Project Design Phase-I
Proposed Solution

Date	1 OCTOBER 2022
Team ID	PNT2022TMID38600
Project Name	AI - Powered Nutrition Analyzer For Fitness Enthusiasts
Maximum Marks	2 Marks

S.No.	Parameter	Description
	Problem Statement (Problem to be solved)	- 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. - The main aim of the project is to build a model which is used for classifying the fruit depending on the different characteristics like color, shape, texture etc. - Here the user can capture the images of different fruits and then the image will be sent the trained mode

	Idea / Solution description	Clear and proper identification of the given input data. Provide nutritional facts based on the obtained data. Fitness analysis and maintenance as per the user's body conditions
		
		● Additional Benefits
		    1.Water level monitoring
		    2.Sleep cycle monitoring
		    3.Health Condition Monitoring

	Novelty / Uniqueness	- An individualized food plan based on health condition and deficiency. - Allowing for diet flexibility helps promote a healthy and effective eating pattern. - Reminder about allergic food and daily water consumption
	Social Impact / Customer Satisfaction	- Developing a health conscious Society by providing information about day to day consumption of food - It improves quality human life

	Business Model (Revenue Model)	- Additional features for premium users - Advertise and offer nutritional supplements and fitness gear - Promotion for fitness centers and hospitals.
	Scalability of the Solution	- Improving accuracy by expanding the data collection using user input data - Storage requirements of a specific food. - User friendly UI for everyone to use and get benefit from it