

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Title	AI powered nutrition analyzer for fitness enthusiasts
College Name	AVS College of Technology
Team Id	PNT2022TMID42147

Functional Requirements:

FR.No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Application Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Detail	Detail about health status Select and specifying about health status
FR-4	User Satisfying	The satisfaction of each user is a must, the performance of the application should be optimized in order to keep every user for a long time.
FR-5	Identifying Image	Find the nutritional contents of the food or drink.
FR-6	User Management	Creating a group of people, who are willing to be fit in their health and making them organized in a sample place, through which they can collaborate and also can achieve their goals with others, by encouraging each other.

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">➤ Dataset for all food/drink to identify the nutritional content of them.➤ The user able to use without any difficulties.
NFR-2	Security	<ul style="list-style-type: none">➤ AI powered nutrition analyser for fitness should contain more security in which our data which entered or maintained should be more security.➤ It can access more securable and the data are private. It should be social-economic which should access to sufficient and safe to use.
NFR-3	Reliability	<ul style="list-style-type: none">➤ It is easy to find that is he/she can compare the nutrition-based food with other nutrition related application.➤ With the proper guide and proper information in which we can get a nutrition properly and we can have got a proper fitness plan.
NFR-4	Performance	<ul style="list-style-type: none">➤ The nutritious food to meet their dietary needs and the food preferences for an active and healthy life.➤ It should suitable in all situations that exists to all people, at all times.
NFR-5	Availability	<ul style="list-style-type: none">➤ Easy to access Data.➤ Fast and Efficient.➤ User Friendly.
NFR-6	Scalability	<ul style="list-style-type: none">➤ Increase the prediction of nutritional in food.➤ AI powered Nutrition Analyzer for fitness provides the clear procedure daily consumption of food and helps the user to maintain a healthy diet.