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In chapter 2.16 of our textbook, the author presents the software development process as a sequential assembly line. Specifically, he prescribes an order of steps that must be accomplished sequentially to develop software. Namely, specifications, analysis, design, implementation, testing, development, and maintenance. In contrast, Agile Development is a more fluid and iterated process, such that the planning components of the design process persist throughout the development cycle. In other words, developers are able to easily adapt to new circumstances and problems as the software is developed.

While the text's development process appears orderly and simple to manage, the process falsely assumes that the requirements step can be entirely completed without any developmental progress. Therefore, the books design process fails to emulate a more natural workflow and developmental process. However, Agile Development and its incremental progression provide a more natural design process, improving design efficiency and allowing developers to routinely revisit the planning phases as necessary.

Overall, Agile Development appears to be the most beneficial process from the perspective of a developer. The process allows for the developer to conduct trial and error and easily modify their development to new requirements and specifications. Furthermore, Agile development appears to better emulate the natural thought process for designing software.