

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

Date	03October 2022
Team ID	PNT2022TMID10879
Project Name	Project - 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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Problem	Most of the users have to use multiple apps to track their fitness activity, do workout, exercises & meal planning. People loose interest after a while as they find it very cumbersome to use different apps and keep track of it.
FR-4	Solution by Application	Mobile application that will help users develop the habit of practicing daily to track their progress (activity, meal, nutrition intake, workout. etc.) and stay motivated especially when they are slacking.
FR-5	User Feedback	The user have the feedback option to send their pros and cons about the nutritional instructions after following it.
FR-6	Default Solution	The most common nutritional problem faced by the user will be visible in home page with suitable solution.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Customers can solve their issues related to the site easily via Email.
NFR-2	Security	It is secured because each user will have specified account and only they can access it.
NFR-3	Reliability	The update process in the website and website does not affect the actual web page and user information.
NFR-4	Performance	The site will be loaded within 7 seconds that access the website using the Wi-Fi.
NFR-5	Availability	Can be available for any time. If any of the page experience the problems must

		display a notification with timer showing when the system is going to up again.
NFR-6	Scalability	The traffic limit is scalable enough to support many user at a time