

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

Date	21 October 2022
Team ID	PNT2022TMID23697
Project Name	Project - Ai-Powered Nutrition Analyzer For Fitness Enthusiasts
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	<p>Collaborating the client through web interface and mechanized voice to answer the client inquiries and to guide them in a legitimate manner to keep up with their wellness.</p> <p>In the web interface,</p> <ul style="list-style-type: none"> <li>● There will be isolated and extraordinary highlights for the enlisted client to get customized and well characterized counsel and great practice talks to keep up with their wellness.</li> <li>● Every one of the enrolled clients will be confirmed with either email or portable number in view of their interest in giving their data, yet all at once the confirmation is a must one.</li> <li>● For non-enlisted clients, the client can visit the site liberated from cost and can actually look at the supplement esteem in the products of the soil, and furthermore can view the normal practices for wellness.</li> </ul>
FR-2	User Confirmation	<p>Making a gathering, who will befit in their wellbeing and making them coordinated in a sample place, through which they can team up and furthermore can accomplish their objectives with others, by empowering each other. The application provides the capacity to seek clarification on pressing issues about an issue in the wellness gatherings, through which they can work actually.</p>
FR-3	User Satisfying	<p>The fulfilment of every client is an unquestionable requirement, so UI/UX should to be all that anyone could need to draw in the client in the stage furthermore, the exhibition of the application should to be upgraded to save each client for quite a while. On an occasional stretch (like once in month), we really want to communicate balanced with every single client to address the inquiries</p>
FR-4	User Engagement	<p>The client should to be participated in the application in any event. When daily to become informed about the most recent and great practice on wellness which is suggested by the backend model</p>

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The majority of the web clients are portable clients, and most of them are just involving some normal application for imparting in view of the elements they offer. so the application should to be effectively available by clients and furthermore it ought to can report an issue by the client to tackle it straightaway.
NFR-2	<b>Security</b>	While sign in to the application the information is scrambled also, profoundly got which can stay away from information copyright infringement. Verification and approval are to be finished appropriately through the application
NFR-3	<b>Reliability</b>	Application can offer you to keep fixed on your diet plan. It offers to keep up with your calories in your wanted food. It shows precisely calories for the client that makes to support in solid way of life
NFR-4	<b>Performance</b>	Execution of the application should to be high enough to keep up with the client in the application and likewise to get new clients. Execution can be expanded by utilizing streamlined code and furthermore lessening the diverts and furthermore can by DSA
NFR-5	<b>Availability</b>	Despite the fact that it is a decent application for enlisted clients, it can offer least usefulness to the non-enlisted clients and furthermore to increment the crowd base.
NFR-6	<b>Scalability</b>	The application should to be basically as much as versatile, in request to build the quantity of clients in light of their interest