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CMPT 220

Lab 1

Agile Development

Agile Development is known for its flexibility. It follows an “off the cuff” type of approach and allows for the team to implement new ideas as they progress. The team typically does not start with a picture in mind, rather they start with a blank canvas and fill it in along the way.

The development process described by Liang follows a more static approach. The team knows exactly what they want to do and follow it to the “T” as much as possible. If necessary, they will make adjustments. This development process is more thought out helps the team progress smoothly because they know exactly what needs to be done rather than figuring it out along the way.

Agile Development and the process described by Liang are definitely different. Agile Development is more flexible and can be related to a process known as “Scrum”. Liang’s process is more straightforward and follows a fixed plan. Agile development figures it out along the way and Liang’s process knows everything from square one. Agile development is prone to many changes and it tends to take longer due to new ideas that come up. Liang’s process is definitely a smoother approach, but some people tend to dislike it because it doesn’t allow for new ideas to come up.

Agile Development has its downsides. Its shortcomings include the amount of time it can take to complete, the lack of direction, and lastly no set goal. The flexibility, although allowing

for a lot of additional features, can add a lot of time until the project is complete. The team typically doesn't have a picture in sight and this can delay the team because they may not know when they are actually complete. The team also has no set goal. This, as I previously stated, may lead the team to not knowing when they are done.

The process described by Liang has a couple shortcomings too. The biggest and most noticeable one is the lack of flexibility. The team knows exactly what to do and that tends to help, but not having the ability to be flexible tends to hurt. Having flexibility makes everything easier.

In my opinion, I believe Agile Development is a better process for me, the developer, because I have a tendency to figure everything out as I go along. I do not have a set picture in my head, rather I like to figure it out as I go and see what I think as the project progresses.