



Agile

Fortune Ndlovu - Agile Practitioner Intern



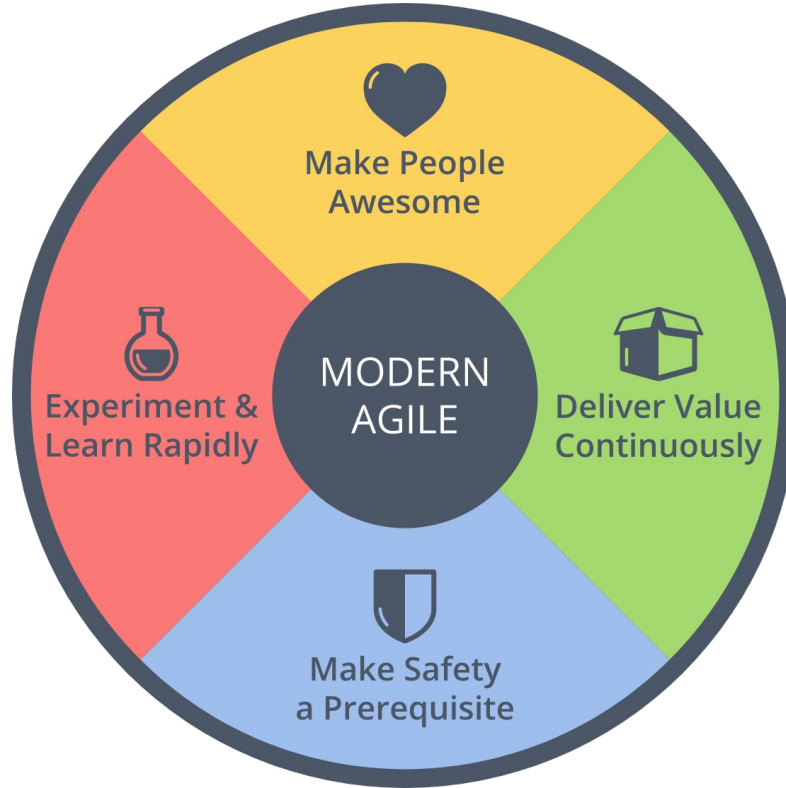


Contents

1. What is Agile
2. The history of Agile
3. Agile at work
4. How you can apply it in your studies
5. What is Scrum
6. The history of Scrum
7. Scrum at work
8. How you can apply it in your studies



This is what “Agile” is all about



It is NOT
a
defined
Process





Agility is the ability to adapt and respond to change quickly,

but agile is more than that. Agile is a set of values and principles that guide how software development teams work together and deliver value to their customers.





Agile 101: A quick refresher!

- The history of Agile
 - Manifesto
 - Values
- Comparison to Waterfall
 - Quality
 - Evolving Requirements
 - Market Conditions





Agile 101: The 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



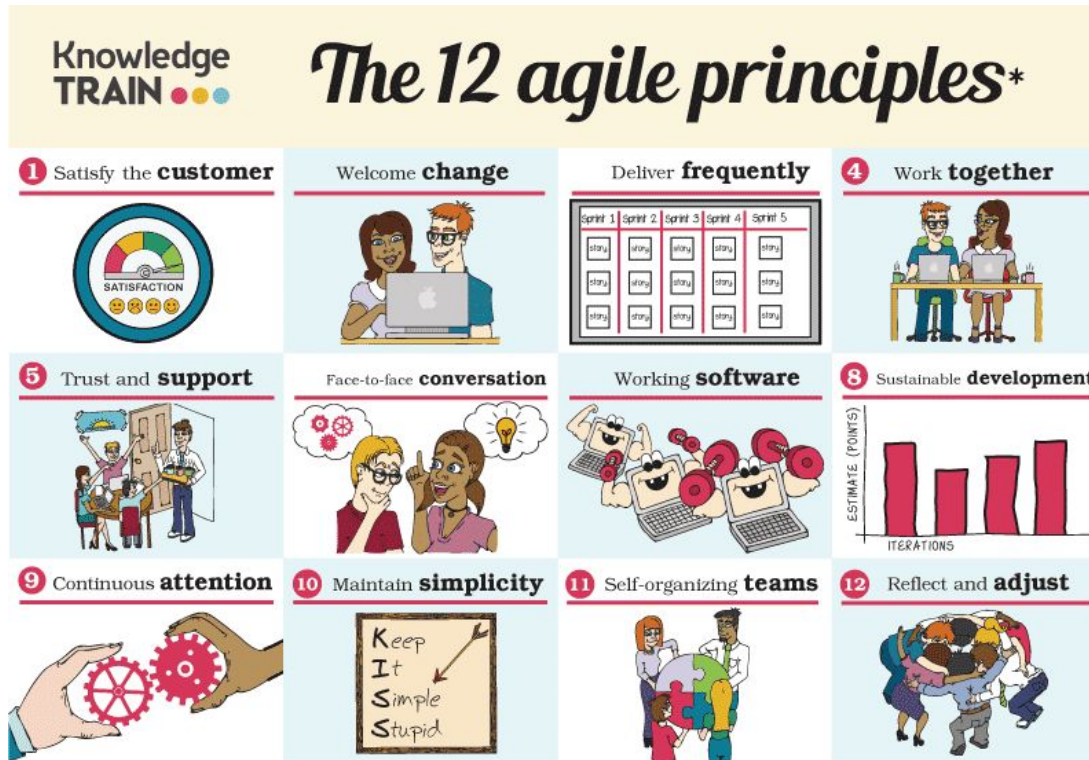
As a team,
how do we?

Step 1:

Document how
you currently
do this

Step 2:

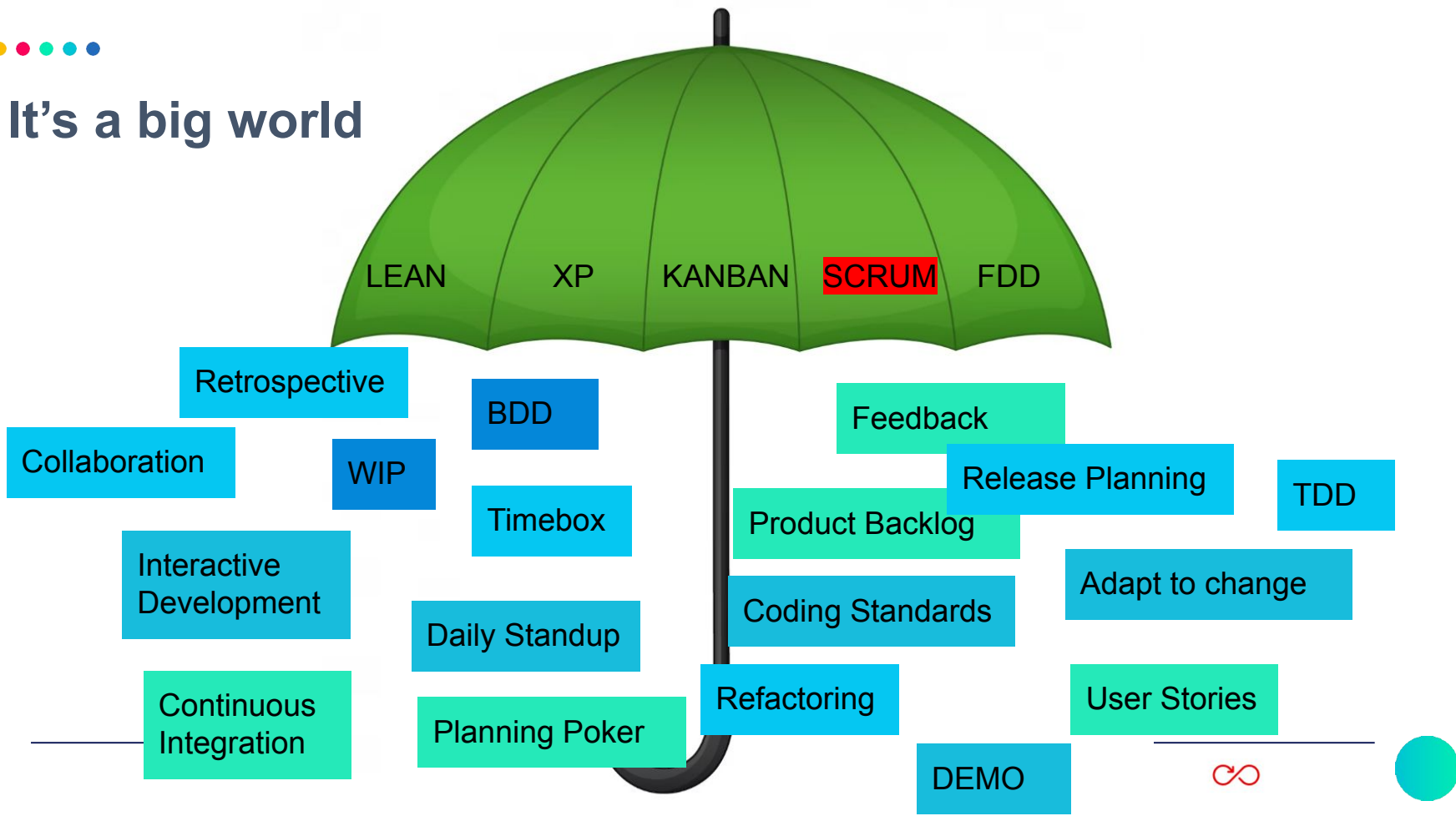
Review & tweak
regularly to
resolve a pain
point



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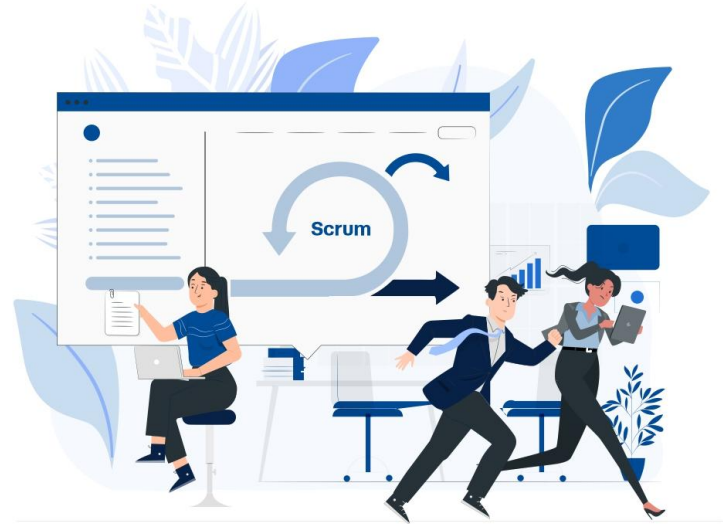
It's a big world

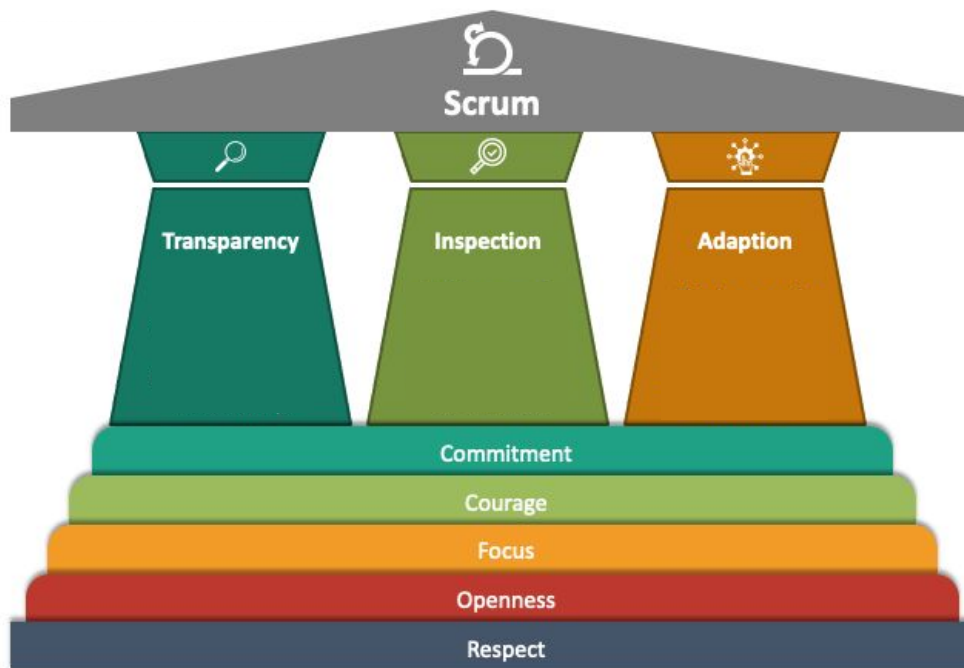




Scrum Definition

Scrum is a lightweight framework that helps people, teams and organizations generate value through adaptive solutions for complex problems.





A short History Of Scrum



- Scrum, as it is known today, was initially introduced to teams in 1993 by Jeff Sutherland, John Scumniotales, and Jeff McKenna of the Easel Corporation. They adapted their ideas from Takeuchi and Nonaka's paper. As a result, the concept of "Scrum" was fully developed.



Scrum Team & High Level Responsibilities



Product Owner

Conveys message of envisioned product and sets priorities for team



Scrum Master

Coaches team on Scrum process and helps iterate towards a productive environment



Developers

Cross-functional team with broad skills that works together towards committed goals to create a usable increment



What about these groups?



Managers

People who manage the people in the Scrum team

Stakeholders

People external to the Scrum team with an interest or need from the product

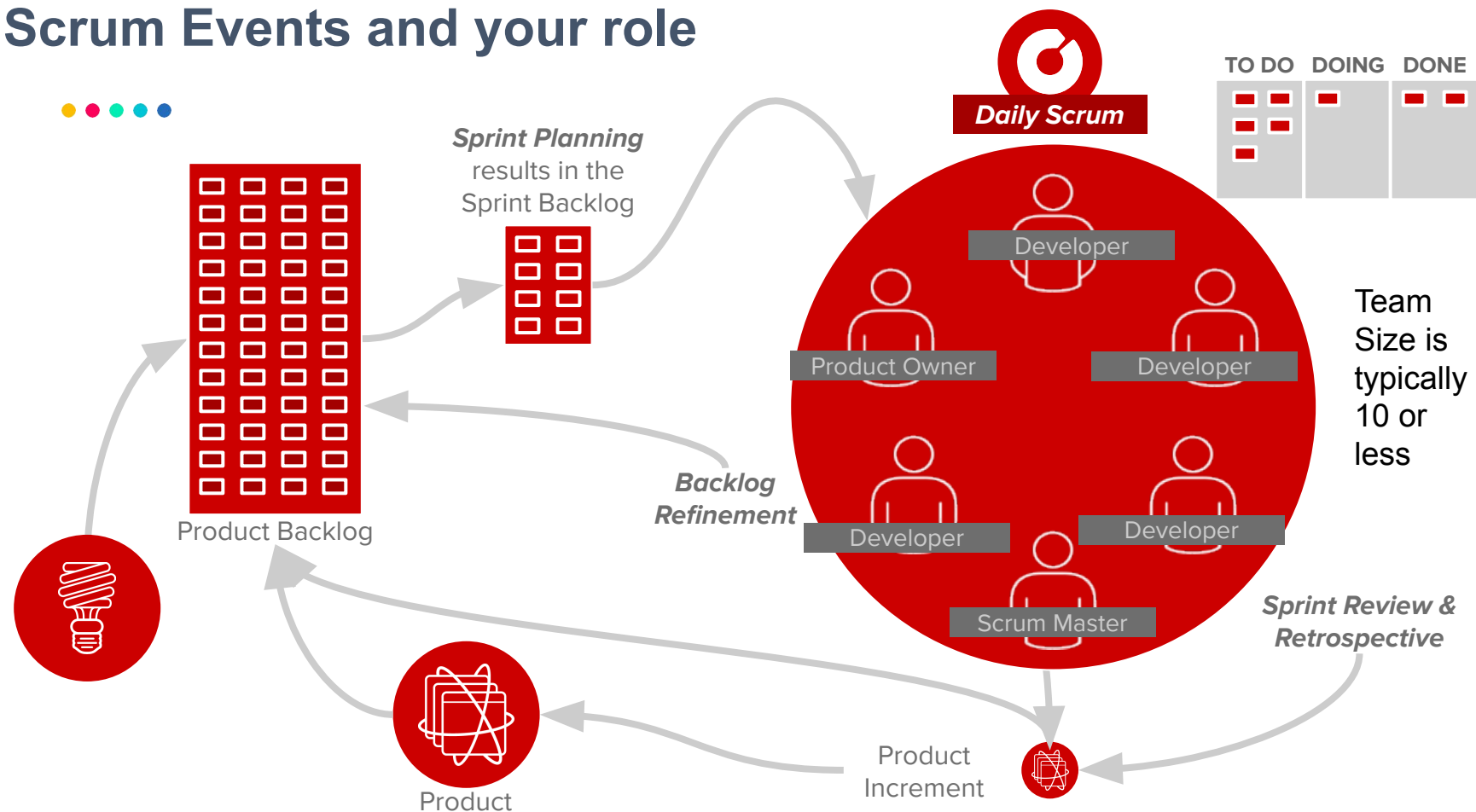
Customers

Cross-functional team with broad skills that works together towards committed goals to create a usable increment

These are NOT part of a Scrum Team but may be part of your company and your culture



Scrum Events and your role



The full Event Cycle can take up to a month



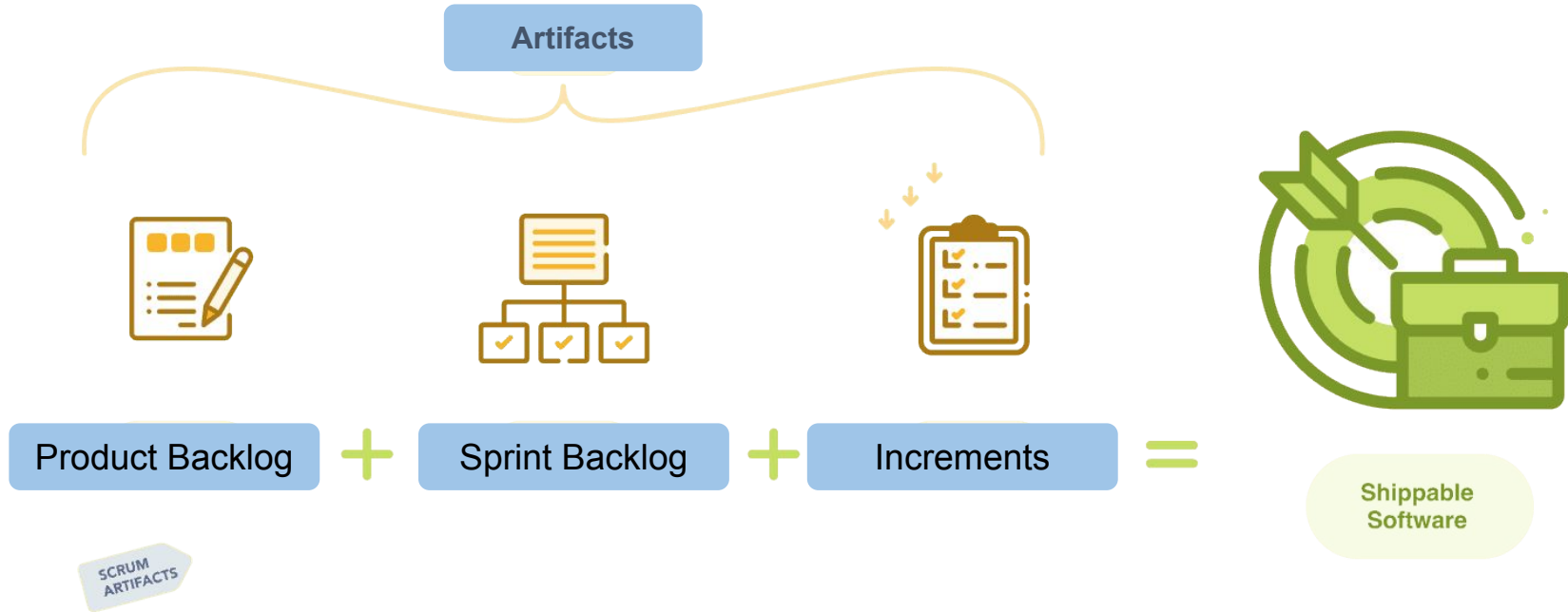
Events and their Purpose



Scrum Event	Purpose
Sprint Planning	Commit to a set of defined work as a team for the upcoming sprint cycle. The end result is the Sprint Backlog.
Daily Scrum	Daily sync to share common understanding of the goals, coordinate the team effort, report on progress of work, and to communicate problems and improvements.
Sprint Review	Review what was completed during the sprint to collect feedback and insights.
Sprint Retrospective	Help teams reflect on their internal team process with the goal to continuously improve.



Scrum Artifacts



How do these related to:

Sprint Goal | Product Goal | Being Done



Events are Timeboxed



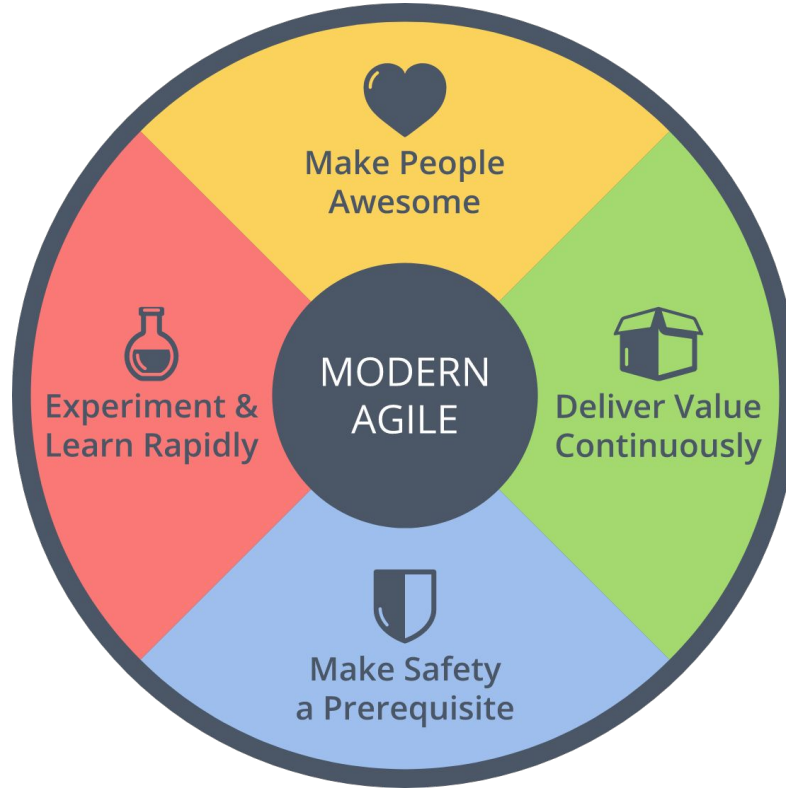
How long for each event?

Benefits of timeboxing

- Procrastinate less!
- Help make timely decisions
- Increases motivation
- Increases productivity & Focus time



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