Ideation Phase

Define a Problem Statements

Date	10 October 2022
Team ID	PNT2022TMID49087
Project Name	AI Powered Nutrition Analyst 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	The Nutrition Analyst is a fitness service that gives you guidance and diet suggestions to help you achieve your fitness goals, whether it is losing weight, maintaining overall fitness.
I'm trying to	The technologies used for us, how to eat by themselves and help you reach your fitness goals.
But	I am not known information about nutrition food is evident to fitness given by professionals and personal trainers.
Because	I don't take any risks about my food that helps me to reach my fitness goals.
Which makes me feel	I am not capable of choosing the good foods for my fitness, that leads to my healthy life.