

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

Date	08 October 2022
Team ID	PNT2022TMID36412
Project Name	Nutrition Assistant Application
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 Email Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Track the calories	Track the calories by adding food items into the respective field
FR-4	Make a proper diet chart	Add health details to make a proper diet chart
FR-5	Use recommended food	Recommendations can be in the form of a consulting with chosen specialist
FR-6	Set alert	Get alert for missing of calories

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	This application helps you set goals, monitor your weight trends & track your intake based on the specific diet plan you select. It also offers detailed nutrient information for each ingredient in your food menu & a daily analysis to help keep you on track .
NFR-2	<b>Security</b>	This application effectively manages the security of its application systems, protecting information from unauthorized access, modification, or destruction in order to provide integrity, confidentiality & availability.
NFR-3	<b>Reliability</b>	This application operate without failure while in a specified environment
NFR-4	<b>Performance</b>	Enter everything you eat & drink during the day, & then let the application approximate the number of calories & nutrients you're consuming.

NFR-5	<b>Availability</b>	Fitness apps are like to one-stop station where you can monitor all your lifestyle parameters like step count, diet, water intake, blood parameters and workout routine. This application have a huge positive impact on your health.
NFR-6	<b>Scalability</b>	User's can track their calories by adding food items into the respective fields, so the system can calculate whether they consumed the required number of calories. Observes physical activity. This feature will require an additional gadget similar to Mi band that tracks steps, sleeping activity, heart rate etc.