

Agile development is an alternative to the waterfall model. Agile development involves more complex systems that have qualities that can change day to day. Usually you are not able to construct a specific plan to complete the project, as the requirements change often. People who partake in agile development must be adaptive with their projects because there is no set outline for the project, and they have to work with what gets thrown at them.

Agile development has a very different approach than that of the waterfall model. With the waterfall model, the steps are very clearly laid out, and the plan for the project is clear. People who are completing projects with the waterfall model are also able to predict what might happen as they progress, so the ability to adapt is not required as much as it is for agile development, where there is little to no ability to predict, and adaptation is a main tool in the process.

One other clear difference between the waterfall model and agile development is the testing phase. With the waterfall method, testing comes after implementation, with feedback being used to fix any problems. In agile development, testing is done while the code is being written and not in its own phase of the process.