

Project Design Phase-I

Proposed Solution

Team Id: PNT2022TMID20048

Team Members:

Narain C A- 1912017

Tirugnanam M– 1912032

Venkatesh S – 1912035

Kaleeswaran S - 1912041

IV Year Students,Department Of CSE,

National Engineering College,

Kovilpatti.

Proposed Solution Template:

The project aims at developing an application that helps people to lead a healthy lifestyle by providing information about the ingredients and their nutritional content in the food they are consuming. By this people can avoid various health-related issues like obesity, heart attack, diabetics etc.

Monitoring and tracking of goal and diet plans will be provided for the user based on the data collected from them.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	It is easy to fall into a trap of eating unhealthy foods which is heavy in calories. Once the nutritional value is replaced by foods, we can ensure the good lives of the people.

2.	Idea / Solution description	<p>The solution is user can know the nutritional content of the food they areintaking, by taking picture of the food and uploading it in the app.</p> <p>Clarifai's AI-Driven Food Detection Model is used for getting accurate food identification and APIs to give the nutritional value of the identified food.</p>
3.	Novelty / Uniqueness	<ol style="list-style-type: none"> 1. Providing individual diet charts for users based on their BMI and medicalcondition if any. 2. Provides recipes according to theirdiet. 3.Providing a user-friendlyenvironment. 4.Provides different ways to access thenutritional information about the food by taking the snap of the food, uploading from the gallery, Entering manually.

S.No	Parameter	Description
4.	Social Impact / CustomerSatisfaction	Getting feedback from the users for enhancement and giving notification ontheir diet plans and goal tracking.
5.	Business Model (Revenue Model)	Advertising membership option for users to get more benefits like diet-plans or consultation from experts andIn-app advertisements.
6.	Scalability of the Solution	1. The application is user-friendly andinteractive. 2. Providing regular updates andupgradation. 3. Efficient goal tracking assistance. 4.Enables users to access nutritionalvalue of food in easy ways.