

Project Design Phase-I
Proposed Solution Template

Date	08 November 2022
Team ID	PNT2022TMID27636
Project Name	Nutrition Assistant Application
Maximum Marks	2 Marks

Proposed Solution Template:

The project team shall fill in the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Due to ignorance of healthy food habits, obesity rates are increasing at an alarming speed, and this is reflective of the risks to people's health. People need to control their daily calorie intake by eating healthier foods, which is the most basic method to avoid obesity. Although food packaging comes with nutrition (and calorie) labels, it is not still convenient for people to refer.
2.	Idea / Solution description	The key search objectives are as follows: <ul style="list-style-type: none">• The proposed system would be able to determine the ingredients from the provided image.• The proposed system also consists of a nutrition API, which provides the amount of nutrition present in it.
3.	Novelty / Uniqueness	The current system is capable of calculating nutrition, but the user must provide food item manually. We are adding a system that is capable of detecting food items from an image, and this is uniqueness we made here besides from project constrain.
4.	Social Impact / Customer Satisfaction	Nutrition is a critical part of health and development. Better nutrition is related to improved infant, child, and maternal health, stronger immune systems, safer pregnancy and childbirth, and a lower risk of non-communicable diseases.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• An individual can use this application to take care of their diet.• Freemium Business Model.
6.	Scalability of the Solution	For scalability, the cloud is used which can handle any number of users and provide on-demand service and it helps different types of customers.

