

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

Date	16 October 2022
Team ID	PNT2022TMID35650
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 user registration page, Registration details sent through email
FR-2	User Confirmation	Confirmation via Email, Confirmation via OTP
FR-3	Nutrition analyzer	Recognizes nutritional value of food in image captured
FR-4	Daily Tips	Generate healthy dietary tips on daily basis
FR-5	BMI Calculator	Using input weight and height, calculate BMI of user

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly with dashboard system
NFR-2	Security	Unique ID and password provided. Assures all the data inside the system will be protected and restricts unauthorized access
NFR-3	Reliability	Error data tolerance and fault prevention
NFR-4	Performance	Responsive web Application with high speed performance. The application must support 1,000 users per hour and provide 6 seconds or less response time in a desktop browser, including the rendering output time
NFR-5	Availability	Available on google play store, IOS App store. User is able to access website anytime with ease.
NFR-6	Scalability	The application must be scalable enough to support 10,000 visits at the same point in time while maintaining optimal performance across all visits worldwide.