

Project Design Phase-I

Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID08074
Project Name	Project – NUTRITION ASSISTANT APPLICATION
Maximum Marks	2 Marks

Proposed Solution Template:

The project aims at developing an application that provides nutritional information about various food items and eatables. The user can access the nutritional information by taking a photo of the food, uploading a photo from the gallery, or by entering manually. Goal-tracking assistance and fascinating diet plans will be made available for the user.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	How to provide nutritional assistance to the users from the image of the food they have input?
2.	Idea / Solution description	The solution can be brought by using Clarifai's AI-Driven Food Detection Model for getting accurate food identification and Food APIs to give the nutritional value of the identified food.
3.	Novelty / Uniqueness	Providing a user-friendly environment to access the nutritional information about the food by <ul style="list-style-type: none"> ▪ Taking the picture of the food ▪ Uploading from the gallery ▪ Entering manually ▪ Choosing from the provided list
4.	Social Impact / Customer Satisfaction	By giving periodic push notifications, diet plans or user goals, and getting feedback from the users for enhancement.
5.	Business Model (Revenue Model)	By introducing Paid membership, In-app advertisements, eCommerce (sponsoring the products of a brand associated with food industry).
6.	Scalability of the Solution	1. Being very adaptive to the inputs 2. Providing regular updates and upgradation 3. Ensuring the easy accessibility to the data base