

DATA FLOW DIAGRAM:

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| Date | |
| Team id | NM2025TMID00191 |
| 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.

