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

Date	04 November 2022
Team ID	PNT2022TMID02938
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 Gmail And set a strong password
FR-2	User Confirmation	Confirmation via Email
FR-3	User Login	User can Login to the Application only when they completed their Registration
FR-4	User Profile Completion	Get personal Details like Height , Weight
FR-5	Uploading image	From the Folder , Food Image is obtained for detection
FR-6	Identification of Image	Obtain the ingredients of the detected food image
FR-7	Display the nutritional value	Integrate Clarifai API to get nutritional value /calorie information
FR-8	Save Data	View the nutritional value of the food detected in the past as History

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Provide User Friendly UI in which Only Registered user is allowed to use the Application
NFR-2	**Security**	Protecting user information from third party. Authentication is done for security purpose.
NFR-3	**Reliability**	Provide immediate response to the Food image Detected. The user gets the Standard Nutritional value of the given detected food
NFR-4	**Performance**	The performance of the application depends upon the network and internet level
NFR-5	**Availability**	Its available to every people who has smart phones, laptops and tablets with the good internet service. It nor has any premium plans so it is available for every registered user.
NFR-6	**Scalability**	This Application can handle quite large number of users and can withstand with high traffic.