Project Design Phase - I
Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID36244
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 API's to give the nutritional value of the identified food
2.	Idea / Solution description	The solution is a responsive web page that can be used in both mobile and computers. Cumulative results of pictures of 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	- 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 - Menstruation tracking and reminder.

4.	Social Impact / Customer Satisfaction	While regularly tracking calories overconsumption of food can be avoided which will result in healthy weight and healthy lifestyle.

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, water tracking, menstruation tracking can be done.