**System design** is the process of defining the components, modules, interfaces, and data for a system to satisfy specified requirements. System development is the process of creating or altering systems, along with the processes, practices, models, and methodologies used to develop them.

<https://medium.com/the-andela-way/system-design-in-software-development-f360ce6fcbb9>

* **A module** is a separate unit of software or hardware. Typical characteristics of modular components include portability, which allows them to be used in a variety of systems, and interoperability, which allows them to function with the components of other systems.
* **Component vs Modules:**

Components are put together (synthesis) to build a software. Modules are the result of dividing (analysis) the code. So components are about the high-level design of a software, whereas modules are more about organization on the code level.