

**Project Design Phase-I**  
**Proposed Solution**  
**Template**

Date	30 SEPTEMBER 2022
Team ID	PNT2022TMID13326
Project Name	AI-POWERED NUTRITION ANALYSER FOR FITNESS ENTHUSIASTS
Maximum Marks	2 Marks

S.No.	PARAMETER	DESCRIPTION
1.	Problem Statement (problem to be solved)	Food is essential for human life and has been the concern of many healthcare conventions. Nowadays it has become even more difficult for people to understand their daily eating habits, exploring nutrition patterns and maintain a healthy diet.
2.	Idea / Solution description	In order to guide people to follow healthier eating habits nutrition analyzer has to be introduced. Nutritional analyzer does 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.
3.	Novelty / Uniqueness	Consult Online Doctor/ Nutritionist, Research on some websites based on the nutrition and Chat- bots in which we can able to answer all our queries based on importantly in Calories, Nutritional Food content, Diet plans, Balanced food based charts etc..This also gives the correct solution and answer for the Nutrition to get fit in our life.
4.	Social Impact / Customer Satisfaction	Being Healthy is very important and our project will help those who are trying to maintain their health. There are different food available and there are many undesirable contents in the food. Many people consume them unconsciously. Our project paves way for conscious eating and to control what we eat. This will help many people who are trying to eat according to their body needs like people with health conditions or some people who likes to consume healthy content. This can create a great awareness among the people and help them in many ways.
5.	Business Model (Revenue model)	The person using nutrition analyzer may avoid spending time and money for nutrition analyst instead by paying the less premium amount can communicate with nutritional specialists and get benefited.
6.	Scalability of the Solution	AI powered Nutrition Analyzer for fitness provides the clear procedure daily consumption of food maintain a healthy diet. According to their tracking system for the person nutrients intake can increased or decreased.

