

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

Date	18 October 2022
Team ID	PNT2022TMID50788
Project Name	Power-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 Mobile Number Registration through Email Registration through Social-Media
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login using the registered credentials through browsers Like Google
FR-4	Choose diet package/plan	Selection of desired/prescribed package
FR-5	Generate daily diet chart	Daily diet charts and exercise schedules generated by Dietician
FR-6	Progress report management	Gathering information from database and generating Report on period basis.
FR-7	Query and Feedback	User can ask their doubts. Can give Feedbacks and share their experience on this platform.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Easy to use with interactive User Interface.
NFR-2	<b>Security</b>	User's data are accessible only by user allowed entities and not by other users.
NFR-3	<b>Reliability</b>	Maximum accuracy in the result shown.
NFR-4	<b>Performance</b>	Maximum waiting time be 10 sec. Relevant results in first try.
NFR-5	<b>Availability</b>	The virtual dietician will be available 24/7. Available of some features in Offline too.
NFR-6	<b>Scalability</b>	Can be logged in various devices at same time. Varieties of Food search results.