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

Date	09.11.2022
Team ID	PNT2022TMID12711
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Workout plans	User add workout plans based on their activities and track how much calories does user eat in that day.
FR-4	My food	Add or manage your own food we have already data base more than ten thousand items and receipes.
FR-5	Diet plan	Add diet plan based on user needs.
FR-6	Set Reminder	User will able to set reminder to schedule their Exercises.
FR-7	Provide how much water user have to take per day	Based on their BMI, we display how much water they have to take per day.
FR-8	Feed back	User gives feedback make else

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This application used to track calories of the food intake by the peoples. The food are classifying the input image of the Food.
NFR-2	Security	Protecting information from unauthorized access. Modification or destruction in order to provide integrity, confidentiality and availability.
NFR-3	Reliability	This application operates without failure at any environment.
NFR-4	Performance	User wants to know how much calories they take in a day, they have to upload the images of the food they eat. If users take some extra amounts of calories in a day, the app suggests some simple exercises to lose the amount of fat added to their body. The BMI based diet plans will be recommended.
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.
NFR-6	Scalability	Users can track their calories by uploading the images of the food. Physical activity observation.