

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

Date	14 October 2022
Team ID	PNT2022TMID33204
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Details	Registering Through a Google Form
FR-4	Server Calculation	Computing Information Eg : - Age , Height , Weight
FR-5	Notification	The server will provide notifications based on your intake of food and water.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	To Evaluate all the Food dataset for nutritional Content of the item
NFR-2	Security	Information , User Health status and Nutritional Information about food are highly Secured.
NFR-3	Reliability	To provide nutritive information about food, image quality is crucial.
NFR-4	Performance	It will be based on the End product Development Phase
NFR-5	Availability	It is Available for all the People who think and are worried about their health and want to maintain a fit and healthy body
NFR-6	Scalability	The product can increase its efficiency by based on the user experience and Feedback of the Customers

