

## DATA FLOW DIAGRAM:

Date	
Team id	LTVIP2025TMID30722
Project name	Streamlining Ticket Assignment For Efficient Support Operation

The purpose of a Data Flow Diagram (DFD) is to visually represent how data moves through a system, showing the inputs, processes, data stores, and outputs. It helps in understanding, analyzing, and communicating how information is processed and transferred within a system.

### USES:

Helps visualize how data moves through a system.

Makes it easier to understand system processes.

Assists in finding and fixing problems in data flow.

Improves communication between developers and stakeholder

### TYPES OF DATA FLOW DIAGRAM:

1. **Logical Data Flow Diagram:** Focuses on what happens in a system, showing data movement and processes without detailing the technology used.
2. **Physical Data Flow Diagram:** Focuses on how the system is implemented, showing hardware, software, files, and people involved.
3. **Context Diagram (Level 0 DFD):** A high-level overview that shows the entire system as a single process and its interactions with external entities.

