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Figure 1: A schematic diagram of a system architecture. The diagram shows a central component labeled 'System' connected to several peripheral components. The components are arranged in a hierarchical structure, with 'System' at the top and several sub-components below it. The sub-components are labeled 'Sub-system 1', 'Sub-system 2', 'Sub-system 3', and 'Sub-system 4'. The connections are represented by lines, indicating the flow of data or control between the components.