Project Design Phase-I
Proposed Solution

Date	26-10-2022
Team ID	PNT2022TMID04910
Project Name	Nutrition Assistant Application
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	*This project aims at building a web App that automatically estimates food attributes such as ingredients and nutritional value by classifying the input image of food. Our method employs Clarifai's AI-Driven Food Detection Model for accurate food identification and Food APIs to give the nutritional value of the identified food*
2	Idea / Solution description	*The solution is a responsive web page that can be used on both mobile and computers. Cumulative results of pictures of the food as input and provide nutritional information of food are used to achieve accurate prediction. The website provides a user-friendly interface and accepts multiple samples predicting them simultaneously. A detailed report of the concerned person's health will be generated.*
3	Novelty / Uniqueness	● *Patients to More Easily Monitor their caloric intake and dietary Pattern to aid in weight and disease Management.* ● *Our method uses Clarifai's AI-driven food recognition model to accurately identify foods.* ● *A food API that reports the nutritional value of identified foods.* ● *Frequent checking of nutritional value and Customized food suggestions.* ● *Water and medicine monitoring* ● *Keep a food journal*

4	Social Impact / Customer Satisfaction	*Calculate the basal metabolic rate, body mass index, ideal weight, and caloric intake.*Nutrition-Focused Food Banking. Targeted Food Assistance Programs.
5	Business Model (Revenue Model)	*Revenue is generated on a subscription basis, with big data processing and targeted in-depth reporting reviews that paid subscriptions the best.*
6	Scalability of the Solution	*Furthermore, features can be extended in our application.* *Additional features such as sleep tracking andmenstruation tracking can be done.*