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

Date	03 October 2022
Team ID	PNT2022TMID35826
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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Upload fruit image	User has to upload the input as fruit image to the webpage
FR-4	Terms and conditions	Acceptance to use of personal data
FR-5	Transaction processes	Confirmation via Email Confirmation via OTP

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	● The webpage should be user interactive with graphics ● the use should be able to navigate through the webpage with ease
NFR-2	**Security**	● Only authorized user should be able to access the system and its stored data ● Security can be ensure by including captcha and verification OTP
NFR-3	**Reliability**	● User information and stored data should not be shared with third party ● The application should be in use till a advanced version is found
NFR-4	**Performance**	● The webpage should not have any delay in loading ● The application should be able detect the fruit with great accuracy and efficiency
NFR-5	**Availability**	The webpage should be available for various users with simultaneous access
NFR-6	**Scalability**	The application should be able to detect various fruit at an instant as the technology improves