

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

Date	23 October 2022
Team ID	PNT2022TMID25778
Project Name	Nutrition analyzer

**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 create profile page
FR-2	User Confirmation	Confirmation via OTP
FR-3	Providing Healthy Diet Plan	Add Diet plans based on their BMI and amount of fat content taken by user.
FR-4	Recommend Exercises	Track how much fat content does user eat in that day.
FR-5	Set Reminder	User will able to set reminder to schedule their exercises.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The app helps to estimates the amount of Calorie intake in order to maintain our health.
NFR-2	<b>Security</b>	This app effectively manages the security of its application systems, protecting information from unauthorized access, modification or destruction in order to provide integrity, confidentiality and availability.
NFR-3	<b>Reliability</b>	This application operates without failure while in a specified environment.
NFR-4	<b>Performance</b>	User wants to know how much calories they take in a day. BMI based diet plans will be recommended.

NFR-5	<b>Availability</b>	Fitness apps are like a one-stop station where you can monitor all your lifestyle parameters like step count, diet, water intake, blood parameters and workout routine.
NFR-6	<b>Scalability</b>	Users can know their intaking calories by following the diet plan recommended. Physical activity observation. This feature will require an additional gadget similar to Mi Band that tracks steps, sleeping activity, heart rate, etc.