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CMPT 220 - Rivas
Lab 1
Question 3

Agile Development vs Standard Software Development

Agile Development is a relatively new software development process that seeks to be flexible and fast to match the evolving technology industry. Agile Development outputs a light framework that can be changed constantly along with developers and consumer needs. Such framework allows for software to evolve with the direction the programmers or consumer wish to take the program. On the other hand, standard software development seeks to provide a very thought out development process that completes a whole package before shipment. The development process is layered with steps that need to be taken one at a time, unlike the agile development that can easily change aspects of the program at all layers. The software development process does not get as much live testing as the agile development, however, it does interact with the users and developers constantly in attempts to get the program as close to perfect before release. Agile Development is great at creating a light, flexible software, however, for big projects that require more groundwork prior to release it is weaker than standard software development. The strong point of standard software development is that it is more thought out and adept at handling bigger tasks. The more thought out program style, however, is not as capable at adapting as Agile development. As a developer, I believe that the standard software development process would be better suited for me because I am inexperienced and need to understand all steps of programming. It would seem that the standard development process is

better suited for beginners that need to learn fundamentals. If I attempted to do agile development without proper understanding the software would not run accordingly.