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

Team ID	PNT2022TMID04889
Project Name	AI powered nutrition analyser for fitness enthusiasts

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	All the registered users will be verified with email For non-registered users, the user can visit the website free of cost and also can view the common practices for fitness.
FR-2	USER MANAGEMENT	The application gives the ability to ask questions about a problem.
FR-3	USER SATISFYING	The satisfaction of each user is a must, so UI/UX should be more than enough to engage the user in the platform and the performance of the application should be optimized in order to keep every user for a long time
FR-4	USER ENGAGEMENT	The user should be engaged in the application at least once a day to get notified about the latest and good practice on fitness.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It should be user friendly and comfortable The results should be self-explanatory so that it can be understood by common people
NFR-2	Security	With the help of the username and password it provides more security in which it can access more securable and the data are private.
NFR-3	Reliability	AI powered nutrition analyser for fitness should have proper data and information in which we can get a correct information about food items.
NFR-4	Performance	It should provide a greater number of users to consume the data at the same time.
NFR-5	Availability	Easy to access Data. Available 24/7. User Friendly.
NFR-6	Scalability	The application can be scalable. More number of food items and its related contents can be added.