# Nutrition Assistant Application

# TEAM ID:PNT2022TMID50416

## Project Design Phase I - Solution Architecture

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**Solution Architecture:**

Solution architecture is a complex process – with manysubprocesses – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.

- Describe the structure, characteristics, behavior, and otheraspects of the software to project stakeholders.

- Define features, development phases, and solution requirements.

- Provide specifications according to which the solution isdefined, managed, and delivered.

**Solution Architecture Diagram for Nutrition AssistantApplication:**

```
REGISTER
AND          →    UPLOAD
LOGIN             THE PICTURE
                  OF YOUR
                  FOOD
                      ↓
INPUT IMAGE   →   IBM        →    CLARIFAI'S
                  DB2             AI-DRIVEN
                  CLOUD           FOOD DETECTION
                                  MODEL
                                      ↓
                                  NUTRITIONAL
                                  ANALYZED
                                  OUTCOME
```