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Software Development 1

Lab 1 Part 3: Short Essay

Agile Development versus Software Development Process

Agile development is a faster technique for developing software and can be very flexible. The goal of this process is to build upon smaller parts rather than finishing with one large application. This processes focus is to keep the code simple. Once the code is fully functional then it should be released as soon as possible. Steps involved with this type of development strategy would be to plan and track your work, list your work items that are involved with implementing it, and monitor the entire practice. Most uses of this process are particular of smaller scale. There can be common errors in integration, the agile process itself, and the engineering of the software.

The software development cycle process is a multiple staged process including requirements specification, analysis, design, implementation, testing, deployment, and maintenance. During any stage of this cycle, you may have to go back and correct errors in order to keep the software functioning to expectations. Issues with the requirement specification stage usually are that the problems may not be well defined. Thus, the developer must work very closely with whoever is using the software to figure out exactly what the issue is. During the system design stage, you focus on identifying each step that must be took to implement the code. But, when you are in the implementation stage, otherwise known as the part where you actually code, sometimes the solution to the problem is not precise.

One of the main differences between the software development process and the agile development process is the amount of the steps taken between the two. The software development process has more steps, or stages involved which makes it a little bit more precise and organized. This processes focuses more on delivering the full program all at once whereas the Agile development process focuses more on perfecting the smaller broken down parts of the entire code and delivering it as soon as possible.

However, both processes are also very similar in some ways. They both deal with working in teams making the project as a whole a team effort and both have steps that involve collaboration to perfect the final outcome. Both the processes involve maintaining and monitoring to ensure there are no errors throughout the process. They more than likely will both have errors throughout the process. None is particular better than the other, it all depends upon what you are trying to develop. As a developer, I would