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

Date	18 October 2022
Team ID	PNT2022TMID02763
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 And set a unique Password.
FR-2	User Login	User can login to the Application page whom already registered the registration.
FR-3	User Request	The user sends the request to the server to know about the food nutrition value and calories
FR-4	Server Response	The server sends the response to the user sent requested, that to display the nutrition value of the user sent image.
FR-5	User activity	The user will check the BMI value through the BMI calculator and then get the proper diet plan.
FR-6	User -> Server Server -> User (User interaction with the application)	First the user will send the request, (they took a picture and upload it to the page) then the server responds the user sent request (the server notify the picture and upload the nutrition value of the given picture).

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The client will utilize the application through the web. There is an eating diet plan for individual BMI esteemed individual. In this way, that was viable to the client.
NFR-2	**Security**	We maintain the normal secured protocol for the security frameworks. To prevent the user information's.
NFR-3	**Reliability**	Its so dependable to the clients on the grounds that the data we are giving on the web application is completely taken the nutrition expert and some top references of the nutrition value pages.
NFR-4	**Performance**	The performance of the application relies upon the network and internet level of high. What's more, it's performed when the server frameworks on.
NFR-5	**Availability**	Its accessible to each individual who has smart phones, PCs and tablets with the great web access. Its nor has any premium plans so its available for every user.
NFR-6	**Scalability**	Its about the server framework side and we are offering a support for a short scale of users. This application will run how long the server frameworks were going through.