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CMPT 220 Section 230

(Short Essay) Investigate what “Agile Development” is and compare it with the development process explained in Chapter 2.16. Explain their differences and shortcomings. Also discuss, what paradigm would be better suited for you, the developer?

Agile software development is a method of development with a focus on speed and flexibility during the process. The intention of Agile Development is to break up a large software project into smaller, more manageable pieces. These pieces are developed until they are in a ready-to-deploy state and are then released to customers. This allows investors and customers to quickly see the results of their investments and promotes customer engagement. However, there is very little planning done in the agile development process, which can lead to major problems going unnoticed and poor system design as the project progresses.

In comparison, the development process seen in Chapter 2.16, which is known as waterfall development, is highly structured. Before coding even begins project is completely planned out. Testing and deployment is only done once the project is complete, not in chunks like agile development. This method of development focuses on creating a complete, well coded final product. However, waterfall development is much slower than agile, due to the focus on planning. As a developer, the agile method is much more suited for me. Its focus on coding over planning allows developers to have much more input in the project they’re creating.