

Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Food is essential for human life and has been the concern of many health care conventions. A well-balanced diet provides all of the energy you need to keep active throughout the day. Nowadays new dietary assessment and nutrition analysis tools enable more opportunities to help people understand their daily eating habits, exploring nutrition patterns and maintain a healthy diet. Nutritional analysis is the process of determining the nutritional content of food. It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food.
2.	Idea / Solution description	The idea of the project is to build a model which is used for classifying the food items depends on the different characteristics like color, shape, texture etc.
3.	Novelty / Uniqueness	Here the user can capture the images of different food items and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the food items like Sugar, Fibre, Protein, Calories, etc..

4.	Social Impact / Customer Satisfaction	Low expenditure, easy to follow without affecting their personal time.
5.	Business Model (Revenue Model)	By using this system, the users can predict and analyze the picture of the fruits and foods. Free platform for all users. For specific guidance users want to pay.
6.	Scalability of the Solution	By implementing this system, people can efficiently and effectively gain knowledge about the fitness. Notifying motivational quotes to lead a healthy routine. This system can also be integrated with the future technologies.