Scrum Theory :

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- **3 Pillars** : Transparency, Inspection, Adaptation
- **5 Values** : Commitment, Focus, Openness, Respect and Courage
- Scrum is a **framework** that **eliminates complexity** - It is founded on **emprisim** and **Lean Thinking**

Scrum Team :

- 10 or less people
- Member of Scrum Team : PO (1), Scrum Master (1), Developers (Many)

Roles :

⤵️	PO	Dev Team	SM
PO *(1 person)*	Maximizing the value of product. Ordering PBLI. Communicate about the PBL		Help find techniques for effective PG & PBM.
Dev Team	Answers questions about Product Backlog	Creating any aspect of usable increment ech sprint. Ensure quality.	Remove impediment, coaching teams
SM *(1 person)*			Responsable of artefact transparency. Ensure Scrum events take place
StakeHolder	Give Informations, insure transparency of PBL	Meet at Sprint Review	Facilitate Stakeholder collaboration

Scrum Events :

Event :	Sprint	Sprint Planning	Daily Scrum	Sprint Review	Sprint Retro
Duration	1 month or less	8h	15m	4h	3h
PO	Mandatory	Mandatory	Not allowed	Mandatory	Mandatory
Dev Team	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
Scrum Master	Mandatory	Mandatory	Just to ensure it is less than 15' and for removing impediment	Mandatory	Mandatory
Stakeholder	Not Allowed	Allowed	Not allowed	Mandatory	Not allowed
Input	Stakeholder feedback	Stakeholders eventually. PBL	Devloppers	Inspect last sprint & Increment. Get feedback from Stakeholder	Individuals interactions, process, tools, definitions of done
Output	Product Backlog, Increments	Sprint Backlog (PBLI + Plan to do it)	Reduce Complexity	New PBLI for the PBL	Plan to increase quality and effectiveness

Scrum Artefacts :

Artifact	Product Backlog	Sprint Backlog	Increment
Definition :	PBLI ordered by PO	PBLI selected for this Sprint **plus** the plan for delivering them	PBLI who meet the DoD
Commitment ?	Product Goal	Sprint Goal	Definition of Done
Responsible / Accountable and can modify ?	PO	Dev Team	Scrum Team
Can stop it ?	Never (*unless the product is ending*)	PO (Only if Sprint Goal have no sense)	If a PBLI doesn't meet the DoD, there is no increment
Input	The Key Stakeholders feedback, PB	Stakeholder, Last sprint review, PO vision	PBLI whos pass the DoD
Multiple team on same product		Developers pull in work in agreement with the Product Owner.	

Commitment :

Commitment	Product Goal	Sprint Goal	Definition of Done
Definition	Describe the future state of product. It is the WHAT of the project.	Describe a future state of product to plan the sprint. It is the WHY of the sprint.	Formal description of the state of the increment when it meets the quality measure required
When it's created ou Change ?	It is a long terme objective	During the Sprint Planning	During the retro. ⚠️ If multiple teams work on the same product, the DoD is in common at minimum.
Responsible	PO	Dev	Scrum Team

PBL : Product Backlog
PBLI : Product Backlog Item

DoD :Definition of Done
PO : Product Owner

SM : Scrum Master
DEV : Developers