

Agile S oftware Development

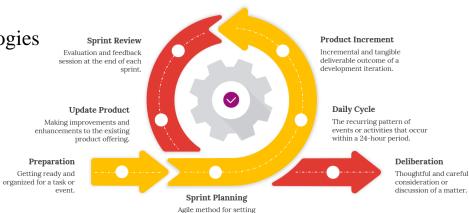
Best Practices and Implementation

Introduction

 Agile is a software development methodology that emphasizes flexibility, collaboration, and iterative progress.

• Origin:

Response to rigid waterfall methodologies Focuses on adaptability and customer satisfaction.



goals and prioritizing tasks.

Agile Manifesto

Technical Excellence



Advantage S

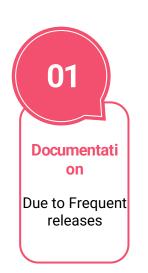
Iterative Progress Frequent Delivery of Product



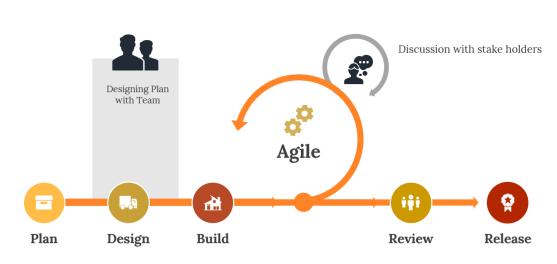




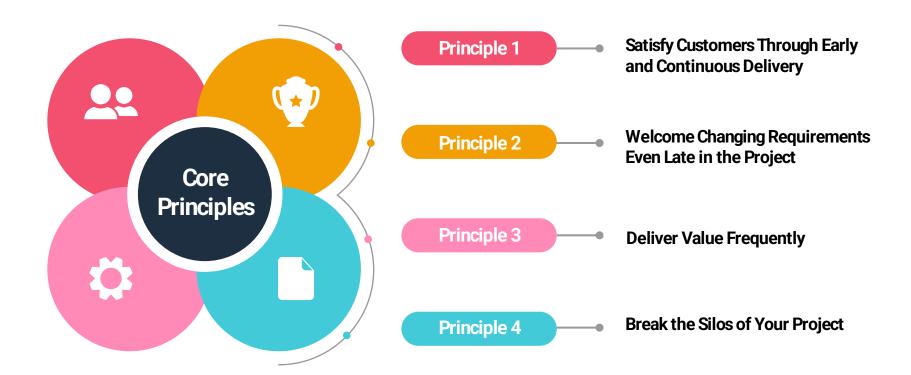
D isa dva nta ges



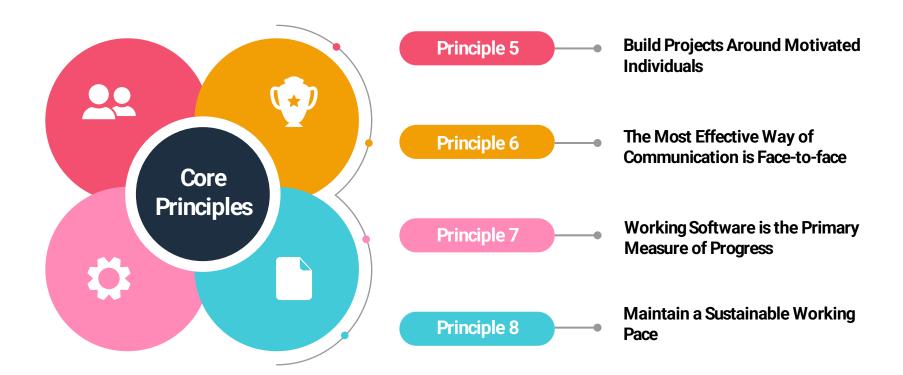




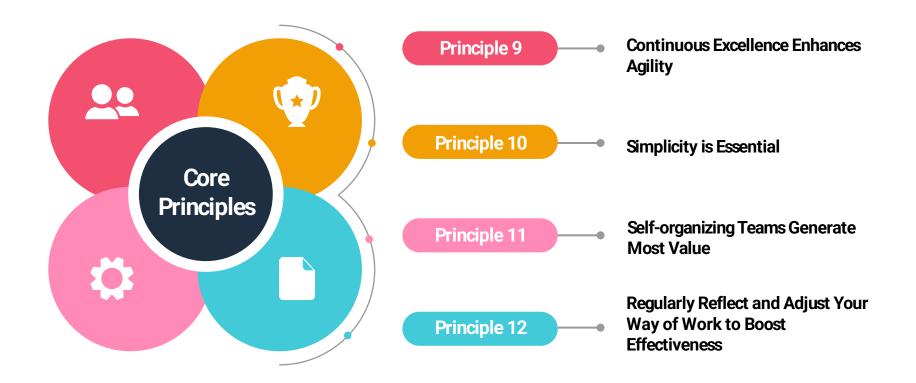
Agile Principles



Agile Principles



Agile Principles



Agile F rameworks

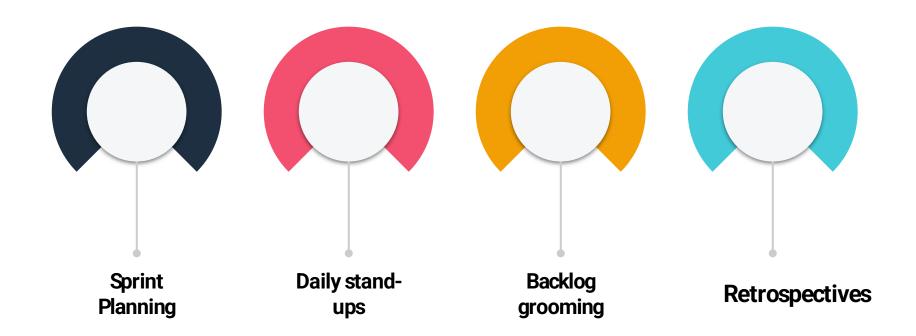


Focuses on visualizing workflow and limiting work in progress (WIP)

Framework with defined roles, ceremonies and artifacts



Agile Practices

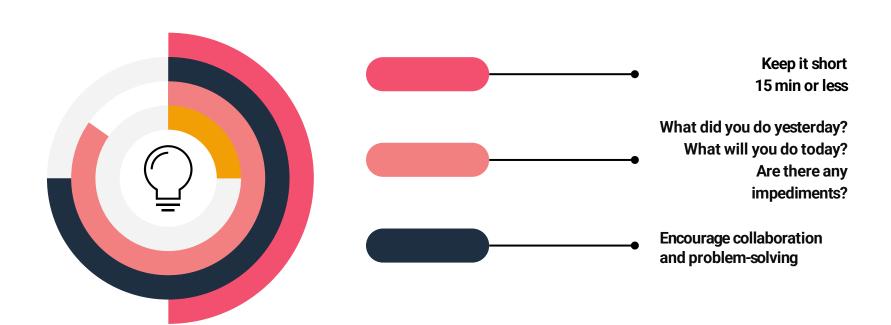


S print Planning

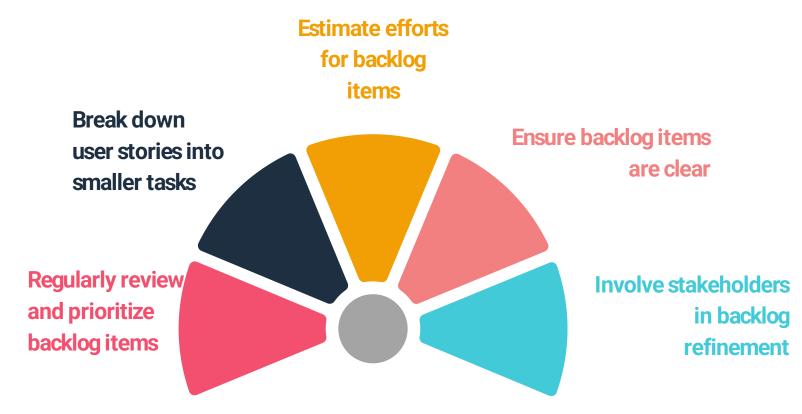
Sprint backlog



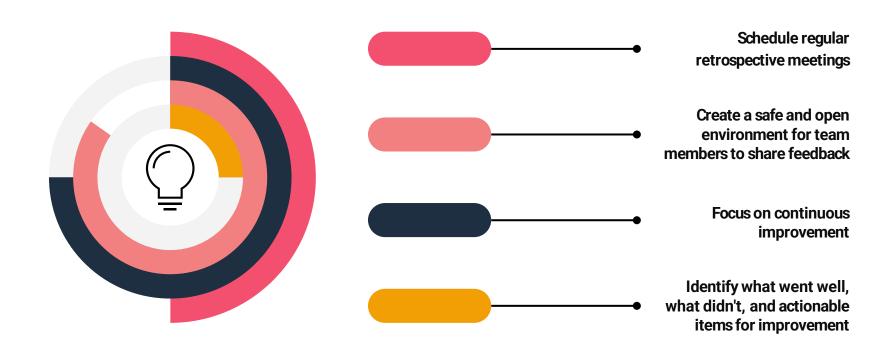
Daily Stand-ups



Backlog Grooming

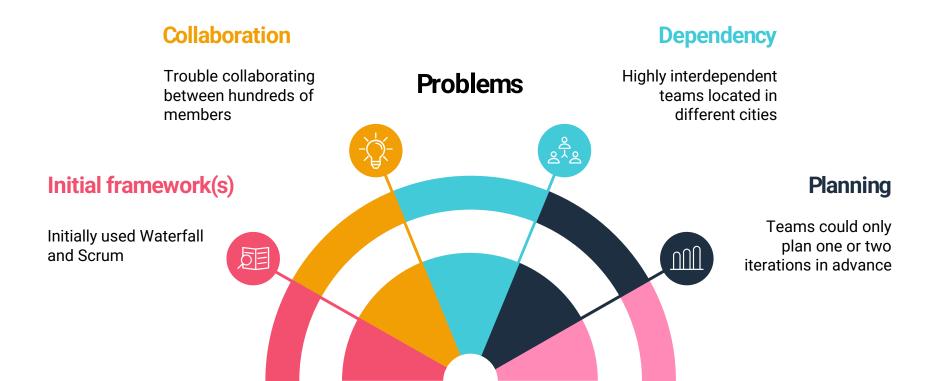


R etrospectives



R eal World Example

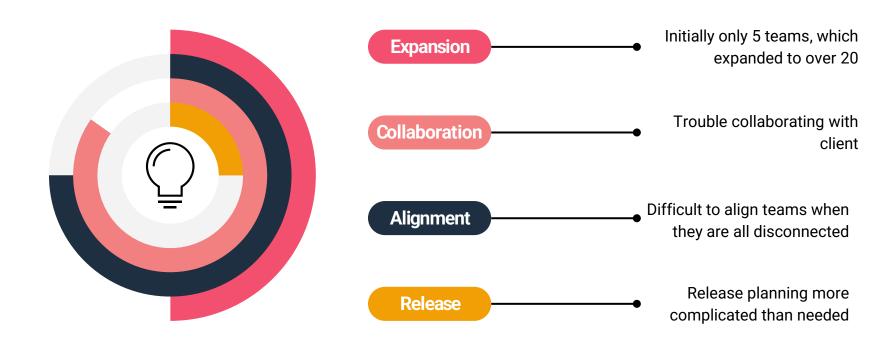
PlayS tation Network



S olution?



LEGO Digital S olutions



S olution



Framework

Opted for the SAFe framework



Dependency

Reduction in dependency issues



Planning

Improved planning and execution



Execution

Gradually trained the team managers



Improvement

Innovation is improved as a result of issues being solved

S ummar y

Agile

Introduction

Flexibility Colaboration Iterative Progress

Advantage

+Time



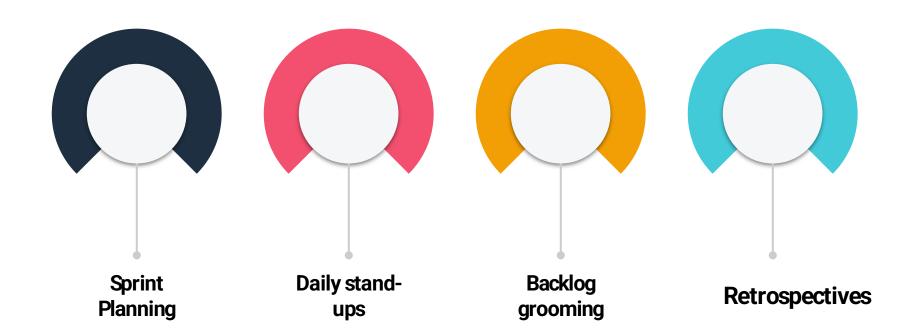
Frameworks

Kanban Scrum Safe(Scaled)

Disadvantage

Documentation Maintaince

Agile Practices



Real Life Examples

