

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

Date	15.10.2022
Team ID	PNT2022TMID45910
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	Diet plan	Add diet plan based on user needs
FR-4	Workout plans	User add workout plans based on their activities and track how much fat content does user eat in that day
FR-5	My food	Add or manage your own food we have already data base more than 10000 items and receipes
FR-6	Feed back	User give feedback make ease
FR-7	Set Reminder	User will able to set reminder to schedule their exercises.
FR-8	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.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This web application used to track calories of the food eaten by 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	<p>User wants to know how much calories they take in a day, they have to upload the images of the food they eat.</p> <p>If users take more amounts of calories in a day, the app suggests some simple exercises to lose the amount of fat added to their body</p> <p>BMI based diet plans will be recommended</p>
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	<p>Users can track their calories by uploading the images of the food. Physical activity observation.</p> <p>This feature will require an additional gadget similar to Mi Band that tracks steps, sleeping activity, heart rate,etc</p>