

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

Date	25 October 2022
Team ID	PNT2022TMID26133
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 E-mail and phone number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User profile	Get personal details
FR-4	Meal image	Upload image, scan image
FR-5	Display	Integrate clarifai's and nutrition API to get nutritional values

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Provide user friendly UI
NFR-2	Security	authorization and authentication for each system actor
NFR-3	Reliability	The system must perform without failure
NFR-4	Performance	Each page must be responsive with 5 seconds gap
NFR-5	Availability	services should be available all time except for server maintenance
NFR-6	Scalability	Provide horizontal or vertical scaling