

Solution Requirements (Functional & Non-functional)

Date	14 October 2022
Team ID	PNT2022TMID34147
Project Name	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	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login into the application through Google or any other browsers.
FR-4	User access	User can able to access the all the data.
FR-5	Choose package	Can able to choose their package according to their needs.
FR-6	Execution	If the user access more data provided in the application, at the instant of time. The execution must be fast.
FR-7	Image capturing	User can able to upload the image in the application, it analysis the image and provide accurate nutritional data's of the image.
FR-8	Plans	The daily diet plans are generated by the experts and it can be change, according to the user needs.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User can able to use the application without any difficulties. It is easy to use and understand the applications.
NFR-2	Security	Users are not able see others details. User details also secured by encryption. Privacy of data should be ensured.
NFR-3	Reliability	The application should correctly identify the uploaded image and shows the accurate nutritional value of the image.

NFR-4	Performance	The application is very fast to fetch the details. The application fetched the details and shown into the display less than few seconds.
NFR-5	Availability	User can access the application all the time without any difficulties. The dietician experts are also available in all the time.
NFR-6	Scalability	The applications can able to support all the versions. When the number of user increases, the accessibility is fast.