

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

Date	11October 2022
Team ID	PNT2022TMID32153
Project Name	Project – 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 Gmail Registration through mobile number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User profile completion	Get all the required details about user such as weight, height, health issues, Etc
FR-4	Gather food image	User take live photo of a food Upload photo of a food
FR-5	Display calorie information	Calculate the calorie level Display that details to user
FR-6	Diet plans	Create various diet plans for user

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This application helps you to 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	Security	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	Reliability	This application operate without failure while in a specified environment
NFR-4	Performance	Enter everything you eat & drink during the day, & then let the application approximate the number of calories & nutrients you're consuming.

NFR-5	Availability	<p>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.</p> <p>NFR-</p>
NFR-6	Scalability	<p>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.</p>