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Lab 1: Short Essay

Agile software development is the general term for finding solutions that evolve through collaboration between organized teams that utilize appropriate practices for their context. This term was originally applied to methods from a 2001 gathering of software developers who discussed and shared their various ideas about software development. Called “the agile movement”, these practices seek alternatives to traditional project management and help groups respond to unpredictability in their work through empirical feedback.

In chapter 2.16, the software development process is described in a traditional, sequential practice. In this way, the steps of requirements specification, system analysis, system design, implementation, testing, deployment, and maintenance are carried out in stages. This process can seem tedious and can lack communication between groups, causing software to be developed in a mechanical fashion. However, it covers necessary requirements in ensuring that the software process is properly engineered. With agile software development, the process is much more simple and flexible. The agile paradigm allows every aspect of development to be revisited and adapted with communication between team members. However, this means the development process can be lengthy and cause the ultimate project end date to be unpredictable.

As a developer, I think agile software development would be better suited for me. I like the communicative trial and error approach of the agile process. By constantly revisiting all

aspects of the project in a team, all the issues could be sorted out with diverse opinions. I think this would ensure the projects to be of their best ability. While it may take more time and effort, I think the result is better by the flexible, agile approach.

Sources:

By Kelly Waters, 4 September 2007 | Agile Adoption. "All About Agile." *All About Agile Disadvantages of Agile Development Comments*. N.p., n.d. Web. 24 Jan. 2017.
<<http://www.allaboutagile.com/disadvantages-of-agile-development/>>.

"What Is Agile Software Development?" *Agile Alliance*. N.p., 07 Nov. 2016. Web. 24 Jan. 2017.
<<https://www.agilealliance.org/agile101/>>.

Liang, Y. Daniel. *Introduction to JAVA Programming: Comprehensive Version*. Upper Saddle River, NJ: Pearson/Prentice Hall, 2007. Print.