

Matthew Oakley

Professor Rivas

Cmpt 220-201

1/31/17

Agile software development uses collaborative cross-functional teams to solve solutions. The development process in the book is a more old fashioned approach to software development. Agile software development is more flexible than the one in the book. This is because the one in the book starts with a set problem and works towards solving it. While Agile will be more flexible solving the problem and can handle new problems or features that arrive. The development process in the book uses a system where programmers work on each individual part alone. While Agile uses a system that include teamwork and pair programming.

There are shortcomings of both Agile and the one in the book. Agile can take longer because the team could keep adding more and more tasks to complete for the program. Another shortcoming of Agile is that the different teams could have different view on how a problem should be solved. The textbook development process has a harder time accepting new additions to the problem that is being solved. It also has the problem of not being connected to the customer as much as Agile.

I prefer Agile software development over the one in the book because it is more flexible. The reason why the flexibility is a major factor is that now users can give feedback while the developing process is going on. Another factor that is good about Agile is that it communicates more with different teams that are involved with the project. Agile is overall a better software development process than the one in the book.