

## **PROJECT DESIGN PHASE - 1**

### **SOLUTION ARCHITECTURE**

Date	17 October 2022
Team ID	PNT2022TMID17433
Project Name	AI Powered Nutrition Analyzer for Fitness Enthusiasts.
Maximum Marks	2 Marks

#### **Solution Architecture :**

- Food is essential for human life and has been the concern of many healthcare conventions.
- Nowadays new dietary assessment and nutrition analysis tools enable more opportunities to help people understand their daily eating habits, exploring nutrition patterns and maintain a healthy diet.
- Nutritional analysis is the process of determining the nutritional content of food.
- It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food.
- The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.

### Example - Solution Architecture Diagram :

