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Agile Development

In the textbook, a simple method of software development is described. A multi-step system is utilized when developing software, something similar to a waterfall: requirements for whatever software is trying to be developed must be communicated amongst all relevant parties, which will then be analyzed and designed accordingly, programs will be created and prototypes will be tested, then finally the software will be made available for use and maintained. It is a gradual process that takes a large amount of time since each step must be completed in order to move on to the next stage of development. There should be little to no changes in design by late stage since it is the aim of this textbook method of development to get as specific as possible with requirements and necessities. Meanwhile, agile development takes a different approach to the process of developing software. Agile development starts the process quickly and early, and immediately jumps into the creation process while continuously delivering updated versions of the requested software augmented each time there is a change in demand. This type of development requires a large amount of energy and organization in order to create the product. Groups will be formed to address the multitudes of functions the software will have, which will meet constantly to communicate the problems that need to be solved and other quirks that need to be adjusted within the software before finalization.