Chapter 2, Question 1

Search the internet for two interesting articles about software development life cycles, including agile development. Review the website www.agilealliance.org. What do these sources say about project management? Write a summary of your findings and opinions on this topic and cite your references.

The software development life cycle is a cyclical development convention which has been known to produce software of the highest quality while keeping both monetary expenditure and completion time at a minimum. There is a software development life cycle for each development model. In other words Agile Development would have a different software development life cycle versus Waterfall Development. Good project management is an integral part of each phase of all software development life cycles. There are many available tools that developers can leverage in order to increase the likelihood of project success such as Agile Alliance. Agile Alliance provides guidance for software development teams that adopt the Agile Development approach in order help them reach their goals. There are pros and cons of each development model. For example, Software development using the Agile Approach is prone to breaking releases, which are releases which have unforeseen complications with existing modules as a result of including new features, however software features (including fixes) are released regularly. In contrast the Waterfall Model ensures that pre-released software is very stable; however the software takes a longer time to be considered release ready.

References:

* https://stackify.com/what-is-sdlc/
* https://www.tutorialspoint.com/sdlc/sdlc\_overview.htm
* https://www.agilealliance.org/the-alliance/