SILK ROAD
PROFESSIONALS
DEVCON

How Agile Masters Deliver Great Software

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According to a 2021 report from the Project Management Institute (PMI)

- 41% were late
- 36% exceeded their initial budget
- 25% didn't meet their goals
- 11% of IT projects failed completely

Project Management Institute.

Goal

How to make successful IT projects?

Why most of the IT projects fail?

Reasons of IT projects can fail

POOR COMMUNICATE BETWEEN BUSINESS AND IT

UNCLEAR EXPECTATIONS

LACK OF INPUT FROM USERS

CHANGE IN KEY PERSONNEL

SCHEDULE OVERRUNS

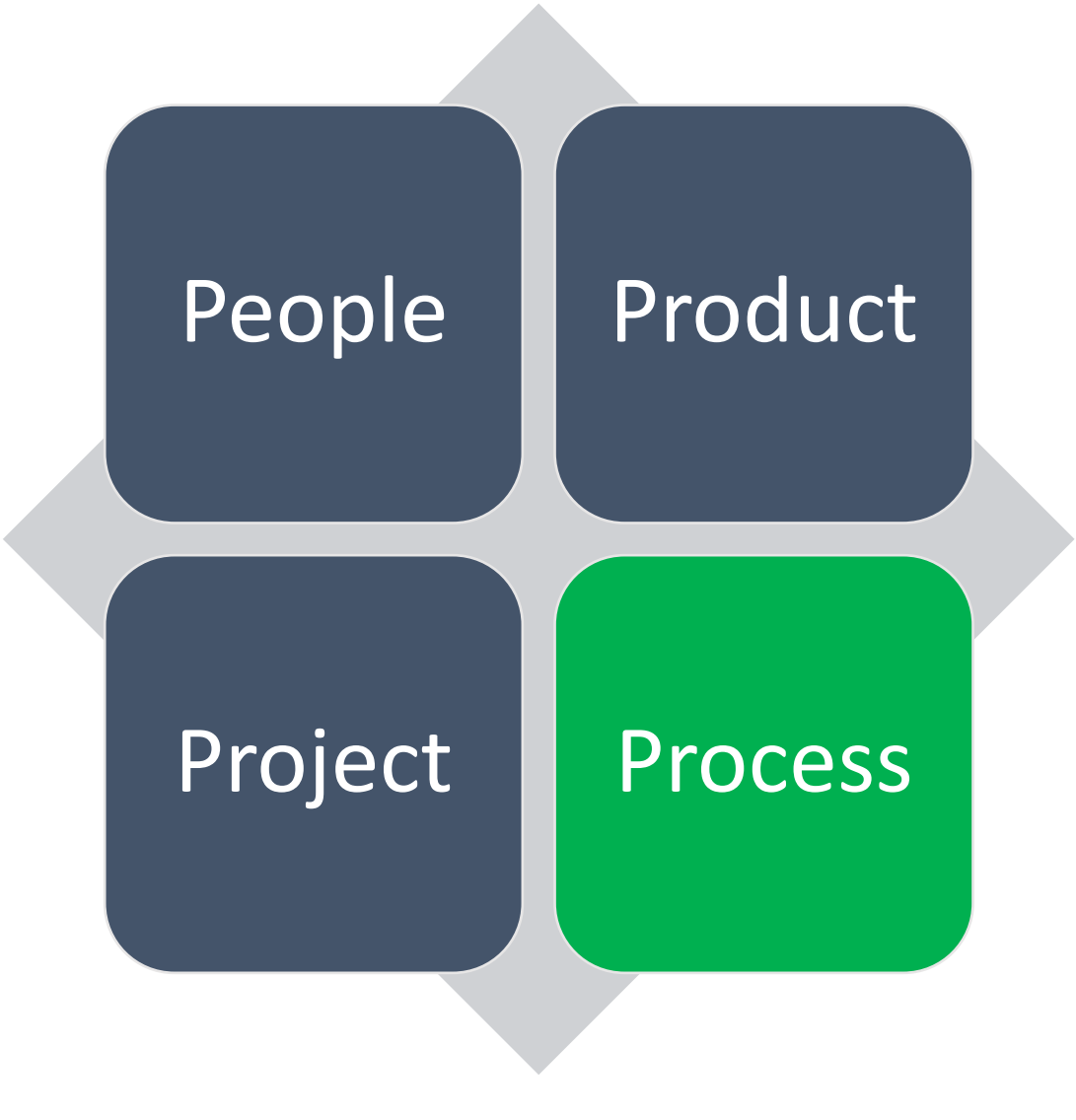
CHANGES IN PROJECT SIZE, BUDGET, AND SCOPE

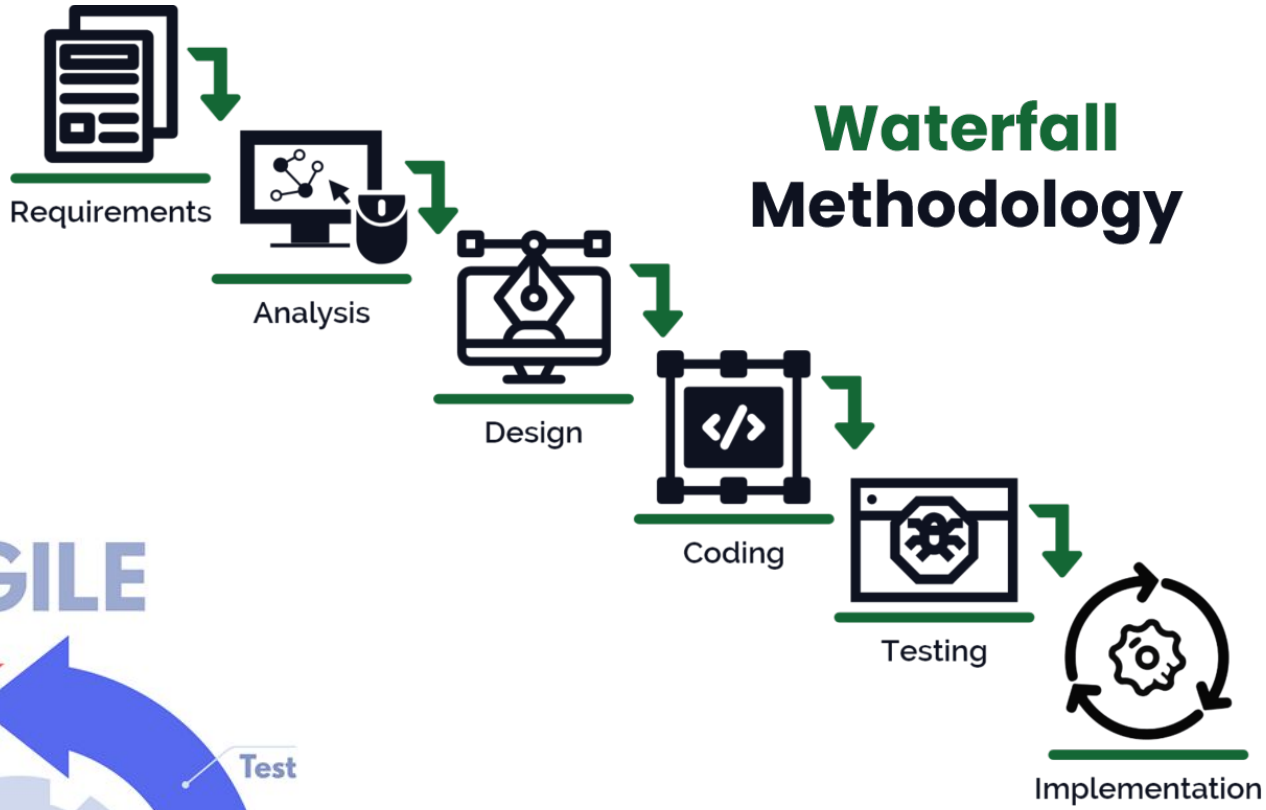
INADEQUATE SKILLS FOR PROJECT COMPLETION

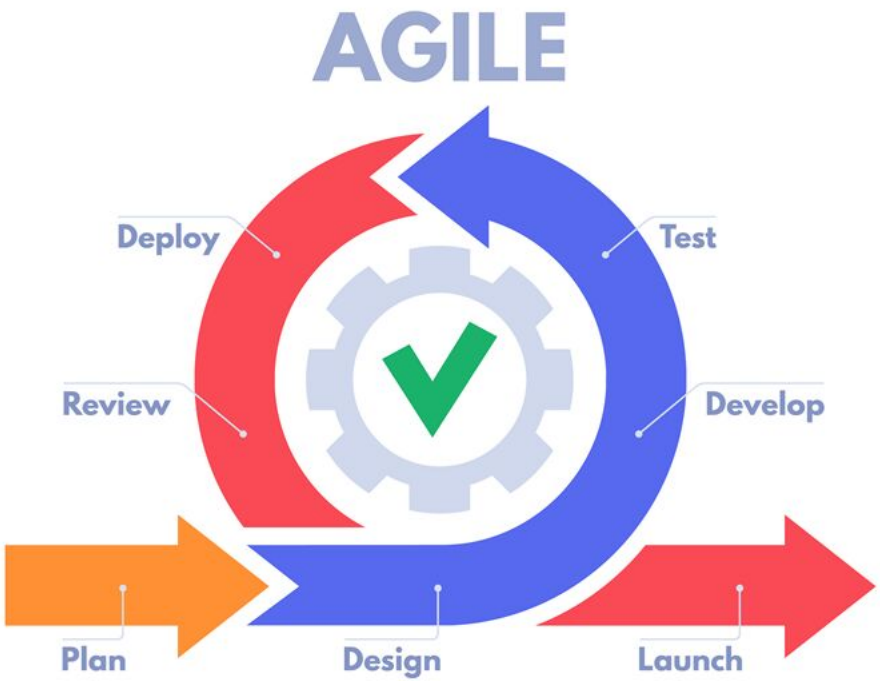
OUTDATED BY THE TIME THEY ARE DELIVERED TO THE MARKET

Project Management

4P in Software Project Planning




Waterfall
Methodology
Requirements
Analysis
Design
Coding
Testing
Implementation


AGILE
Deploy
Test
Review
Develop
Plan
Design
Launch

Agile Manifesto

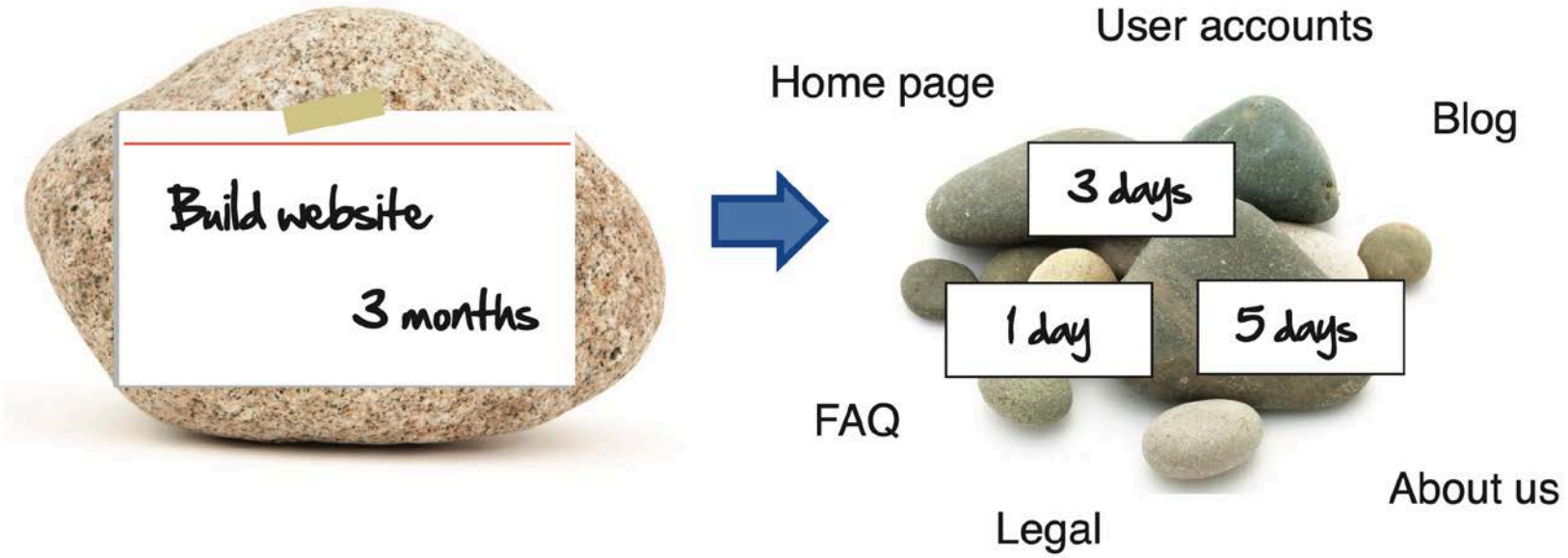
Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

#1. Early continuous delivery



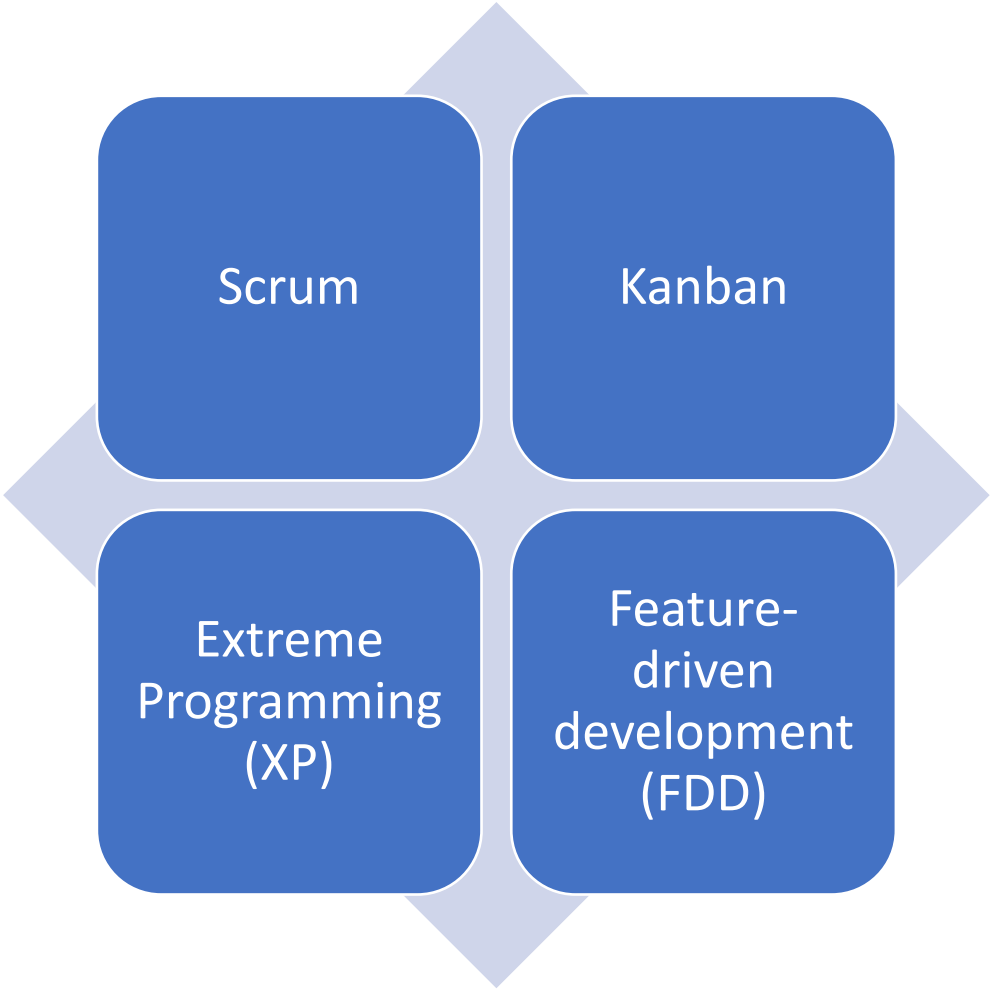
#2. Welcome changing requirements

#4. Client and developers work together

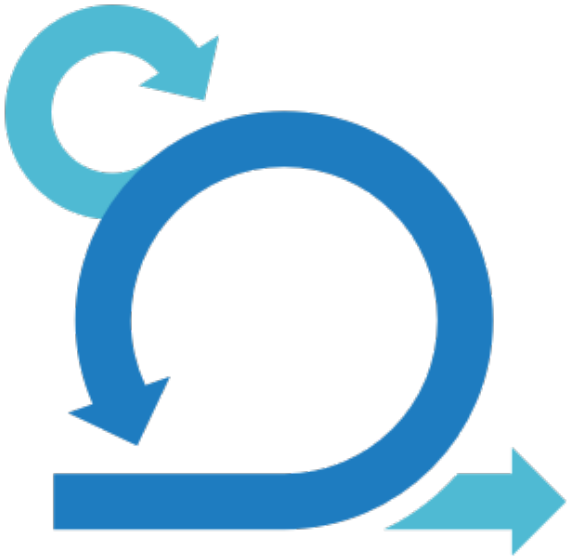
#5. Build project around motivated individuals

#12. Regularly tune and adjust team's behavior

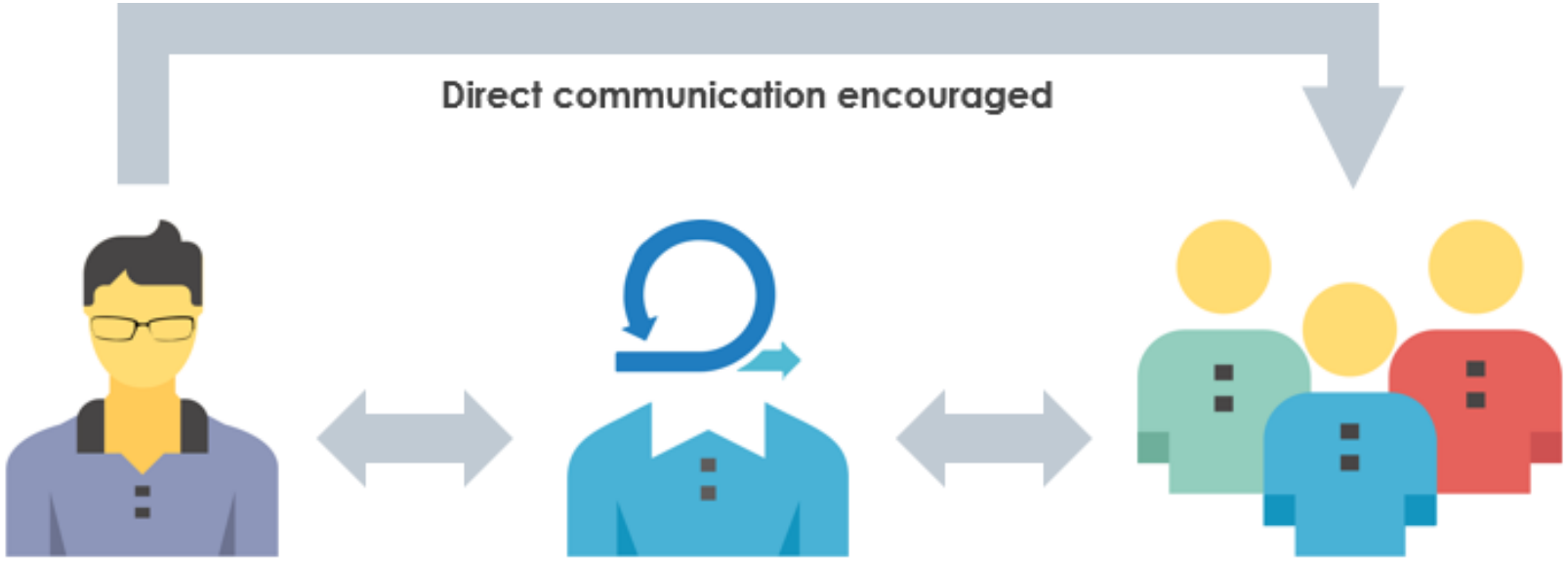
Agile methodologies



Scrum



Scrum Roles



Product Owner:
Owns "what" is desired
And "why" it's desired

Scrum Master:
Keeper of Scrum
Process, facilitator

Scrum Team Members:
Owns "how" and "how quickly"
work is delivered

SELF ORGANIZATION

DESIGN

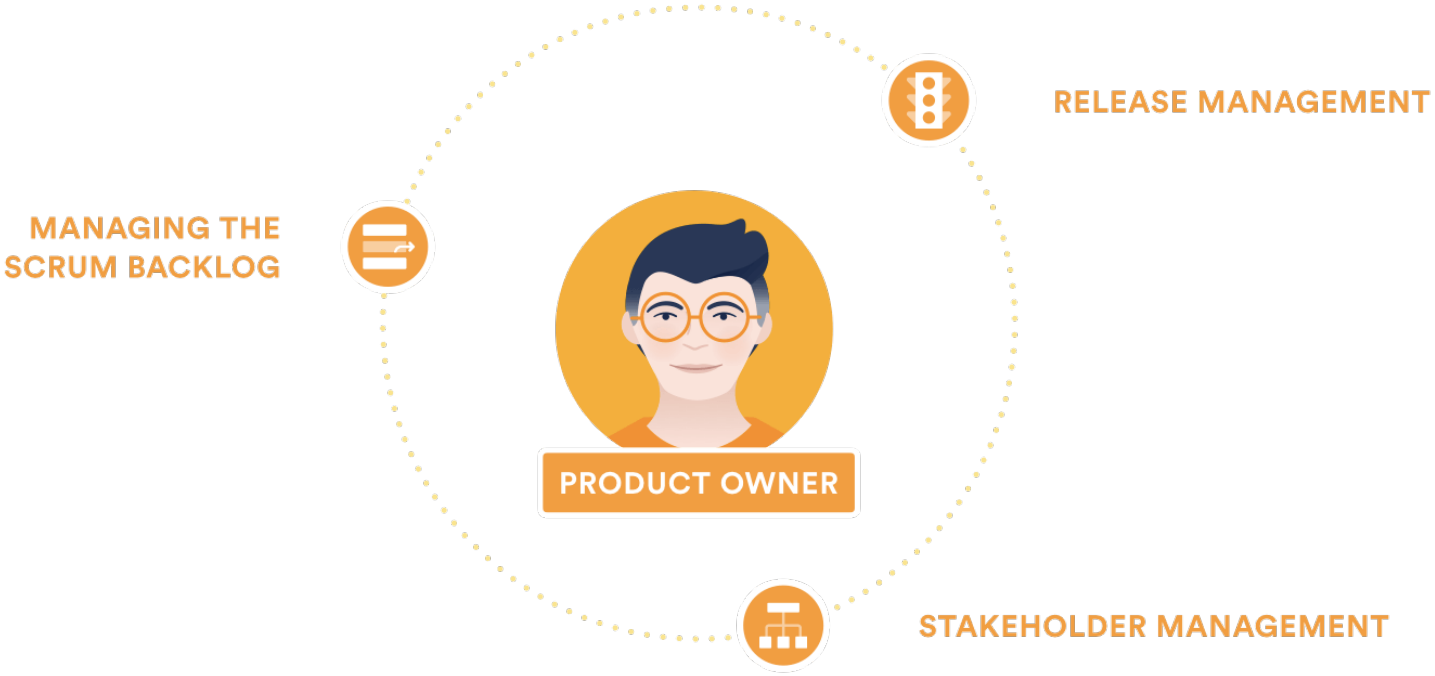
DEVELOPMENT

DEVELOPMENT TEAM

UX

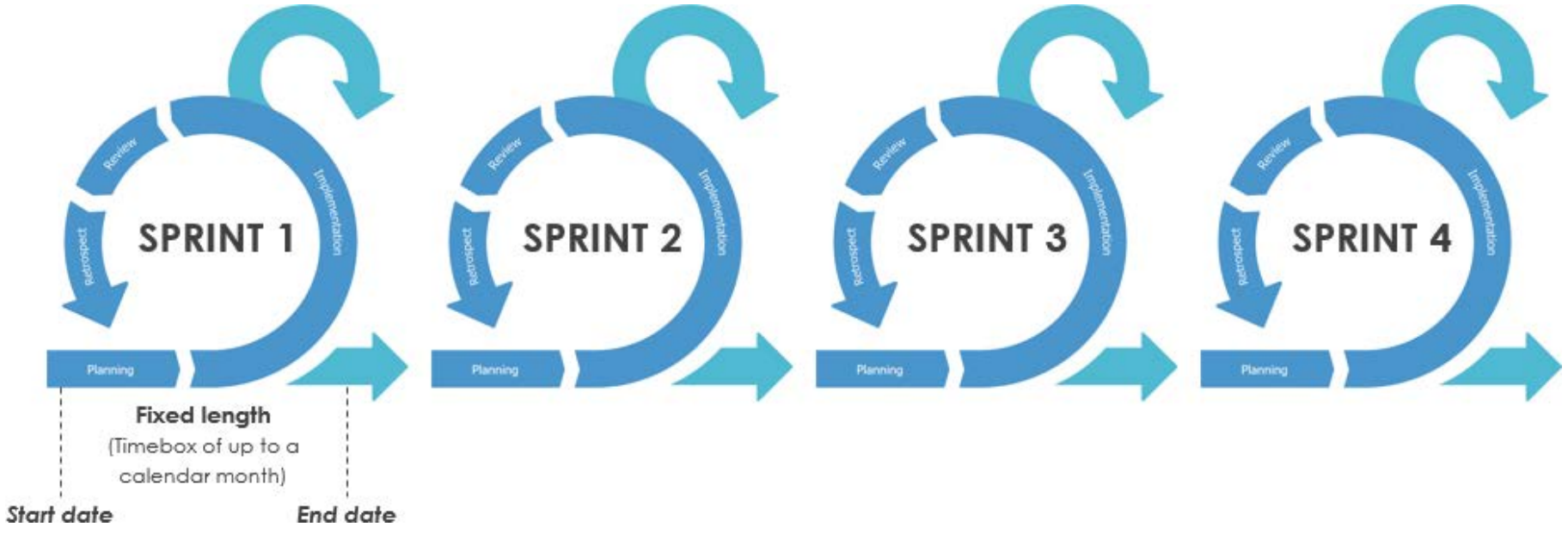
TESTING

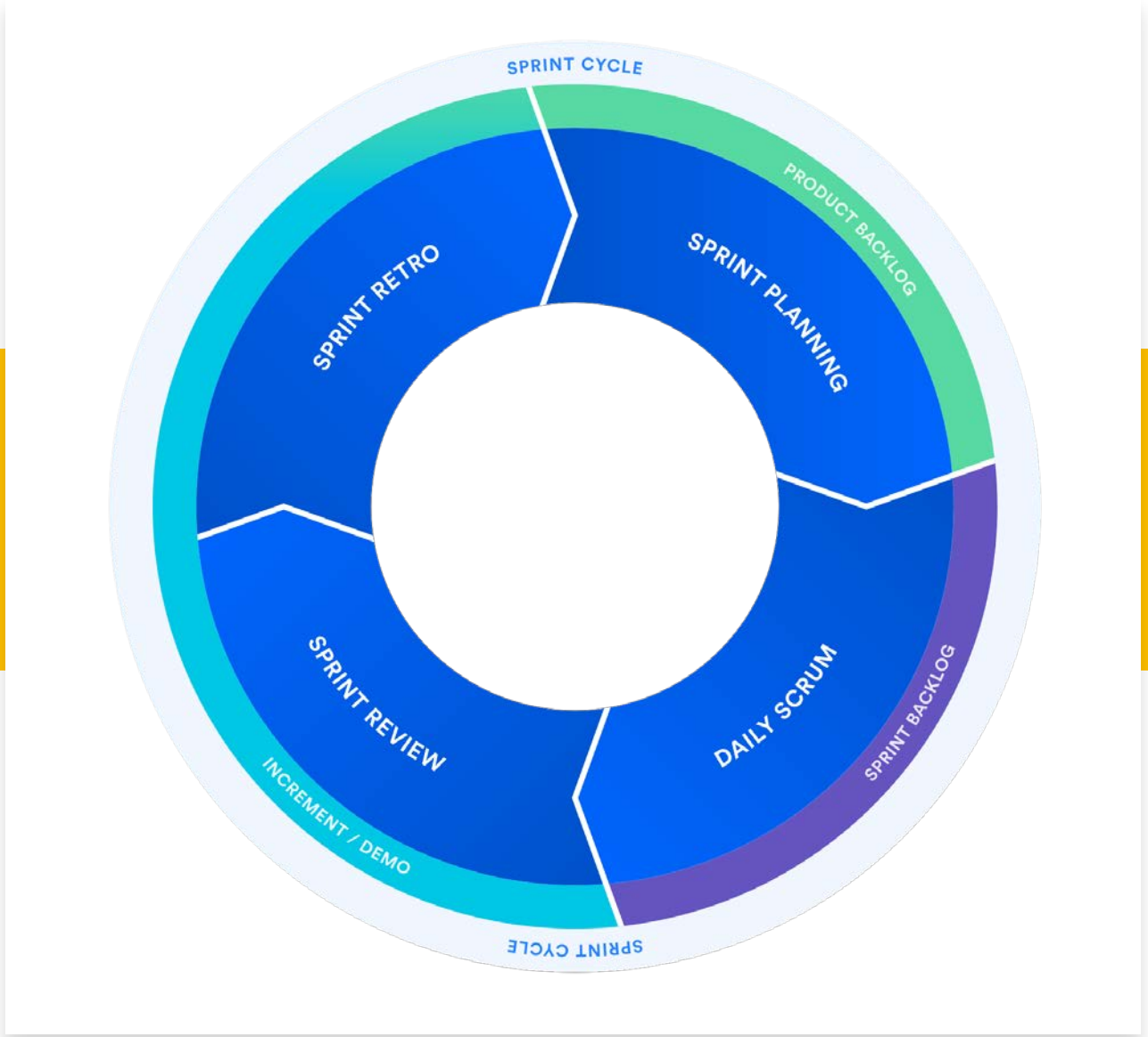
DELIVERY


MANAGING THE SCRUM BACKLOG
RELEASE MANAGEMENT
PRODUCT OWNER
STAKEHOLDER MANAGEMENT

TRANSPARENCY
SELF ORGANIZATION
PROTECTING THE TEAM
EMPIRICISM
SCRUM VALUES
REMOVE BLOCKERS
SCRUM MASTER

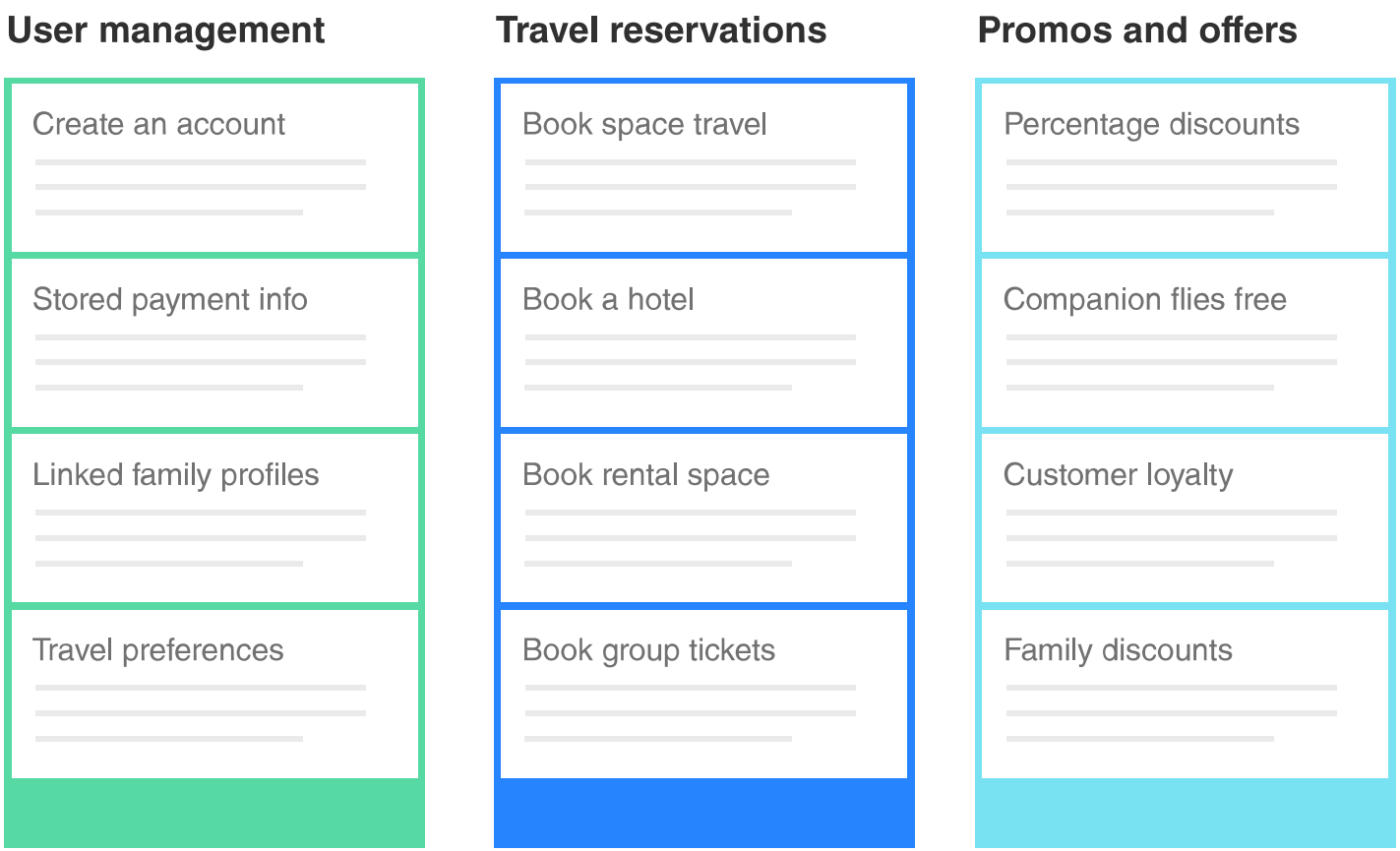
Scrum Sprints



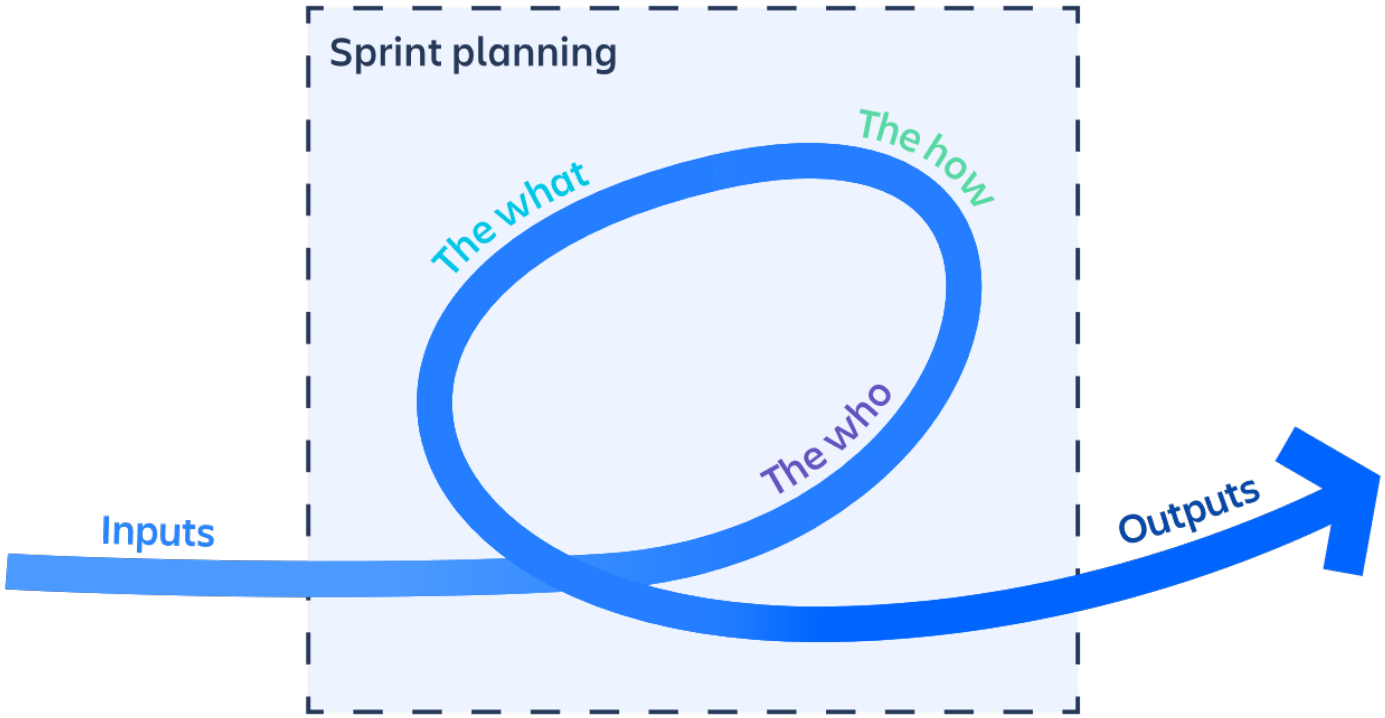


Plan and execute scrum sprints

Sprint Backlog

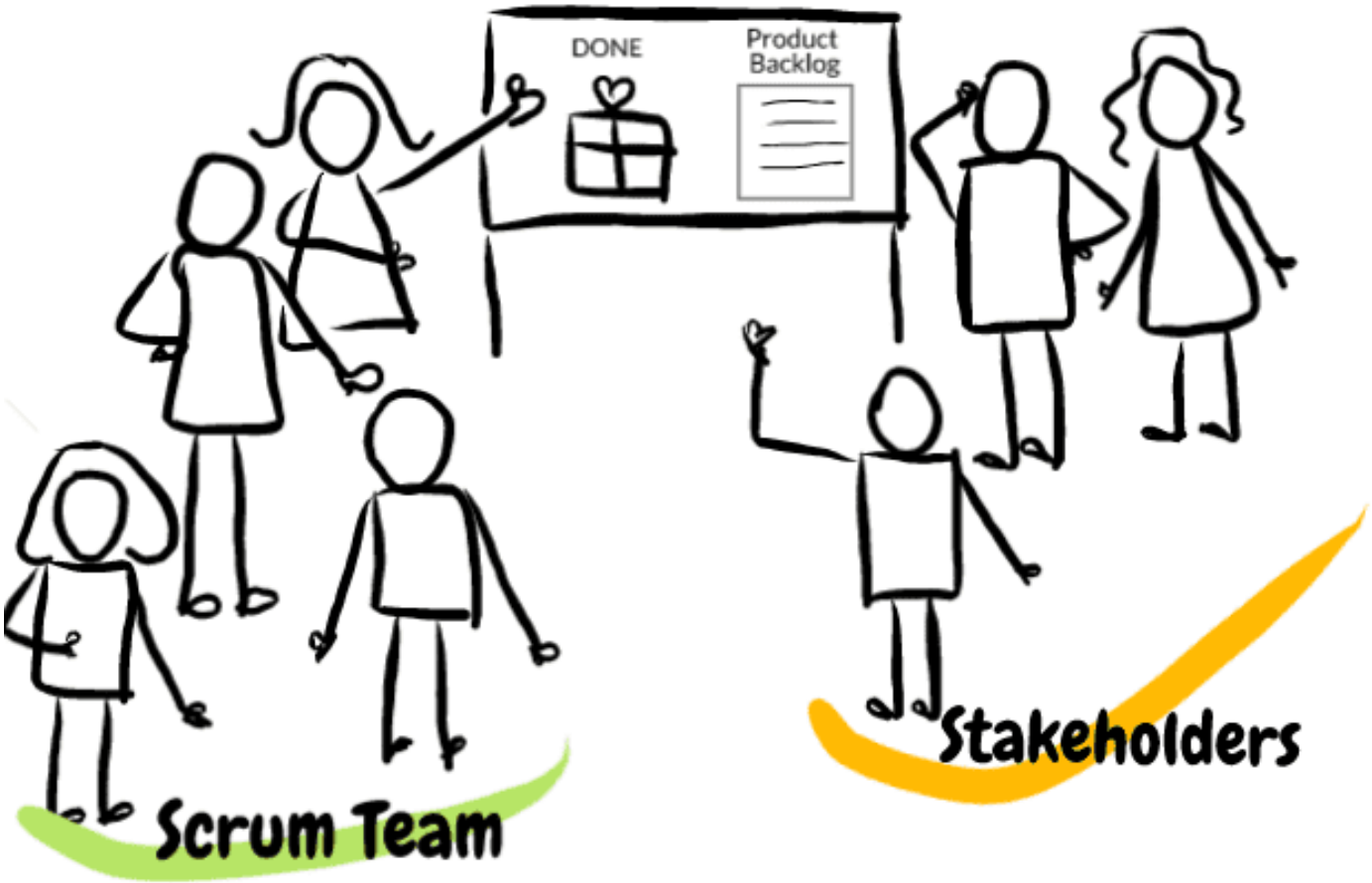


Sprint planning

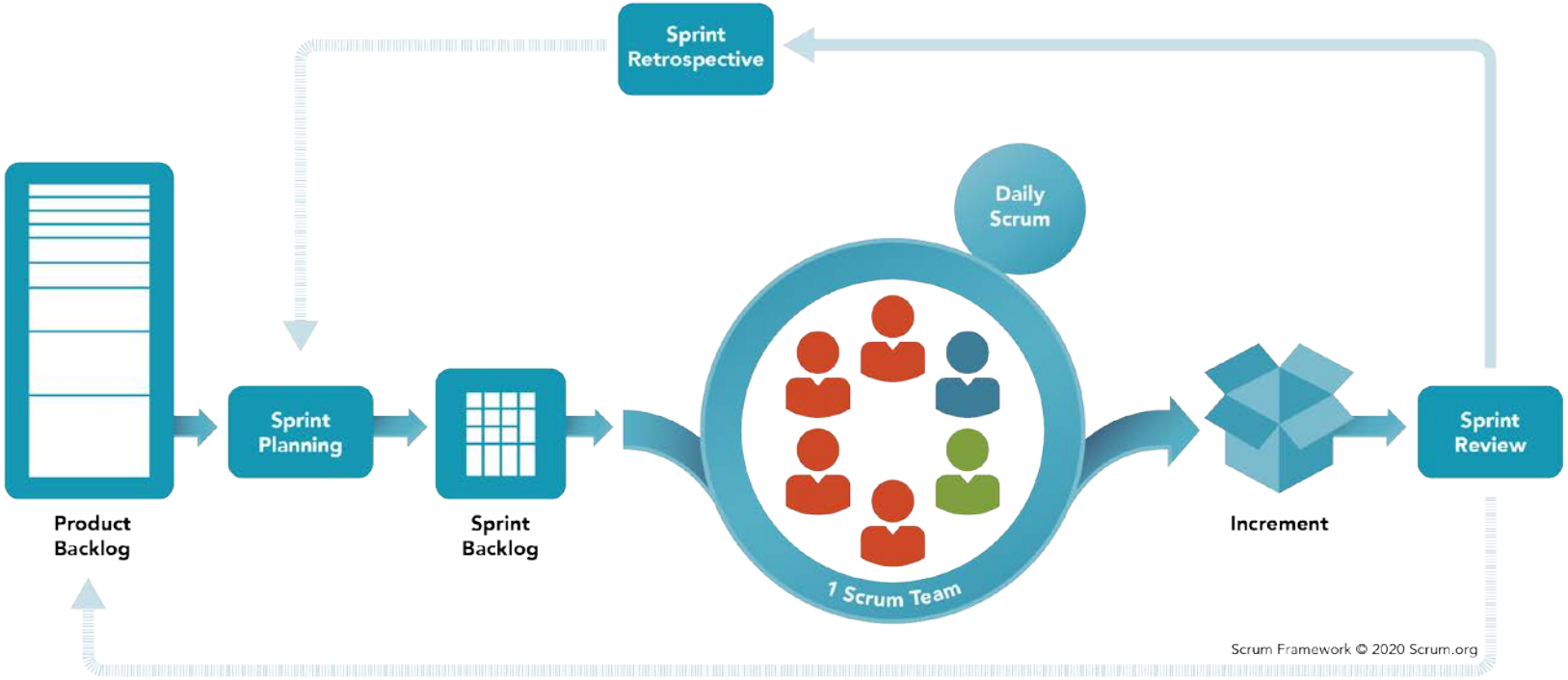


Daily Scrum

Sprint Review (Demo)



Sprint Retrospective


Sprint Retrospective
Daily Scrum
Product Backlog
Sprint Planning
Sprint Backlog
1 Scrum Team
Increment
Sprint Review
Scrum Framework © 2020 Scrum.org

Platforms for using Scrum

Scrum in Silk Road Professionals

SINCE 2014

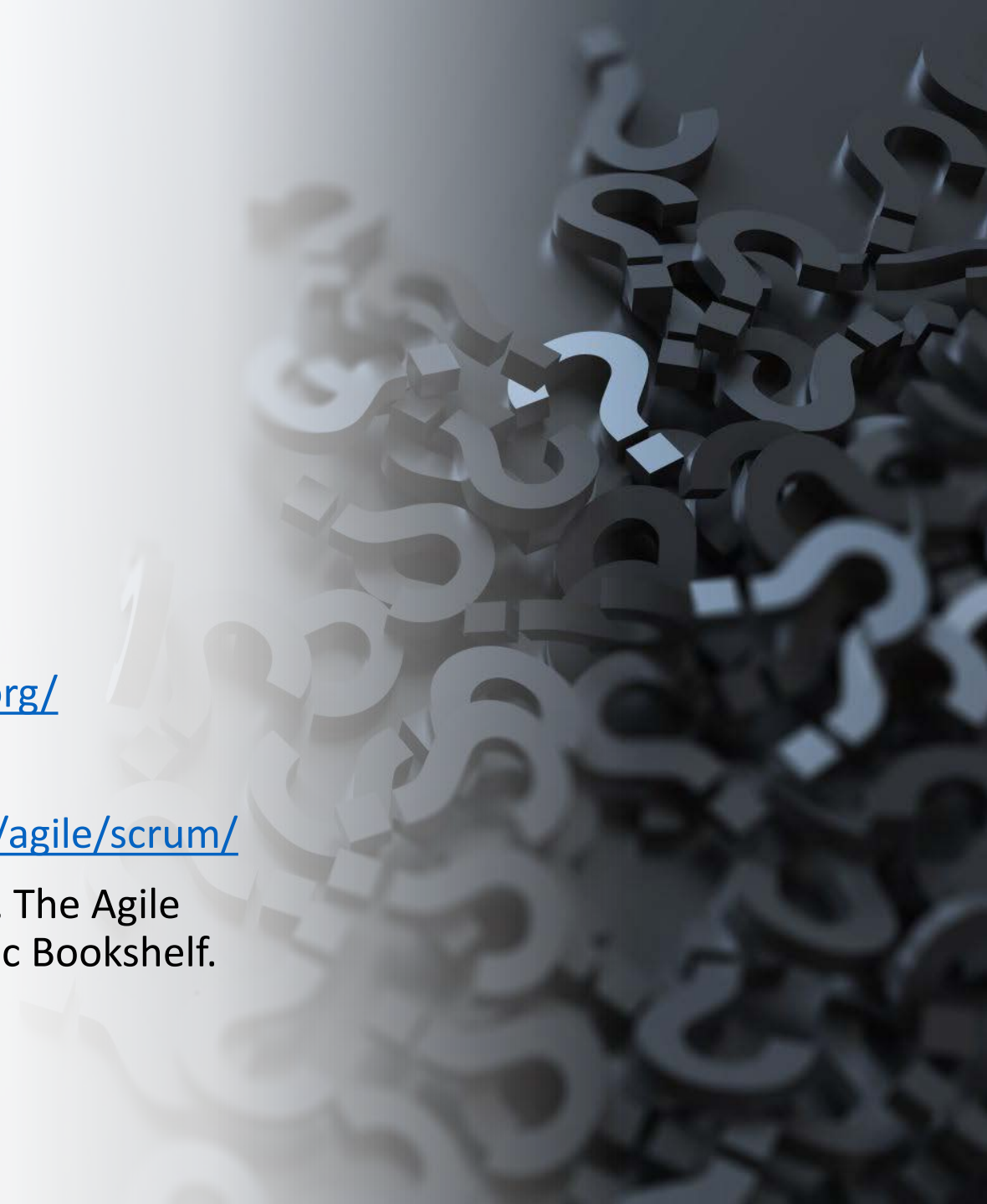
Summary

The reasons of why IT projects can fail?

Agile manifesto

Scrum methodology

Thank you!



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