**C2 Exercise B**

Thick client, also known as fat client or rich client, is a computer that does not depend on an external powerful computer. Thick clients have their own OS, storage, and ability to run their own programs. A personal computer must be used primarily in a networked environment to be called a thick client. Computers connected to local area network or internet are thick clients. Microsoft office 365 and Adobe Creative Cloud are thick client apps.

Thin client is dependent on a more powerful computer/server to access data. It is dependent on a hardware resources of a server. Web browsers and web-based apps such as WordPress, Google Docs, and web-based online games are examples of thin client.

**Advantages of thick clients**

1. Rich graphic user interface: It delivers impressive computer programs, fully featured operations systems, and graphic video games, while thin clients cannot, due to storage space or limitations in processing.
2. Server performance efficiency: They do not need high performing servers.
3. Work offline: They do not need constant network connection, unlike thin clients.

**Advantages of thin clients**

1. Optimization of hardware resources: It uses fewer hardware requirements unlike thin clients which depends on hardware resources of the server. Thin clients need fewer cabling, bussing, and switching, which makes it cost effective. They are cheaper to implement than thick clients.
2. Lesser security vulnerability: They are protected through the use of hardware of software-based security firewall and other data protection systems.

**Work cited**

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