

The agile development model is based a lot upon teamwork and collaboration. This model focuses on individual “sprints”, or iterations. Beforehand, the team is able to establish exactly what will be completed in each sprint and when the work will be completed by. One thing that is beneficial about the agile development model is that different phases can happen in parallel and do not need to happen in a specific order. That is helpful because you are able to work on multiple parts at one time so you can get things done more efficiently. Also, the agile development is able to provide immediate user feedback which is able to reduce the risk of nobody using or wanting your product or service. You can then alter it very easily, since cost is always so important, and it is important to save as much money as possible.

In contrast, the waterfall model is divided into separate stages where each stage must be completed in order to move onto the next one. Also, unlike the agile development model, the waterfall model must have all of the requirements set ahead of time and nothing can be changed after you begin; the agile development model only needs to set the requirement in advance for each sprint. In the waterfall model, each phase such as designing, testing, and development is only completed once. In the agile development, each stage can always be revisited if needed. Although the agile development is faster and has a higher quality delivery, the waterfall model is beneficial because it has clear deadlines and clear communication.