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

Date	15/10/2022
Team ID	PNT2022TMID23713
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 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 user will use the application through the internet. There is a diet plan for individual BMI valued person. So, that was effective to the user.
NFR-2	**Security**	We maintain the normal secured protocol for the security systems. To prevent the user information's.
NFR-3	**Reliability**	Its so reliable to the users because the information we are providing on the web application is totally taken the nutrition consultant and some top references of the nutrition value pages.
NFR-4	**Performance**	The performance of the application depends upon the network and internet level of high. And it's performed when the server systems on.
NFR-5	**Availability**	Its available to every people who has smart phones, laptops and tablets with the good internet service. Its nor has any premium plans so its available for every user.
NFR-6	**Scalability**	Its all about the server system side and we are providing a service for a short scale of users. This application will run how long the server systems were going through.