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

Date	03 October 2022
Team ID	PNT2022TMID49091
Project Name	Project - 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
FR-2	User Login	Logging in using username
FR-3	Changing Password	password recovery using email
FR-4	Analyzing image	uploading image
FR-5	getting food name and ingredients	uploading image to clarifai's api
FR-6	getting nutrition values of food	requesting information from rapid api's nutrition api

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	clean UI and good UX
NFR-2	**Security**	Password protection
NFR-3	**Reliability**	highly accurate AI model
NFR-4	**Performance**	Very fast
NFR-5	**Availability**	web app usable in all devices
NFR-6	**Scalability**	kubernetes software for scalability