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

Date	03 October 2022
Team ID	PNT2022TMID53113
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 Instagram Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email
FR-3	Identification of Nutritional Value in a particular fruit	Identify nutritional value from given input picture and display information to the user
FR-4	Share diet plans with friends	Sharing diet plans by adding fruits taken every day that might engender interest in dieting

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy to use and control information given in the application.
NFR-2	**Security**	Preventing misuse of information is considered to be the topmost priority in the developed application .
NFR-3	**Reliability**	Highly reliable, prone to less failure due to the availability of the application in a cloud environment.
NFR-4	**Performance**	The application is developed in such a way that the classification of fruits and information regarding the nutritional values are concordant with actual observations.
NFR-5	**Availability**	The application is available as a web application which is the most common way in which people look up information on the internet.
NFR-6	**Scalability**	The application can be further scaled to create a mobile application and can further help in providing information on nutritional values of vegetables.