

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

Team ID	PNT2022TMID24705
Project Name	Project – AI-Powered Nutrition Analyzer for Fitness Enthusiasts

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 process would done through form Registration process would done through Email Registration process would done through LinkedIn
FR-2	User Confirmation	Confirmation via OTP would send through the Email to get valid information.
FR-3	User Login	Login through Google accounts or using registered Email
FR-4	Choose package	Selection of desired package
FR-5	Generate the daily plan	Plans would be generated by dietician, Daily.
FR-6	Manage progress report	Reports are made using database that they provided
FR-7	Query	The user can ask any query on changing plan

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Used easily with interactive User Interface
NFR-2	Security	User can get only his/her info, without getting any update from user other cant able to access.
NFR-3	Reliability	The average time of failure shall be 7 days.
NFR-4	Performance	The results has to be shown within 15 sec
NFR-5	Availability	The dietician shall be available to users (24*7)
NFR-6	Scalability	Supports various food items