Agile Development VS Waterfall Development

Both the Agile and Waterfall methodologies for developing software have distinct advantages

and disadvantages to them. The waterfall method is the idea of analyzing a problem and working

through the steps until you end up with a completed program. The steps include analyzing the

problem, system requirements, design, implementation, testing and maintenance. This idea

allows the user to to effectively go through the motions and complete the code while maintaining

the original idea. The waterfall method works incredibly well as long as everything goes

according to plan. It is incredibly hard to go back to a previous step compared going forward.

Agile on the other hand is the idea of spending a certain amount of time and seeing how much

can get done and deciding whether what came out of that time is worth using. Once a team is

done with a section the move on to the next thing that needs to be accomplished. The agile

method codes things in small blocks while the waterfall method codes everything at once,