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CMPT 220

Agile Development and the Waterfall Method

The Agile Development movement was developed in 2001, by 17 computer scientists who wrote up the “Agile Manifesto.” This manifesto had 4 major principles: Individuals and interactions over tools, working software over comprehensive documentation, customer collaboration over contract number, and responding to change over following a plan. Unlike the agile development process, the waterfall method required a lot of documentation before any code was written. In fact, developers of the waterfall method were expected to learn “the spec” which was the listed everything the developer did in a large document often consisting of 100-200 pages. The reason for the waterfall method was due to the fact that there were not as many resources available in the form of open sources, and APIs. The change began soon after developers started to develop internet applications. Overall, the waterfall method was useful for the time being when app development was rather a tedious job, but now with the rise of more open source code we have to change to the agile development.