Project Design Phase-I

Proposed Solution

Date	07-NOV-2022
Team ID	PNT2022TMID38215
Project Name	Nutrition Assistant Application
Maximum Marks	2 Marks

Proposed solution:

S.No	Parameter	Description
1	Problem statement (Problem to be solved)	Due to ignorance of foods and lack of regular exercise obesity and health problems are increasing rapidly and leads to risk to people's health. The only way to control is to take adequate calories by eating healthy foods and avoid unhealthy foods. However, some food packaging has an added nutrition and calorie values, but it's not very comfortable to refer.
2	Idea / Solution description	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. Our method employs Clarifai's AI-Driven Food Detection Model for accurate food identification and Food API's to give the nutritional value of the identified food.

3	Novelty / Uniqueness	This solution has the uniqueness that we can realize real time images of meal and can easily analyze its nutritional content. A web app that can automatically estimate food attributes such as ingredients and nutrition value by classifying the input image.
4	Social Impact / Customer Satisfaction	The Obesity rate will get reduced and people will be able to lead a healthy life. It helps to achieve and maintain a healthy weight balancing in their routine life.
5	Business Model (Revenue Model)	Revenue is generated on a subscription basis, with big data processing and targeted in-depth reporting reviews that paid subscriptions the best.
6	Scalability of the Solution	➢ Easy to access. ➢ Different food recommendations based on their diet chart.