

Components of Information Systems

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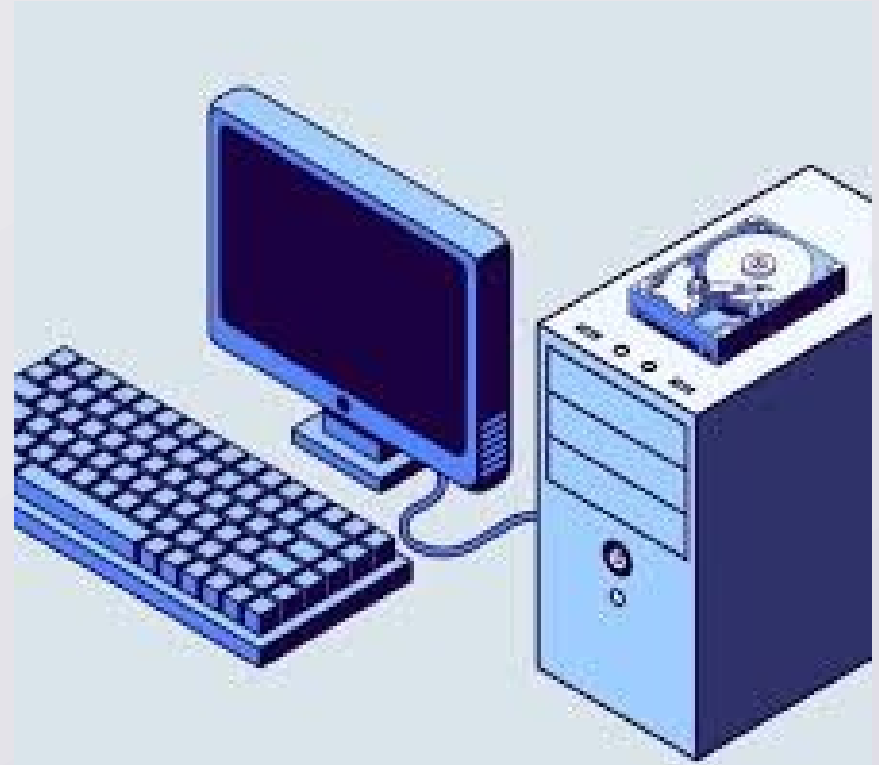
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HARDWARE

Hardware is the physical infrastructure that enables the operation of an information system. It includes all the tangible devices necessary to carry out the system's functions. Hardware components can be classified into several categories:



Servers:

Robust, high-performance computers that provide resources and services to other devices on the network. They are essential for processing large volumes of data and hosting critical applications.



Personal computers:

Devices used by end users to access, process, and manipulate information. These can include desktop computers, laptops, tablets, and more.



¿What is an Information System?

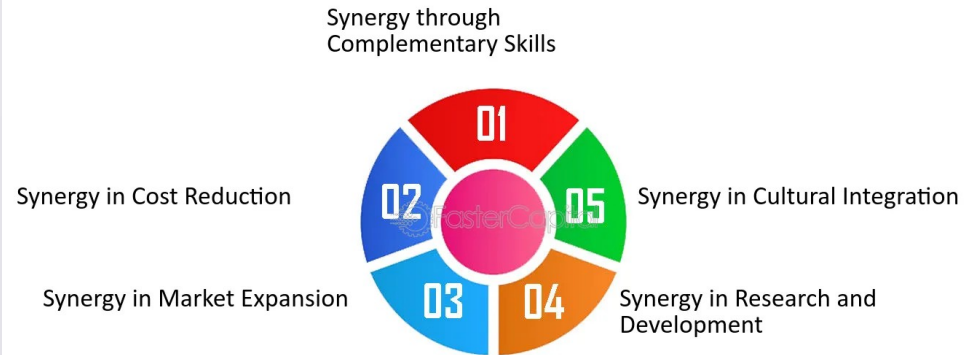
An Information System is a set of elements coordinated with each other that have the objective of receiving information from a group of sources, organizing it, transforming it, storing it and presenting it in a format that can be interpreted or read.



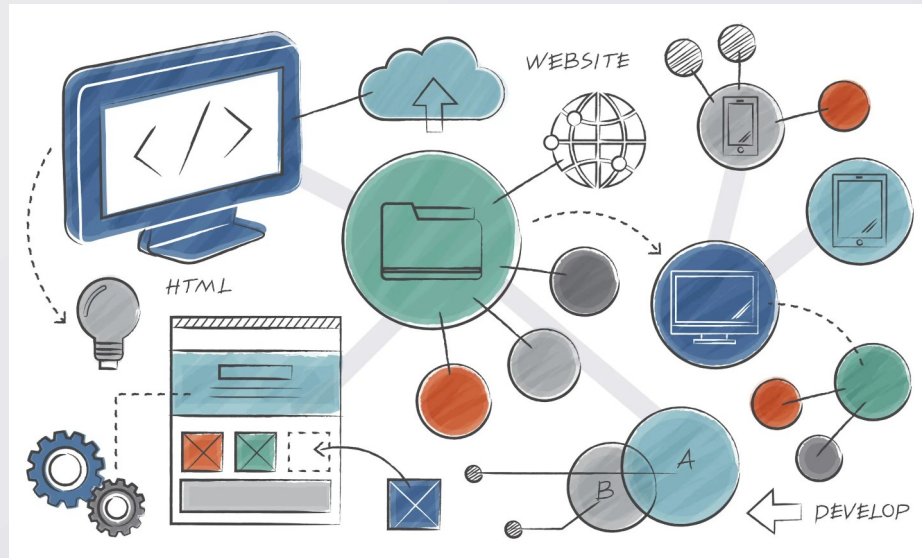
The Synergy of Components

An effective information system is a synergy of components working together. Hardware forms the foundation, software provides tools, and data supplies valuable information. People manage the system, processes ensure efficiency, and networks enable connectivity and data exchange.

Understanding the Concept of Synergy



Software



System Software: Includes operating systems such as Windows, Linux, or macOS, which manage the hardware's resources and provide a platform for other programs to run.

Application Software: Programs designed to perform specific tasks, such as word processors (Microsoft Word), spreadsheets (Microsoft Excel), database management systems (Oracle, MySQL), and business applications (ERP, CRM)..

THANK YOU FOR YOU ATTENTION