

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

Date	03 October 2022
Team ID	PNT2022TMID51161
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 Web application Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Personal information	Collecting personal information for calculation

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Efficient for the frequent users, User can easily understand what the application does and feel satisfied with the system.
NFR-2	Security	Assures all the data inside the system will be protected against malware attacks or unauthorized access. This application must remain resilient in the face of attacks. The behaviour of the application must be correct and predictable.
NFR-3	Reliability	This application must perform without any failure.
NFR-4	Performance	This application supporting high amount of users per hour must provide 6 seconds or less response time in a desktop browser, including the rendering of text and images, over an good network connection.
NFR-5	Availability	It must be available to user for any time. Users can access any time without any hesitation.
NFR-6	Scalability	It construct with scalable so it can supports for many users at a single time.