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**GitHub repository name:** chocolate-muffin

**GitHub pages website:** <https://davy635.github.io/chocolate-muffin/>

**Software example:** WhatsApp

WhatsApp is a messaging application that enables users to send and receive text messages, voice messages, images, documents, locations and other things. It also enables them to make voice and video calls. I think WhatsApp was designed well because it meets all the basic needs of communication that a person would need on a mobile phone, tablet and even a laptop. It also uses end to end encryption meaning all messages between people are protected and even WhatsApp can't access it which makes it secure to have conversations on. It is also very easy to use or operate and lastly its ability to work on a various network means it is designed properly giving an uncountable number of people a place to communicate regardless of their network.

### **IMPORTANCE OF SOFTWARE DESIGN**

- It enhances maintainability: proper software design creates a system that is easier to maintain and update.
- Simplifies collaboration: a properly designed software makes easier for a large team of developers to work together and get effective results.
- It improves user experience: a properly designed software makes it easier for users to navigate their way through the software easily.
- It ensures that the development process is efficient.
- It minimizes risk: a properly designed software makes it easy to identify any issues or challenges in the early stage of development.