

#1 Information System have 5 components

① Computer hardware. \Rightarrow This is the physical technology that works with information hardware can be as small as a smartphone that fits in a pocket or as large as a supercomputer that fills a building hardware also includes the peripheral devices that work with computers such as keyboards, external disk drives, and routers.

② Computer Software. \Rightarrow The hardware needs to know what to do, and that is the role of the software, software can be divided into two types, system software and application software. The primary piece of system software is the operating system, such as windows or ios, which manages the hardware.

③ Telecommunications

This component connects the hardware together to form a network connections can be through wires such as Ethernet cables or fibre optic, or wireless such as through Wi-Fi. A network can be designed to tie together computers in a specific area.

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④ Databases and data warehouse.

⇒ This component is where the "material" that the other component work with resides. A database is a palace where data is collected and stored in a form which it can be retrieved by querying it using one or more specific criteria.

⑤ Human resource and procedures

The final and possibly most important component of information system is the human element, the people that are needed to run the system and the procedures they follow so that the knowledge in the huge database and data warehouse can be turned into learning that can interrupt what has happened in the past and guide further action.