

**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	<b>Usability</b>	User-friendly and overall satisfaction of the user while using the website
NFR-2	<b>Security</b>	The website provides proper authentication and verification
NFR-3	<b>Reliability</b>	The site always provides reliable outputs and lacks failures
NFR-4	<b>Performance</b>	Provides 100% efficiency of the output
NFR-5	<b>Availability</b>	The product is readily available for all kinds of users when needed
NFR-6	<b>Scalability</b>	Effective in obtaining good accuracies