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The software development process described in section 2.16 is known as the Waterfall Model. Investigate what “Agile Development” is about and compare it to the Waterfall Model.

Agile Development is a style of software development where different groups or individuals collaborate in cross-functional teams. The point of agile development is so that each team of developers are specially trained in each task that they are asked to do for the program. With each team being specially trained for certain disciplines, the outcome for each section of the code is created with much more efficiency. Agile Development can be considered anything that goes under the Agile Manifesto. The Agile Manifesto was created by a group of fourteen highly skilled software developers about what to do and what not to do when developing code. The Waterfall model is a graph that shows the process of developing code. It is the following: Analysis -> Requirements -> Design -> Implementation -> Testing -> Delivery -> Maintenance. With the Waterfall Model, it is also possible to go backwards when developing due to mistakes, or new requirements being made. The main difference between Agile Development and the Waterfall Model is that Agile Development stresses that there are teams that specialize only on certain portions of the program while the Waterfall Model does not meet any such specification.