# Project Design Phase-I
## Proposed Solution Template

| Date | 19 September 2022 |
|---|---|
| Team ID | PNT2022TMID42897 |
| Project Name | Project – 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) | 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 |
| 2. | Idea / Solution description | The key research objectives are as follows:<br>• The proposed system would be able to determine the ingradents from the provided image.<br>• The proposed system also consists of a nutrition API, which provides the amount of nutrition present in the food. |
| 3. | Novelty / Uniqueness | The current system is capable of calculating nutrition, but the user must provide food item details manually. We are adding a system that is capable of detecting food items from an image, and this is a 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; a lower risk of non-communicable diseases (such as diabetes and cardiovascular disease); and longevity. |
| 5. | Business Model (Revenue Model) | It has multiple business models Some of it,<br>• An individual can use this application to take care of their diet.<br>• Nutrition assistants help dieticians with providing proper nutrition at healthcare facilities. |
| 6. | Scalability of the Solution | It provides access to a large number of users at a time with accurate information about nutrition. It can handle a large variety of food items. |