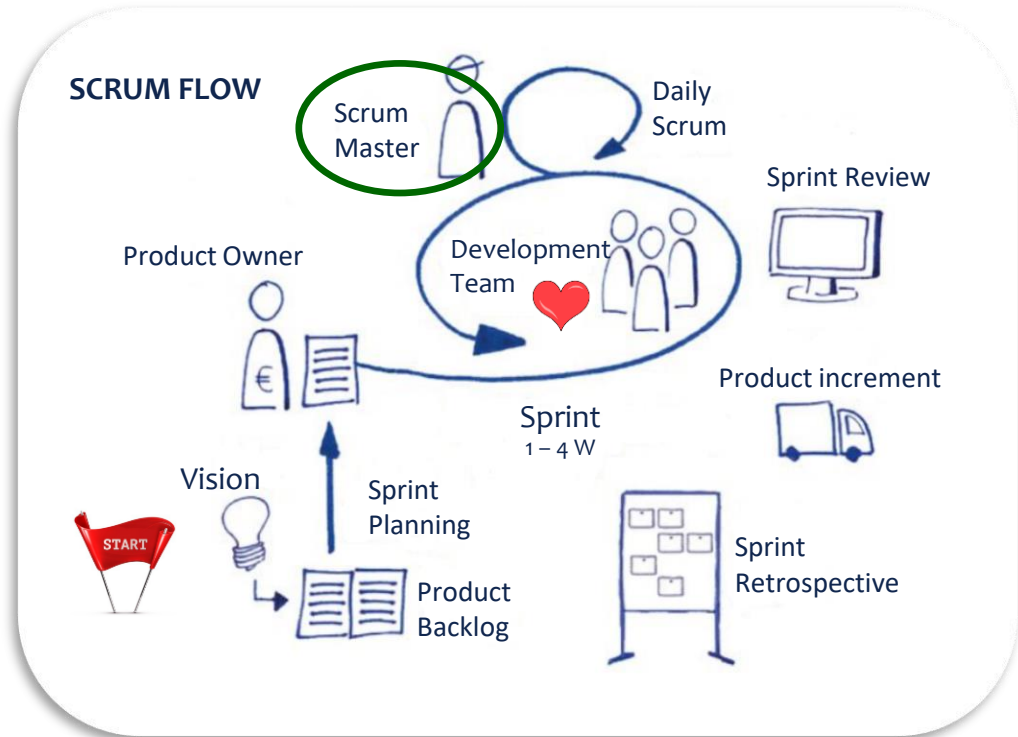
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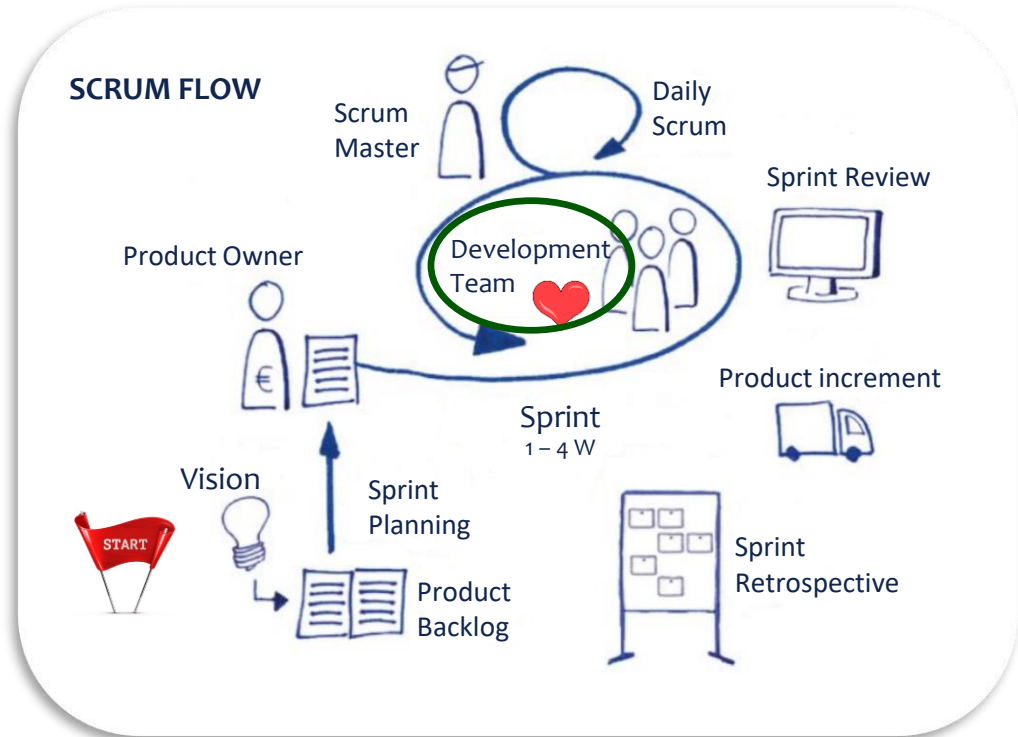
Scrum Process

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Scrum Process

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The Scrum Values

Scrum Values

Openness



Scrum Values

Courage



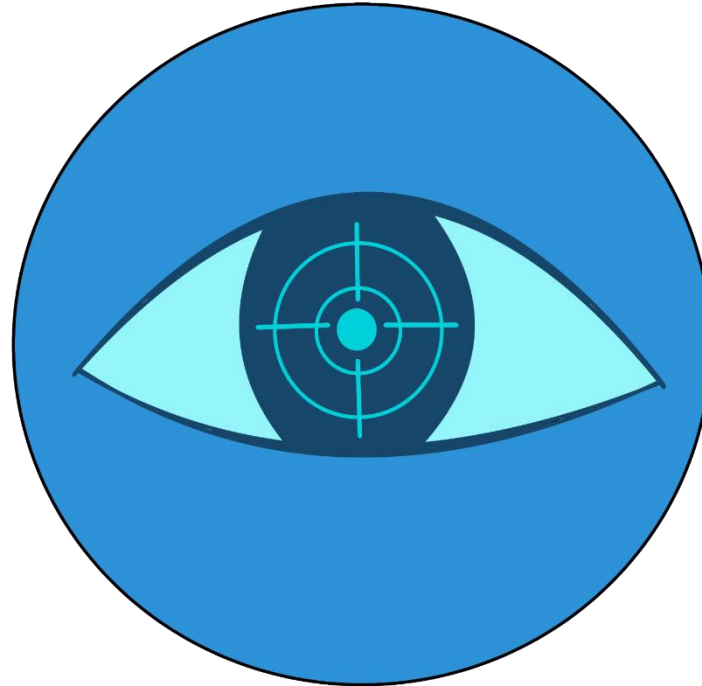
Scrum Values

Respect



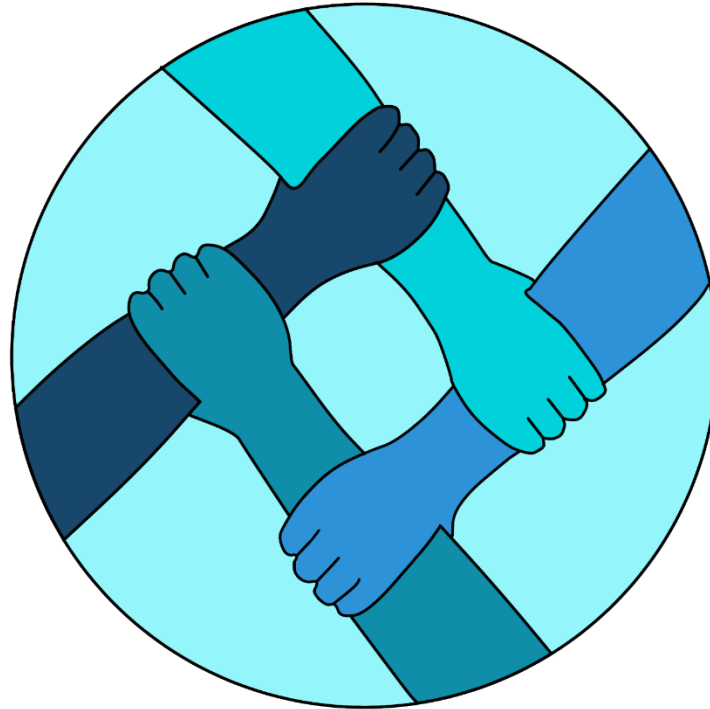
Scrum Values

Focus



Scrum Values

Commitment



Project challenges

- Complex project goals
- Unclear and changing requirements
- Cooperation with other organisation(s)
- Stakeholders with various interests

How is Scrum helping?

- Incremental approach (4-week sprints)
- Regular review sessions with stakeholders
- Communication – team support
- Continuous improvement

Thank you!