

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID47422
Project Name	Project-Cloud based Nutrition Assistant Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Due to the ignorance of healthy foods, Obesity rates are increased at high speed and their reflective of risk to people's health. People need to control their daily calorie intake by eating healthy foods, which is most basic method to avoid obesity.
2.	Idea / Solution description	People can easily track Nutrition and Calorie values by QR or Barcode Scanner in real-time images of a food. This will help the dietary habits. This app will display the correct details about the food and will provide proper nutrition, helps in maintaining a healthy lifestyle and also recommended diet plans for users.
3.	Novelty / Uniqueness	This solution has the uniqueness that we can realize real time images and can easily analyze its nutritional content. This app can automatically estimate the food attributes with the input images. Our method employs Clarifai's AI-Driven Food Detection Model for accurate food identification and Food API'S to give the nutrition value of the identified food.
4.	Social Impact / Customer Satisfaction	The obesity rate will get reduced and people can be able to lead a healthy life. Also connect with Nutritionists Live for Suggestions & Tips through this app. Given badges and getting high star/rank based on the performance via application. It helps achieve and maintain a healthy weight.
5.	Business Model (Revenue Model)	This app will increase the confidence among the people. Social media is the best way to develop this app.
6.	Scalability of the Solution	People can access from anywhere at anytime to track the calories and nutrition value that will improve a healthy eating pattern. This App will improve the dietary habits and helps in maintaining a healthy weight and healthy

		lifestyle.
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