## SYSTEM ANALYSIS AND DESIGN

### DATAFLOW DIAGRAM:

A data flow diagram (DFD) is a graphical representation of the "flow" of data through an information system, modeling its process aspects .A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated.

• **Process:** A process takes data as input, execute some steps and produce data as output.

• **External Entity:** Objects outside the system being modeled, and interact with processes in system.

• **Data Store:** Files or storage of data that store data input and output from process.

• **Data Flow:** The flow of data from process to process.

### Data flow diagram:

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##### **Figure 1: Data Flow Diagram**