Ideation Phase
Define the Problem Statements

Date	05 November 2022
Team ID	PNT2022MID08328
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Food is a necessity for human life and has been addressed in numerous medical conventions. Modern dietary evaluation and nutrition analysis technologies give consumers more possibilities toexplore nutrition patterns, comprehend their daily eating habits, andkeep up a balanced diet.

The biggest challenge for fitness lovers is keeping track of their daily nutrition intake, which is crucial for staying in shape. But with today'sbusy world and the abundance of internet fitness resources, keeping track of your nutrition will become increasingly difficult and inaccurate. Fitness fanatics typically stick to their diet programmers, but they have trouble keeping track of the food's nutritional value. Fruits are easily digestible since they are high in vitamins, fiber, and minerals, but eating too much of them can cause weight gain and evendiabetes because fruit contains natural sugar.

Fitness aficionados eat a diet high in fruits, vegetables, foods high in protein, and low in carbohydrates. However, it is difficult to identify and keep track of the nutritional components of unknown foods, suchas fiber, protein, and nutrition.