

Course 10

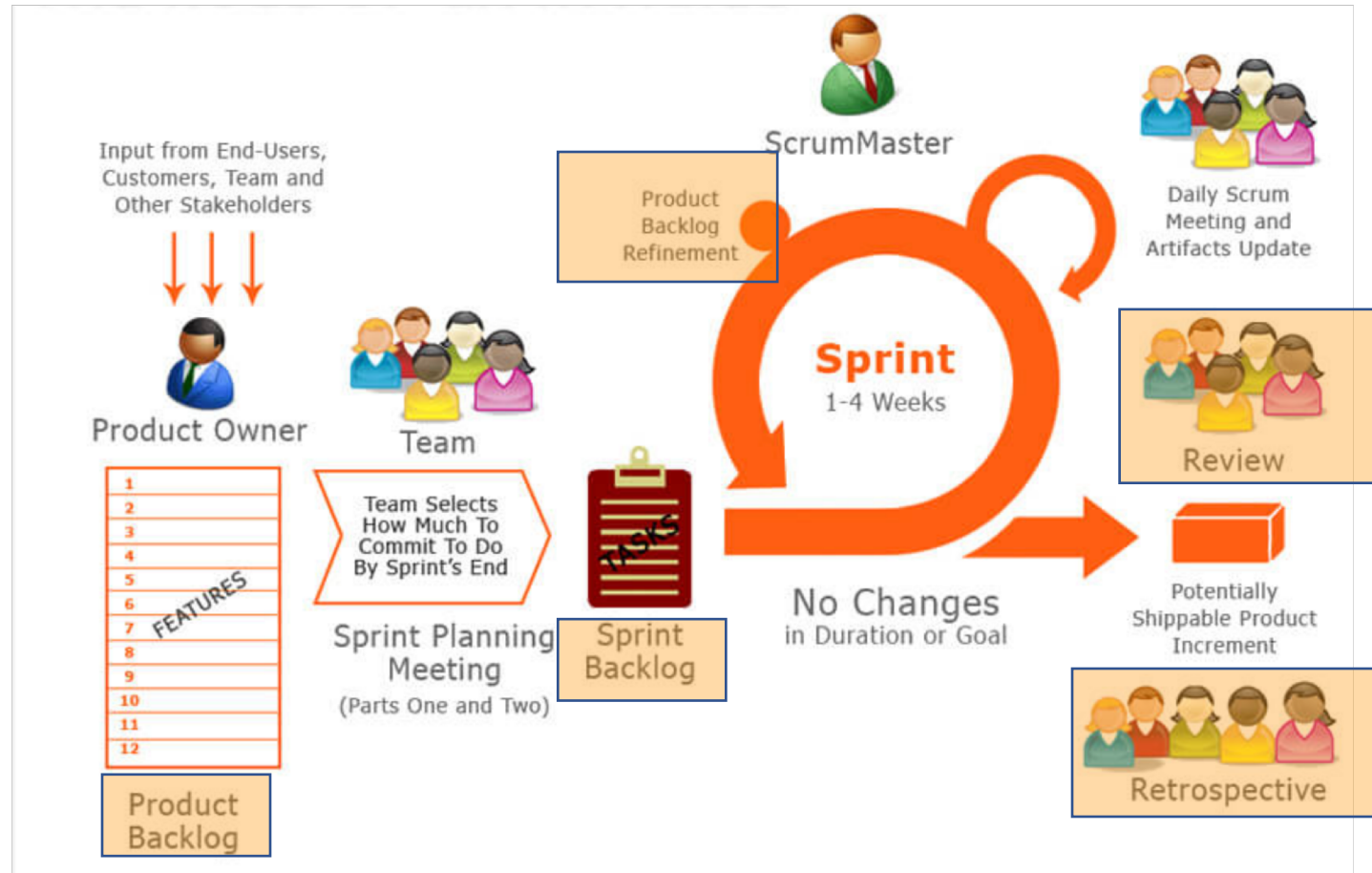
SQ and Agile

Agile methodologies

- **Scrum**
- Kanban
- Adaptive Software Development (ASD)
- Crystal Clear
- Dynamic Systems Development Method
- Extreme Programming
- Feature-Driven Development

Scrum – in short

[[ref - figure](#)]



QA in SCRUM / Agile

- QA is not testing
- Internal auditing
- Responsible:
 - Detect waste
 - Find delays

=> Everyone responsible for QA

Olli P. Timperi - An Overview of Quality Assurance Practices in Agile Methodologies

TABLE IV QUALITY ASSURANCE PRACTICES BY METHODOLOGY						
Quality Assurance Practice	ASD	Crystal Clear	DSDM	FDD	Scrum	XP
Demonstration of software	X	X	X		X	
Joint application development	X		X	X		
Joint planning meeting		X			X	X
On-site customer		X	X		X	X
Prototyping			X			
Automated acceptance testing			X			X
Daily builds with testing		X		X	X	X
General testing	X	X	X	X	X	
Inspections	X			X	+	
Pair programming						X
Test-Driven development						X
Coding Standard		X	X	X		X
Collective code ownership						X
Personal code ownership				X	X	
Refactoring					+	X
X = the practice is used in the methodology						

A. Hossain , A. Kashem , S Sultana - Enhancing Software Quality Using Agile Techniques

