

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

Date	03 October 2022
Team ID	PNT2022TMID25338
Project Name	AI-BASED 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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	Fill the profile page after logging in
FR-4	Scan The Image	Capture the images of the fruits
FR-5	Data Processing	Provide the nutrition contents of the fruits

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 users to perform task easily and efficiently
NFR-2	Security	Ensuring that all data inside the system is shielded from malware assaults and unauthorised intrusions
NFR-3	Reliability	The website takes time to recover from failure as it runs on a single server
NFR-4	Performance	Response time is fast
NFR-5	Availability	The system will be available most of the time
NFR-6	Scalability	It is scalable