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

Date	21-10-2022
Team ID	PNT2022TMID36392
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 Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Make a Proper diet chart	Add health details to make a proper diet chart
FR-4	Track the calories	Track the calories by adding food items into the respective field
FR-5	Use recommended food	Recommendations can be in the form of a live consulting with chosen specialist
FR-6	Set alert	Get alert for the missing of calories

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The app helps you set goals, monitor your weight trends, and track your intake based on the specific diet plan you select. It also offers detailed nutrient information for each ingredient in your food log and a daily analysis to help keep you on track.
NFR-2	**Security**	This application effectively manage the security of its application systems, protecting information from unauthorized access, modification, or destruction in order to provide integrity, confidentiality and availability.
NFR-3	**Reliability**	This application operate without failure while in a specified environment.
NFR-4	**Performance**	Enter everything you eat and drink during the day, and then let the app approximate the number of calories and nutrients you're consuming. If you're trying to lose or gain weight, you'll get a daily calorie goal to shoot for, too.
NFR-5	**Availability**	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.

		You don't need to maintain different diaries or books to keep a record of all these things. Fitness apps help improve your lifestyle habits, as they have a huge positive impact on your health.
NFR-6	**Scalability**	Users can track their calories by adding food items into the respective field, so the system can calculate whether they consumed the required daily number of calories. Physical activity observation. This feature will require an additional gadget similar to Mi Band that tracks steps, sleeping activity, heart rate, etc.