

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

Date	13 October 2022
Team ID	PNT2022TMID13551
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 Access	Should be able to Access the current as well as the previous data.
FR-4	User Security	Application should be secured and also it should have two step verification.
FR-5	Performance	Application should be able to access huge amount of data and provide information in a span of time
FR-6	Display	The Application should display the information in same page and their should be a download option

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	A user can access the information through the application without consuming time .
NFR-2	<b>Security</b>	confidentiality and authentication of user information is maintained.
NFR-3	<b>Reliability</b>	A user can access the information that is previously stored at any time.
NFR-4	<b>Performance</b>	Web application loading time is not more than few seconds.
NFR-5	<b>Availability</b>	A user can access the resources at free of cost they can collect the information which they required.
NFR-6	<b>Scalability</b>	It can be accessed easily with an increased number of users.

