

## Chapter 3

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### **Exercise 3.2**

**Agile projects may have less effort required compared to traditional projects. What factors are responsible for this phenomenon?**

In Agile projects, less effort may be required compared to traditional projects due to several factors:

**Incremental Development:** Agile divides work into little, digestible chunks so that the team may concentrate on the most important tasks first. This lessens the work required for aspects that are not as crucial or vital.

**Continuous Feedback and Iteration:** Frequent stakeholder feedback aids in early problem solving and reduces effort lost on rework, which is typical in traditional projects that wait for feedback at a later stage.

**Flexibility and Adaptation:** Requirement modifications can be made with agile without causing significant disruptions. In contrast, because of their tight planning, traditional projects can require a large amount of work to handle changes.

**Shorter Time Frames:** Agile uses time-boxed iterations, or sprints, to reduce needless effort spent on over-planning or copious documentation in favour of focused work and faster delivery.

**Team Collaboration:** Agile promotes cross-functional collaboration and communication, which reduces the possibility of misunderstandings and redundant work that can arise in traditional, segregated project contexts.

**Reduced Documentation:** Agile places more emphasis on "just enough" documentation than extensive documentation, preferring to provide working software. As is often the case with traditional projects, this lessens the time and effort required to create and manage copious volumes of paperwork.

**Continuous Delivery and Deployment:** Agile encourages delivery methods that are continuous in nature, enabling teams to regularly produce tiny, functional increments. By doing this, the big-bang methodology of conventional projects is avoided, where a significant amount of work is needed for final integration and deployment.

**Prioritization of Customer Value:** Agile prioritizes feature delivery that offers the customer the most value initially. By doing this, effort is spared on features that aren't as important as they may be, which is a problem that frequently arises in traditional projects where every feature is predetermined.