

Ideation Phase
Empathize & Discover

Date	19 September 2022
Team ID	PNT2022TMID23761
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

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 to the trained model. The model analyses the image and detects the nutrition based fruits like (Sugar, Fibre, Protein, Calories, etc..)



fruitslike(Sugar,Fibre,Protein,Calories,etc.).

fruitslike(Sugar,Fibre,Protein,Calories,etc.).

fruitslike(Sugar,Fibre,Protein,Calories,etc.).