**NUTRITION ASSISTANT APPLICATION**

**DATA FLOW DIAGRAM**

A data-flow diagram is a visual representation of how data moves through a system or a process (usually an information system). The DFD additionally gives details about each entity's inputs and outputs as well as the process itself. A data-flow diagram lacks control flow, loops, and decision-making processes. Using a flowchart, certain operations depending on the data may be depicted.

**LEVEL 1**

Training Data

Database

Admin

**LEVEL 2**

**LEVEL 3**

Testing Data

Input Data

Pre-processing

Noise Filtering

Feature Extraction

Extract Shape, Colour

User

Matching With Training Data

Extracted Data

Gives Result