DATE	13-11-2022
TEAM ID	PNT2022TMID08799
PROJECT NAME	AI-POWERED NUTRITION ANALYSER FOR FITNESSENTHUSIASTICS

Objective:

- ➤ Understanding daily eating habits, examining nutrition trends, and maintaining a healthy diet are the key goals of Food.
- ➤ Nutritional analysis is the process of identifying the nutrients that are necessary for life and has been a topic of discussion at numerous medical congresses.
- ➤ Modern dietary evaluation and nutrition analysis techniques expand the possibilities for food content.
- ➤ It is an essential component of analytical chemistry that offers details on the chemical make-up, processing, quality assurance, and contamination of food.
- ➤ The model that is used to categorize fruit is dependent on a variety of factors, including color, shape, texture, and others.
- ➤ Here, users can take pictures of various fruits, which are subsequently uploaded to a trained algorithm for analysis.
- ➤ Based on fruits like apples, the model analyses images to determine their nutritional value (Sugar, Fiber, Protein, Calories, etc.).