**3.2 I can reflect on the efficiency of project management techniques**

On its own, the Waterfall method may be prone to very costly and lengthy delays. For this reason, much time is spent in planning stage. This typically includes the creation of Gantt charts and using critical path analysis to identify any bottlenecks.

Ensuring there is an agreed definition of when a task is completed or finished will aid in ensuring the subsequent task(s) follow promptly.

The Agile methodology, especially concerning the use of SCRUM, is very efficient due to being able to respond to changes quickly and having teams of experts working together on a problem. A project may progress much more quickly for these reasons, but concerning development of software there is only typically the product owner/ customer they have to contend with.

Large building projects however may have an enormous number of people from different organisations all working together. It’s therefore much more of a challenge to be as efficient comparatively.

The Waterfall method would not be as efficient a model to use with the development of a software application because of the amount of time spent delaying progression through planning, and many of the benefits Agile presents would be lacking – i.e. early examples of products being shown to the customer, reviews and tests being built in to production.