

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

Date	15 October 2022
Team ID	PNT2022TMID16563
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. And set a unique Password.
FR-2	Login	User can login to the Application page whom already registered the registration.
FR-3	User Request	User sends the request(image) to the server to know about the food nutrition.
FR-4	Server Responds	Server responds to the request and sends the value about food nutrition.
FR-5	User activity	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)	User will send the image to the server to know about the nutrition value and server will recognize the image and sends the nutrition value.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Users are maintain the diet plan using this web application and check the BMI value using BMI calculator. It is easy to use.
NFR-2	<b>Security</b>	We maintain the normal secured protocol for the security frameworks. To prevent the user information's.

NFR-3	<b>Reliability</b>	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	<b>Performance</b>	This web application works via network and internet level of high. client will send the information(picture) to the server and server will responds the information without any delay.
NFR-5	<b>Availability</b>	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	<b>Scalability</b>	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.