3.2 I can reflect on the efficiency of project management techniques

Agile project management is the most efficient project management method to use when developing software. Agile teams work collaboratively to focus on completing tasks within a short time frame (sprints); tangible results are therefore delivered from the beginning stages of the project to the product owner. The product owner is able to give feedback regarding their requirements throughout the development stage which is more likely to result in a high quality product as the product undergoes continuous improvements. In addition developers are not sitting around waiting for other phases of the project to be complete before they can start working on the project meaning that time and money is saved. When following the Waterfall methodology, results are not seen until the end of the project and developers would have to wait for tasks that precede the ones they are working on to be completed before they can start work which is inefficient in terms of time and cost. As the Agile method is flexible and capable of implementing change at any stage of the project, expensive mistakes can be avoided as issues can be rectified in the early stages. In comparison, when using the Waterfall method, issues may not be identified until the very late stages which can be extremely costly to rectify. Using the Agile method, meetings take place on a daily basis to review the status of the tasks being worked on. If team members have finished their work they can take on another task to work on or help to address any bottle necks in the flow of work. If there are any issues that impact on the completion of tasks whilst using the Waterfall methodology, work on the project may be significantly delayed leading to increased costs.