

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

Date	03 October 2022
Team ID	PNT2022TMID33999
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 marks

Functional Requirements:

Following are the functional requirements of the proposed system

FR No.	Non-Functional Requirement	Description
NFR-1	Reliability	During a month, this application must run flawlessly in 95% of use scenarios. Trusted details from server.
NFR-2	Security	Provides assurance that any data inside the system will be secure against malware assaults and illegal access. In the face of attacks, this application must maintain its resilience. The application's behaviour will be accurate and predictable.
NFR-3	Usability	Efficient for a large user base. Users are delighted with the system since they can quickly comprehend what the application does.
NFR-4	Performance	Using the provided data, they determine their nutritional status and will accompany over all day. Less Response time recorded.
NFR-5	Scalability	The application must be scalable enough to accommodate 10,000 concurrent visitors while still performing at its best. Each Customer must Receive a Healthy Life and the right diet maintenance based on Calorie prediction.
NFR-6	Availability	Users an access every time. Email and chat-bot accessible