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

Date	03 October 2022
Team ID	PNT2022TMID12404
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
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile Completion	Get personal details like height, weight, etc.
FR-4	Gather meal image	Upload photo Take live photo of the meal.
FR-5	Display calorie information	Integrate Calorie API to get name of the food Integrate Nutrition API(rapid API) to collect calorie information.

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 Simple and intuitive design
NFR-2	Security	Comprehensive authorization and authentication scheme for each system actor
NFR-3	Reliability	The system must perform without failure in 95 percent of use cases.
NFR-4	Performance	The landing page supporting several users must provide 5 seconds or less response time.
NFR-5	Availability	Uninterrupted services must be available all time except the time of server updation.
NFR-6	Scalability	Provide horizontal or vertical scaling for higher workloads.