

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

Date	17 October 2022
Team ID	PNT2022TMID20581
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	Query	The user can ask for changes in plan

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Easy to use with interactive User Interface
NFR-2	<b>Security</b>	User can access only their personal information
NFR-3	<b>Reliability</b>	The average time of failure shall be 7 days or 1 month
NFR-4	<b>Performance</b>	The result has to be shown within 5 sec
NFR-5	<b>Availability</b>	The dietician shall be available to users 24 hours a day or 7 days of a week
NFR-6	<b>Scalability</b>	Supports various food items