Scrum vs Kanban Agile Development

# Agile – Overview

Agile is an ideology within software development that outlines a process in which rapid prototypes are created, tested and released to the user in quick succession, in small/incremental updates rather than occasional major versions. This allows for the user(s) to provide near-instant feedback on the state of the product and any issues they may be having with it or suggested improvements.

The basic idea of an agile development process is as follows:

1. The product owner and stakeholders construct a list of desired features (the product backlog) based on the user’s requirements.
2. The software development team pick items from this list to implement into the product and get to programming.
   1. There will be regular (usually daily), short meetings (usually 15 minutes or less) amongst the development teams to ensure there are no issues within the process and address any part of the process that could be improved easily (more major issues will be addressed in less frequent, longer meetings).
3. The updated software, including the new implementations, is tested to ensure product stability and functionality as desired.
4. The updated and tested software is released to the user.

# Derivatives

## Scrum

## Kanban