

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

Date	12 October 2022
Team ID	PNT2022TMID37648
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
FR-2	User Confirmation	Confirmation via Email
FR-3	Data collection	Collection of required input data
FR-4	Data analysis	Process the given inputs using CNN and Nutrion API
FR-5	Data processing	Evaluate the data and store it in database and integrate in cloud containers
FR-6	Provide output to user	Display the result to the 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 and overall satisfaction of the user while using the website
NFR-2	Security	The website provides proper authentication and verification
NFR-3	Reliability	The site always provides reliable outputs and lacks failures
NFR-4	Performance	Provides 100% efficiency of the output
NFR-5	Availability	The product is readily available for all kinds of users when needed
NFR-6	Scalability	Effective in obtaining good accuracies