Does agile development work for every project? In your opinion, why might agile development not be suitable for companies all the time? What are some notable reasons why agile would not be the most effective or efficient methodology?

I do not believe that agile development will work for every project. Having customer feedback is one of the four values of the agile manifesto. If working with the customer throughout the development phase was not possible or very difficult due to other commitments or project also in-work by the customer, then agile might not be the correct approach.

Another important part of agile is working space. According to Smith one of the four factors for success is described as, “Layout of workspace is an important factor for the success of agile. While both an open plan office and a clustered cubicle approach are popular among IT companies, some experts in agile suggest some kind of isolated room for a single team”. (p.44)

My thoughts are that if the team can’t work in the same space then a lot of meeting will need to be scheduled, which will take away for time spent on the project.

References:

Agile Software Development with C#, Scrum, eXtreme programming, and Kanban Revised Edition. Lynn Smith, 2019.