

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

Date	03 October 2022
Team ID	PNT2022MID37892
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	<ul style="list-style-type: none">Registration through Gmail
FR-2	User Confirmation	<ul style="list-style-type: none">Confirmation via EmailConfirmation via OTP
FR-3	User Authentication	<ul style="list-style-type: none">Authentication Via Password
FR-4	User Details	<ul style="list-style-type: none">Enter the User ageEnter the User HeightEnter the User Weight
FR-5	Priority	<ul style="list-style-type: none">The system will provide the user to access the data bases inside the application and customize according to their basis.
FR-6	Features for User	<ul style="list-style-type: none">The user can customize their Nutrition Content Chart based upon their BMI and Weight goal to be achieved.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">The Application can be used by the Any kind of user who's having a basic knowledge about their Body and their Maintenance calories.
NFR-2	Security	<ul style="list-style-type: none">The Security system of the application is up to date the data keeps the data safe and secure.
NFR-3	Reliability	<ul style="list-style-type: none">The application system work all the day to keep pushing of the remainder notification of the Individual to take nutrients
NFR-4	Performance	<ul style="list-style-type: none">The Application works on a simple calculation mechanism which can well perform in any kind of System.
NFR-5	Availability	<ul style="list-style-type: none">The Application is generally designed for all every Operating system including both IOS & Android.
NFR-6	Scalability	<ul style="list-style-type: none">The Application is more dynamic so that user can adjust their Data and Chart anywhere, anytime.