

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

Date	03 October 2022
Team ID	PNT2022TMID21658
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	User Login	Login through Google Login through Email
FR-4	Choose Package	Selection of desired package
FR-5	Generate the daily plan	Daily plans will be generated by dietician
FR-6	Manage Process report	Gathering information from data and generating report
FR-7	Query	The user can ask change in the diet plan

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Use with very easy interactive User interface
NFR-2	Security	User can access only their personal information not other information
NFR-3	Reliability	The average time of failure shall be 7 -8 days.
NFR-4	Performance	The results has been shown to be 20 sec.
NFR-5	Availability	The dietician shall be available for 24x7 for the users.
NFR-6	Scalability	Supports various food items.