A **system** is a set of interrelated or interacting elements organized to achieve one or more objectives. Systems can be found in many contexts—natural, technical, social, or conceptual. Key features of a system typically include:

* **Components**: The individual parts or elements. * **Relationships**: How the components are connected or interact. * **Boundary**: The limits that separate the system from its environment. * **Input and Output**: Energy, information, or material that enters (input) or leaves (output) the system. * **Purpose or Function**: The reason the system exists or what it is intended to do. * **Feedback**: Information used to adjust or control the system's behavior.

Examples:

* **Biological system**: The human nervous system. * **Technical system**: A computer operating system. * **Social system**: An educational system. * **Ecological system**: A rainforest ecosystem.

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