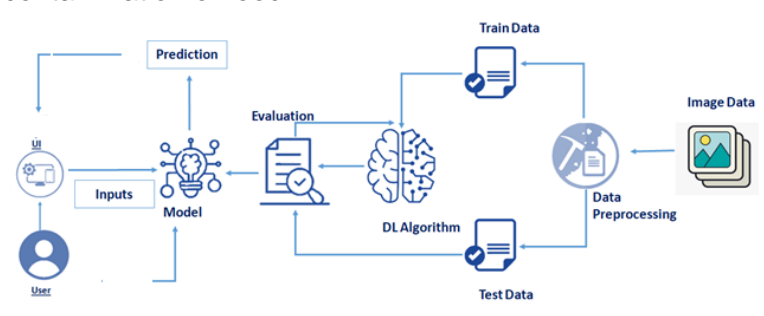


Project Design Phase-I Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID45438
Project Name	Project-AI Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>People are increasingly turning to technology to help them with wellness and fitness problems?</p> <p>The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc. Here the user can capture the images of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).</p>
2.	Idea / Solution description	<p>Food is essential for human life and has been the concern of many healthcare conventions. 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.</p> 
3.	Novelty / Uniqueness	<p>The Uniqueness of the Project is to add chatbots assistant (this Tool helps add convenience for customer queries) to interact with customers AI powered chatbots</p>

4.	Social Impact / Customer Satisfaction	AI is revolutionizing the health industry. From improving marketing and sales decisions, AI is now also being used to reshape individual habits. For instance, AI can easily track health behaviours and repetitive exercise patterns and use the data to guide you towards your fitness journey.
5.	Business Model (Revenue Model)	We can get paid to the users and we allow advertisements related to nutrition and fitness in the revenue based system.
6.	Scalability of the Solution	It can be used by all age of people and It is a smart calorie counter powered by AI. Their artificial intelligence learns an individual's tastes, preferences, and body type and then tells exactly what to eat. These recommendations aim to leverage foods one already has, offer ingredient substitutions and hit one's nutrition targets.