**Data Flow Diagram (DFD)**

Data flow diagram is graphical representation of flow of data in an information system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled.

**DFD 0 Level**

The 0 Level DFD shows flow of data of application. DFD Level 0 is also called a Context Diagram. It’s a basic overview of the whole system or process being analyzed or modeled.



**DFD 1 Level**

DFD Level 1 provides a more detailed breakout of pieces of the Context Level Diagram. This DFD describes main functions carried out by the system, as we break down the high-level process of the Context Diagram into its sub-processes.



**DFD 2 Level**

The DFD 2 Level describes flow of data in more detail. DFD Level 2 goes one step deeper into parts of Level 1. It may require more text to reach the necessary level of detail about the system’s functioning.



