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

Date	03October 2022
Team ID	PNT2022TMID27062
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 -> User Confirmation	Registration through Form -> Confirmation via OTP Registration through Gmail -> Confirmation via Email Registration through LinkedIN
FR-2	Image processing	To understand the nutrition package with the images
FR-3	System function	Nutritional facts will be based upon image that user uploaded
FR-4	User profile	Users have to register themselves. It contains personal information
FR-5	Nutrition content	Based on given information will calculate nutritional level
FR-6	Dashboard/Progress	Generates report to users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User friendly interface for using the application
NFR-2	**Security**	User's information are secured in server
NFR-3	**Reliability**	Authenticated user only can access the app
NFR-4	**Performance**	Better performance comparing to other apps
NFR-5	**Availability**	Most of the information needed for users are available without any subscription
NFR-6	**Scalability**	The application is very user friendly to everyone and can get benefit from it.