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

Date	03 October 2022
Team ID	PNT2022TMID03794
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	Track the calories	Track the calories by adding food items into the respective field
FR-4	Notifications	Get tips for balanced diet.
FR-5	Search for ingredients	Search for particular ingredient and get its nutritional value.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	With the help of this application, you can measure your intake, check your weight trends, and establish targets based on the particular diet plan you've chosen. Additionally, it delivers a daily analysis to keep you on track as well as comprehensive nutritious information for each element in your food plan.
NFR-2	**Security**	In order to offer integrity, confidentiality, and availability, this application efficiently controls the security of its application systems, shielding data from unauthorised access, modification, or destruction.
NFR-3	**Reliability**	When used in a specific environment, this application runs without error.

NFR-4	**Performance**	Enter everything you consume throughout the day to get an approximation of your daily caloric and nutritional intake.
NFR-5	**Availability**	You can track all of your lifestyle factors, including step count, nutrition, water intake, blood parameters, and exercise regimen, using fitness applications. The influence of this application on your health is really advantageous.
NFR-6	**Scalability**	By entering food items into the appropriate areas, users can keep track of their calorie intake, allowing the system to determine whether they consumed the required number of calories. catches sight of exercise.