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

Team ID	PNT2022TMID42577
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
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile	Filling the profile page after logging in
FR-4	Scan the image	Capture the image of the fruits or food
FR-5	Data processing	Provide the nutrition contents of the food

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system allows the user to perform the tasks easily and efficiently and effectively
NFR-2	**Security**	Assuring all data inside the system or parts will be protected against malware attacks or unauthorized attacks
NFR-3	**Reliability**	The website does not recover from failure quickly it takes time as the application is running in single server
NFR-4	**Performance**	Response time and net processing time is fast
NFR-5	**Availability**	The system will be available up to 95% of the time
NFR-6	**Scalability**	The website is scalable