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

Date	13 October 2022
Team ID	PNT2022TMID16702
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 Mobile Number Registration through Google Account Registration through Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via Call
FR-3	User Location Capturing Process	Provide Access to Location Through Map Provide Access to Upload Location Through Map
FR-4	User food Reminder	Remind the User to take their healthy and tasty food At right time through remaindering alarm.
FR-5	Feedback	User can take feedback or ratings from the Customer through Chats.
FR-6	Order Confirmation	User can know their food level from customer through: Order Confirmation Through message Order Confirmation Through OTP Order Confirmation Through Call

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It should be user friendly and comfortable.The results should be self explanatory so that it can be understood by common people
NFR-2	**Security**	AI powered nutrition analyzer for fitness should contain more security in which our data which entered or maintained should be more security.
NFR-3	**Reliability**	It is easy to find that is he/she can compare the nutrition based food with other nutrition related application so, it can easily rectify whether it is reliable or not.
NFR-4	**Performance**	The nutritious food to meet their dietary needs and the food preferences for an active and healthy life.
NFR-5	**Availability**	Avoids Data redundancy and inconsistency. Fast and Efficient. User Friendly.
NFR-6	**Scalability**	The architecture for AI powered Nutrition Analyzer for fitness provides the clear procedure daily consumption of food and helps the user to maintain a healthy diet.