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

Date	13 October 2022
Team ID	PNT2022TMID00797
Project Name	Nutrition Assistant Application
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	Respective of Gender	Provides the result for the food image according to the gender they registered. Example:Male,Female
FR-4	Advanced Filtering features.	Provides the result according to the customer's data. Example:Adult,teens,Pregnant Woman
FR-5	Advanced Image detecting feature	Specialized camera for detecting only the food on the plate to identify the calorie content
FR-6	Data Saving Capabilities.	Customers can save their obtained data of the food image detected for future reference.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Provides easy access for users with little technological experience.
NFR-2	**Security**	Personalized data about the users such as BMI,height,weight,metabolic rate is maintained securely by making it unavailable to the third person,by making the users to create their own password.
NFR-3	**Reliability**	Ensures fast resource access by providing immediate response to the food image detected.
NFR-4	**Performance**	Provides best performance by using their current weight and the target in the app to scan food for calories.
NFR-5	**Availability**	Depending on the user's preference, information can be showed in their convenient language.
NFR-6	**Scalability**	Makes life easier for individuals who need to track their daily food intake for healthy reasons.