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

Date	08 October 2022
Team ID	PNT2022TMID54057
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

Functional Requirements:

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 Login	User can login to the application whom already have an registered account
FR-4	Add health details	The application allow user to add health related information
FR-5	Update health information	This application allow user to update their health related information anytime
FR-6	Uploading image	The application is able to get image from the user
FR-7	Identification of image	The System should able to identify the image of the food given using model.
FR-8	Display the nutrition value	The system must be able to display the nutrition value of the food with the help of nutrition API
FR-9	View food history	The user must be able to have a log of all the foods they have scanned on the application

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Must have an interactive and friendly user interface
NFR-2	**Security**	Authentication of users is done for security purpose to secure the user information from unauthorized access, modification or destruction in order to provide integrity, confidentiality and availability.
NFR-3	**Reliability**	The system must always perform its operations promptly and reliably to provide accurate nutritional values.
NFR-4	**Performance**	User must have a compatible system having high internet or network level. User satisfaction is ensured by getting their feedback.
NFR-5	**Availability**	Accessible to each individual who has smart phones, PCs and tablets with the good internet access. It doesn't have any premium plans so it's available for every user.
NFR-6	**Scalability**	This application can be used in all operating system and it can handle quite large quantity of users and well equipped to handle huge workloads too.