Creating Infinite Possibilities.

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The World Is Changing: So Can You By Using Agile

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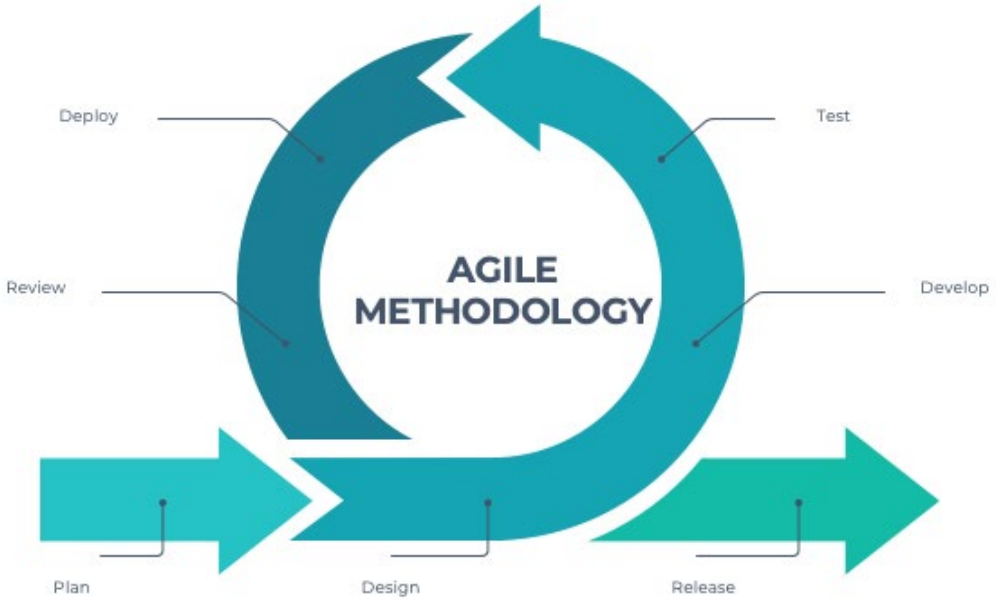
WHAT IS AGILE MANAGEMENT?



AGILE VALUES

- **Individuals and interactions** over processes and tools
- **Working software** over comprehensive documentation
- **Customer collaboration** over contract negotiation
- **Responding to change** over following a plan

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CHALLENGES FACED BY THE TEAM

- Longer wait times lead to an obsolete requirement
- Developers and stakeholders working in a silo
- Minor changes in requirements take a long time to get implemented.

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WHAT IS AGILE ?

Agile is an iterative approach to developing software products. It emphasises the importance of early and continuous delivery of working software, which can be obtained through frequent releases, demonstrating progress early and frequently to stakeholders, and responding quickly to feedback from stakeholders.

The Pillars of Agile

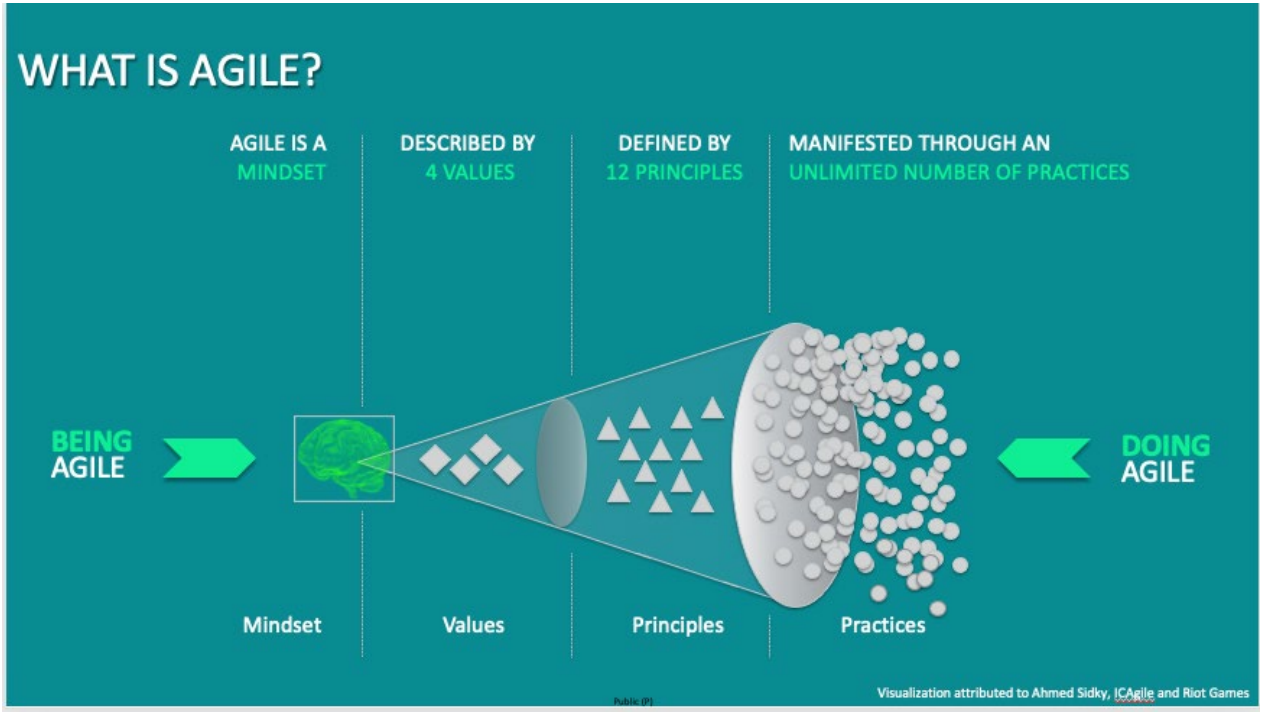
The Pillars of Agile

1 **Transparency**
The process of being clear about the work that has been done and what still needs to be done

2 **Adaptability**
The ability of a team to change their approach as they move forward on a project

3 **Improved Team Collaboration**
People from all over the company can work together on a project without ever meeting in person before.

Agile mindset



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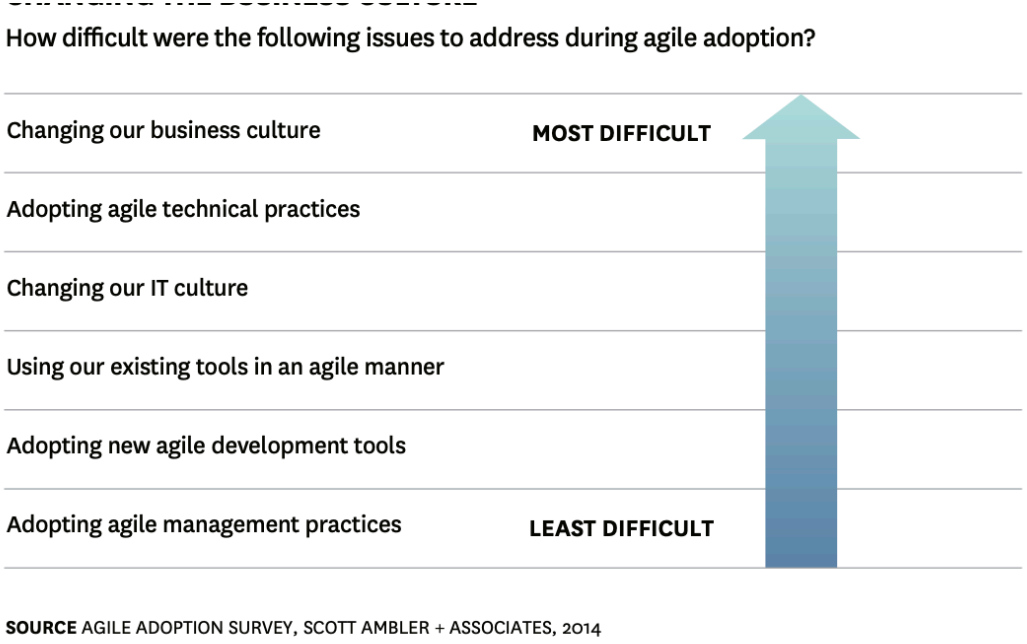
"Planning is everything, Plans are nothing"

-Field Marshal Helmuth Graf von Moltke



Planning Agile Implementation

1. Understand the culture and needs of the organization.
2. Identify what needs to be changed and what is not changing.
3. Determine how to communicate with stakeholders about the changes and challenges that come with adopting agile methods.
4. Identify who needs to be involved in the change process and create a plan for involving them in this process as early as possible
5. Develop a strategy for integrating agile practices into existing organizational processes, policies, and procedures

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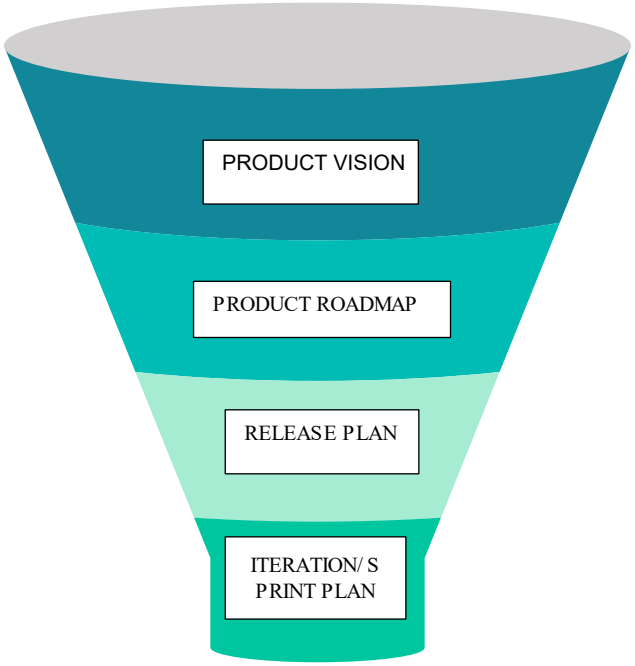
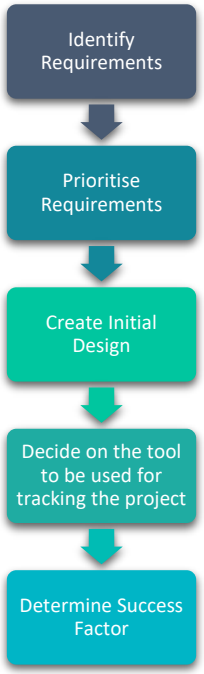
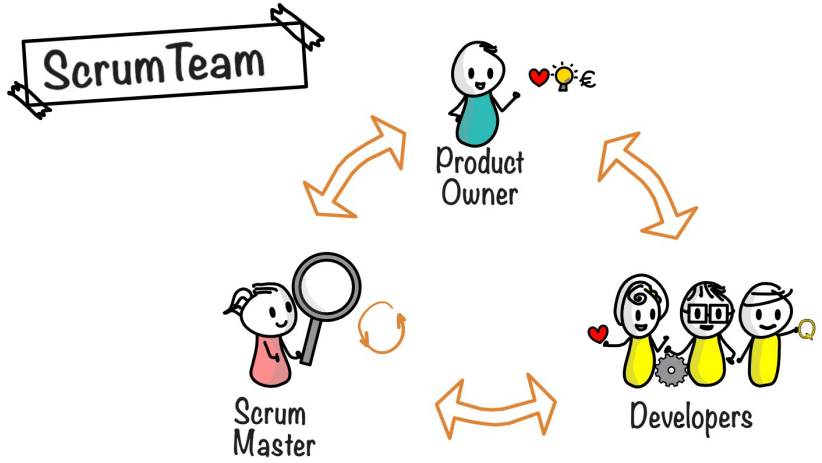
DOCUMENTS



RELEASE PLAN



SCRUM TEAM



Source: https://www.scrum.org/resources/blog/equality-accountabilities-scrum

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ITERATION PLANNING'S PREREQUISITES

1. Ensured that the items in the backlog of the product were sizeable
2. Ranked the epics created. Epics are large bodies of work that can be broken down into a number of smaller tasks (called stories)
3. Documented the acceptance criteria for each user story. User Stories are short requirements or requests written from the perspective of an end user
4. Calculated the number of user stories that could be accommodated into an iteration
5. Broke these user stories down into tasks and assigned each to an owner
6. Assigned each task an approximate duration

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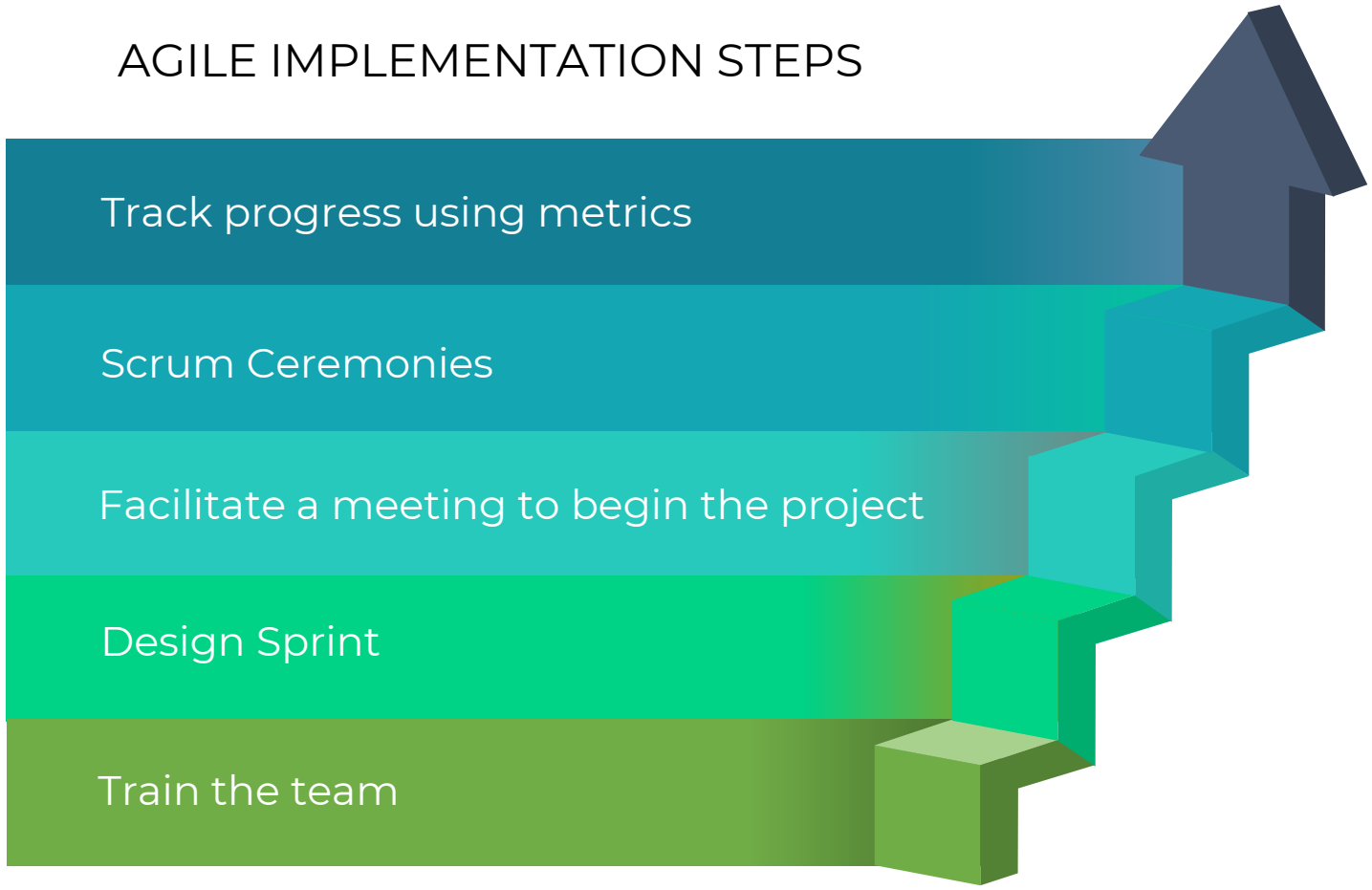
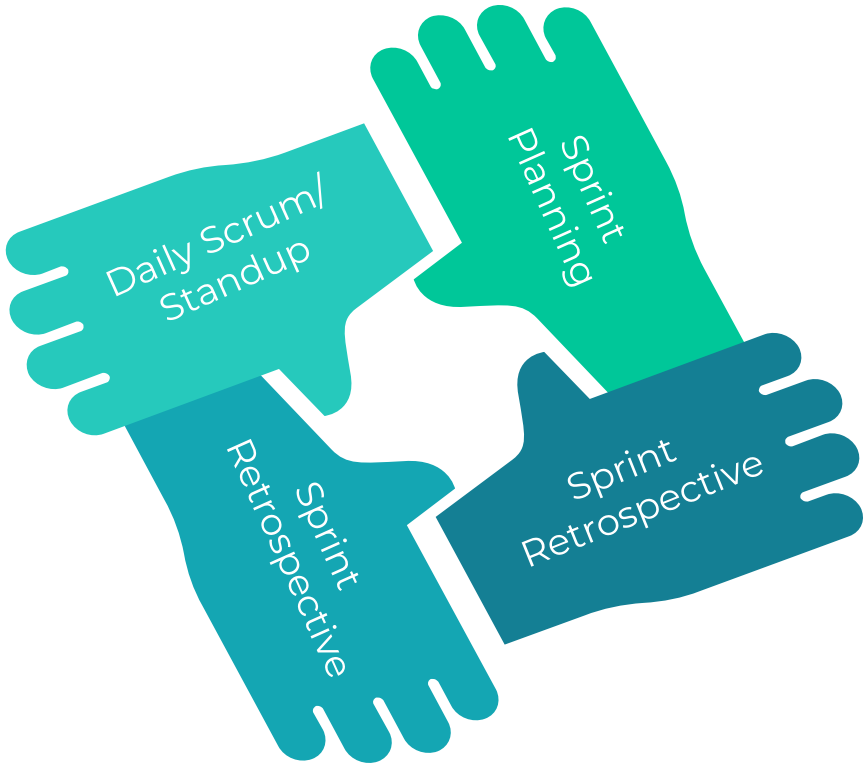
AGILE IMPLEMENTATION

AGILE IMPLEMENTATION STEPS



SCRUM CEREMONIES



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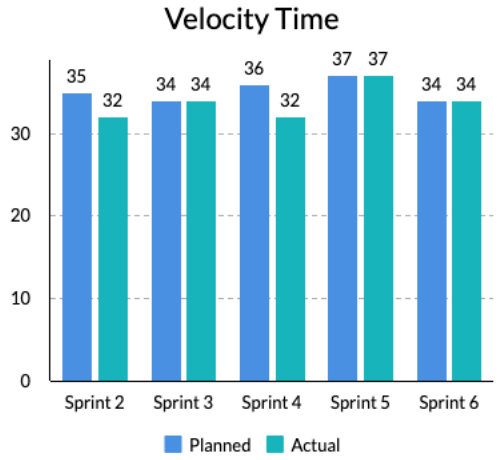
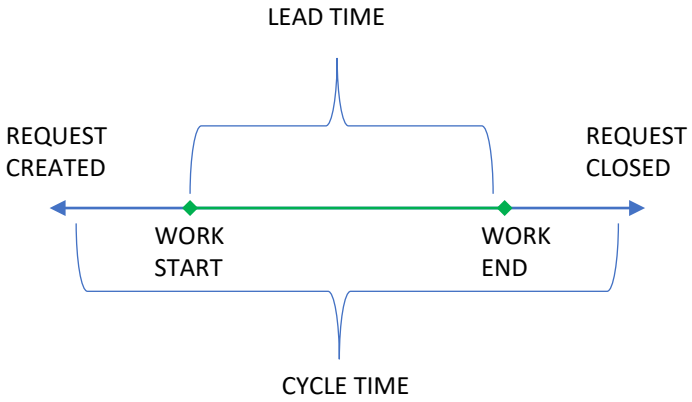
Productivity metrics

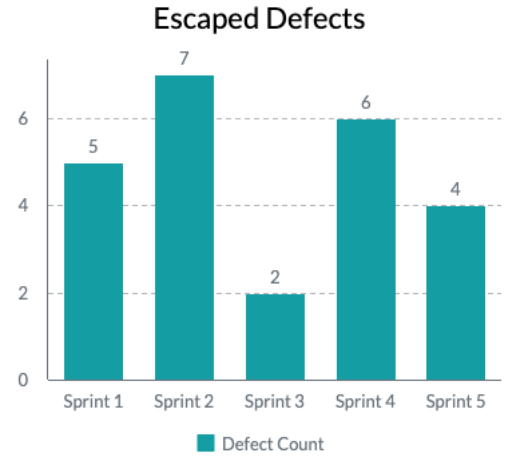
Quality Metrics

Progress Metrics

SAMPLE METRICS CHART







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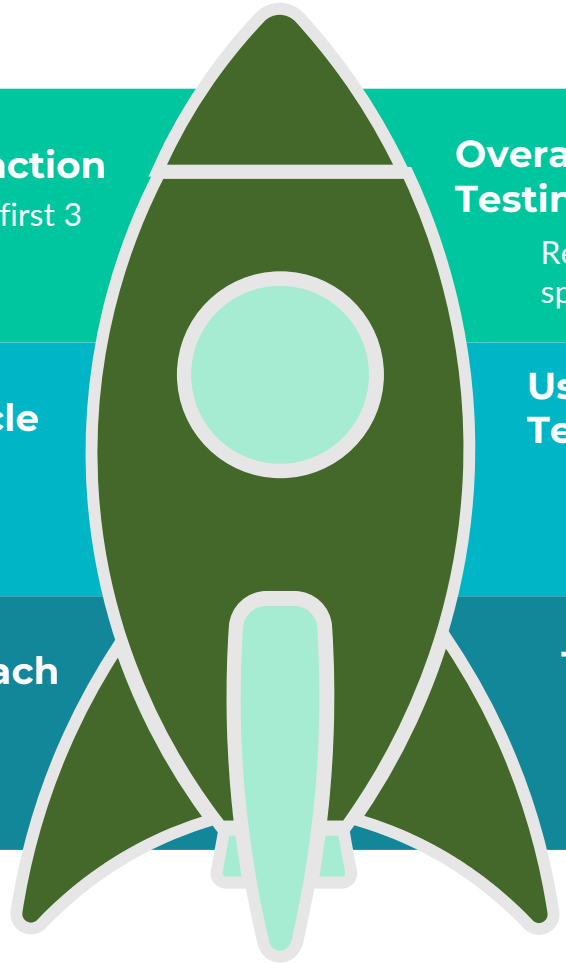
BENEFITS OF AGILE IMPLEMENTATION



Customer Satisfaction

Increased by 14% in first 3 months of Agile implementation

Overall Development To Testing Effort

Reduced 37% of effort spent by team

Shorter Release Cycle

more aligned with users' requirements.

User Acceptance Testing Signoff

Reduced from 5-7 days to 1-2 days

Customer First Approach

Refers to a good or service being offered

Transparency

increased employee morale by 22%

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Thank You!

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