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Software Development 1

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Waterfall VS Agile

The water fall model is illustrates software development. The diagram is compared to the waterfall effect, because of the alignment that the steps must occur. The software development life cycle begins with requirements specification followed by system analysis then system design, implementation, testing and maintenance. Thus, when each of these steps are achieved during the processes they will then continue to the next step to developing the software.

The agile development is a cycle that also deals with software development. The cycles are in increments and are followed by steps. Once each cycle is completed it is moved on to the next step of cycle. Each increment offers planning, requirements analysis, design, coding, unit testing and acceptance testing. The agile focuses mainly on the adaptive approach which makes it more efficient.

Therefore, the differences between the two models are that their processes are structured differently. They both deal with software, but agile is specifically focused on the adaptive approach. The waterfall model is more detailed when planning the development which can cause it to take longer.