Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID21658
Project Name	AI – Powered Nutrition Analyzer for fitness Enthusiasts
Maximum Marks	2 Marks

Problem Statement:

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. Here the user can capture the images of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).

I am (Customer)	The fitness analyst, who needs assistance to choose food for my health based on nutrition
I'm trying to	Do use the recent technologies, to check the nutrition of fruits and choose my consumption based on it.
But	I am aware of existing technologies so that I can help me to guess my nutrition of various fruit for the given input.
Because	I don't want to make the wrong decisions about my nutrition.
Which make me feel	I am not capable of choosing the right food for maintaining my health, thus leading a healthy life

Problem Statement Template:

IAM

The fitness analyst, who needs assistance food for my health

IM TRYING TO

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BUT

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BECAUSE

I don't want to make the wrong decisions about my nutrition

WHICH MAKE ME FEEL

I am not capable of choosing the right food for maintaining my health, thus leading a healthy life