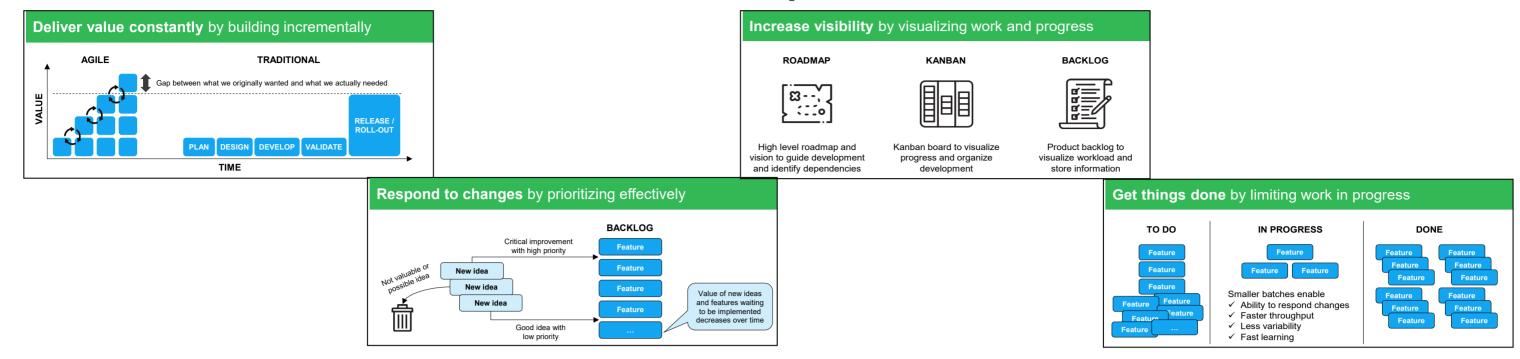
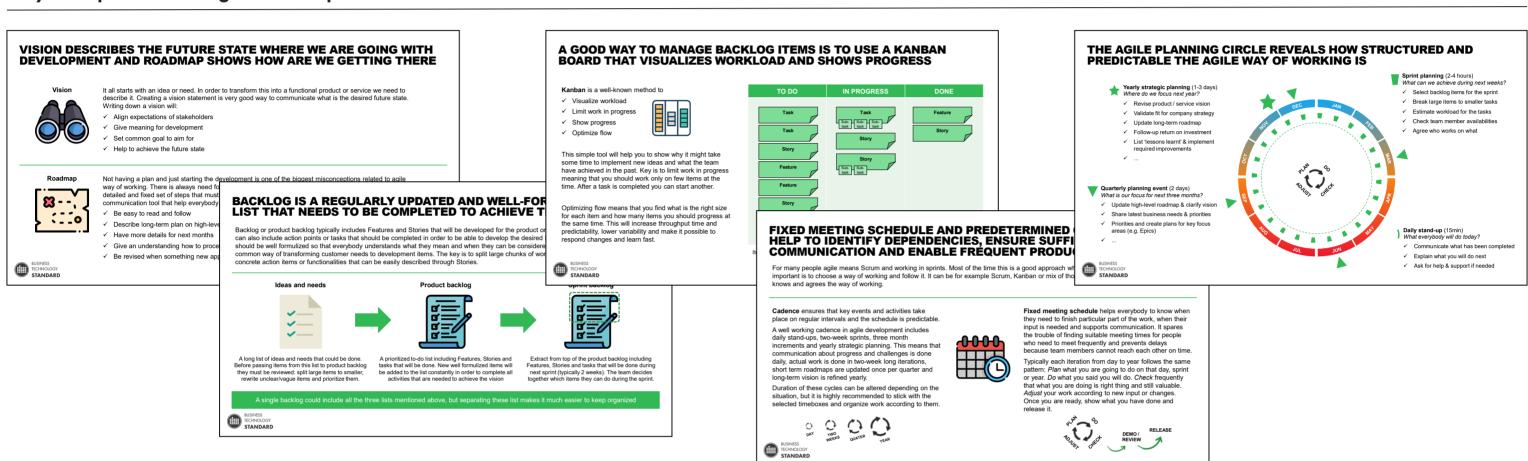
# **Sprint-Based Agile Development**



## Agile way of working helps us to collaborate, understand real customer needs and constantly learn from feedback.



### **Key Components in Agile Development**

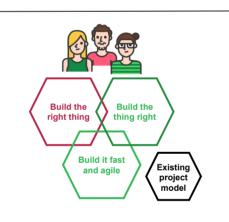


## **Roles and Responsibilities**



on investment (ROI) and has a vision behind the product development without knowledge of detailed requirements. PO knows why we are building, what problem we are solving and who will be using the system. PO takes care of prioritisation, business decisions for the agile team and is final arbiter related to requirement questions.

PO will take care of managing new ideas and requirements, formulating Features and Stories, managing backlog and communicating with stakeholders. PO owns long-term product roadmap and ensures everybody understands the vision. Product Owner focuses more on the what than on the how. Anything that is needed from the development team goes through PO.



## **DEVELOPMENT TEAM \***

The team is a self-organising group of developers, designers and other key people to get the job done. This cross-functional team should be self-organised and be able to deliver value frequently. They do the

The team should limit work in progress, know how many Features or Stories can be developed during a sprint and take care of testing. They should actively ask for support and ask clarifications in case some development items are unclear.

## **SCRUM MASTER**

Scrum Master has no management authority but acts as a facilitator for the process. Scrum Master removes impediments, facilitates sprint meetings, helps to unlock benefits of agile, provides visibility and ensures agile principles are followed. He/she protects the team from distractions and interruptions

Scrum Master should help to clarify requirements (e.g. write Stories) and support PO with backlog management.

## **PROJECT MANAGER**

Project manager is not an official agile role but in reality, project manager will take care of project planning, progress reporting, budget management and other work that the project model requires.

## **PRODUCT OWNER**

- Manages idea and requirement funnel · Turn ideas and requirements into Features and
- · Updates and prioritises the backlog
- · Manages stakeholder expectations
- · Accept Features and Stories as done
- · Has final say on which Features will be developed and released
- · Says "no" to ideas and requirements which will not be developed
- Estimates Feature value and size with the team Ensures everybody understands the vision
- · Keeps roadmap updated (long-term vs short
  - term planning)

## **DEVELOPMENT TEAM**

- · Performs the actual "work" (design, development, testing, etc.)
- Splits Features and Stories to smaller tasks and
- Estimates Feature and Story sizes
- · Develops tested and shippable Features
- · Is self-organising and collaborates actively
- · Limits work in progress to ensure fast throughput
- Solves technical issues and fixes bugs
- · Actively asks for support and clarifications

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## **SCRUM MASTER**

- · Organises and facilitates Scrum meetings · Removes impediments from the team
- · Coaches and provides feedback for the team
- Ensures agile principles are followed and timeboxes are obeyed
- · Adjusts the way of working when needed
- Supports Product Owner actively - Helps with backlog management
- Formulates and clarifies Features and User
- Communicates with stakeholders - Assists with idea and requirement

## **End-to-end Governance**

E2e governance ensures that development is based on demand coming from business, and connected to operations to secure successful rollouts.

