

# Cheat Sheet "Scrum Theory" Gruppe 1

## Scrum-Definition

- lightweight framework, simple, purposefully incomplete
- solution for complex problems
- generate value
- provide rules relationships and interactions

**Scrum Master** foster an environment where:

1. Product Owner -> responsible for product backlog
2. scrum team -> turns a selectin of work into an increment of value
3. Scrum team -> inspect results and adjust for next sprint
4. Repeat

## Scrum Theory:

Founded on ...

Empiricism: -knowledge comes from experience

-making decisions based on what is observed

Lean Thinking: reduce Waste, focuses on the essential

Scrum -optimize predictability

-to control risk

Four events for inspection and adaption

## Scrum Pillars

### Transparency

- be visible to Scrum Team and Stakeholders
- decisions are based on the perceived state of its three formal artifacts
- **Inspection:** artifacts + progress -> towards agreed goals -> frequently and diligently inspection-> > detect undesirable variances/problems
  - HOW? In form of its five events -> inspection enables adaption inspection without adaption -> pointless
  - Scrum events provoke change
- **Adaption:** if process is outside acceptable limits/resulting product is unacceptable -> adjustment must take place
  - ASAP -> minimize further deviation
  - Adaptation -> difficult when people involved are not empowered or self-managing
  - Scrum Team adapts in the moment they learn anything new through inspection

**Scrum Values:** Commitment, Focus, Openness, Respect, and Courage

ST commits these **values**

The **Values** focus the Sprint to reach the goals

ST members respect each other: to be capable, Independent people and are respected as such by the people with whom they work.

**Values** give direction to the ST regard to Work, actions & behavior

Decisions, steps taken and the way Scrum is used ==> should reinforce **values**

ST learns and explore the **values** as they work with the Scrum events and artifacts.

When **values** are embodied by ST => the empirical Scrum pillars of transparency, inspection, and adaptation ==> life building trust.