

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

Date	03 October 2022
Team ID	PNT2022TMID42325
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data Input	Getting the person information.
FR-4	Data processing	Upload the data and classify it.
FR-5	Data Classification	Identify the person's information.
FR-6	Data description	Suggesting the diet plans

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Datasets of all the food and nutrition used to detection the diet plans.
NFR-2	Security	User and Data
NFR-3	Reliability	The food quality and predicting the nutrition
NFR-4	Performance	The performance is based on the quality of the food used for nutrition.
NFR-5	Availability	It is available for all user to predict the diet plan.
NFR-6	Scalability	Increasing the diet plan and nutrition