

Agile Development vs Waterfall Development

The big difference between the two models is in their approaches to solving problems. While the waterfall process starts with the identification of requirements and system analysis, all the way down to deployment and maintenance, the very nature of the process requires going back to previous stages to correct errors. The agile method combats this by identifying problems and assigning people to fixing the problem in the most efficient way possible. In this way, there is no wasted time on redoing previous work when the project is not finished or when bigger solving problems is of more importance. The waterfall method also tends to build up a project into something that is not needed at the moment, while one of the principles of agile development is that working software is the principal measure of progress. Agile development utilizes effective communication to respond to problems quickly, while waterfall development utilizes logic to build a product that satisfies a very tangible problem.