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

Date	16 October 2022
Team ID	PNT2022TMID32819
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User access	Should able to access the current and previous data
FR-4	User security	Two step verification process should be implemented.
FR-4	Performance	Large number of data should be accessed by the application in order to provide more information. Response must be fast .
FR-5	Display	The correct information must be given to the user in the display .

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	A user can access the information through the application without consuming time.
NFR-2	Security	Users information must be maintained secretly .
NFR-3	Reliability	A user can access the information that is previously stored at any time.
NFR-4	Performance	Web application loading time is not more than few seconds. Information should be passed to the user in particular time.
NFR-5	Availability	A user can access the resources at free of cost they can collect the information which they required.
NFR-6	Scalability	Accessibility is faster when number of user increases.