

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

Date	03 October 2022
Team ID	PNT2022TMID02289
Project Name	AI-POWERED NUTRITION ANALYSER 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	User can login using their personal details and go through the home page of the application.
FR-4	Select Package	User can select the package by looking into the offers, and duration of the package.
FR-5	Generate The Diet Plan	Diet and exercise plans will be generated for the user to keep their health fit.
FR-6	Generate Report	Gathers report from database and generate report to the user.
FR-7	Update details	The details like age, height, weight, eating habits, food intake, medical history, is updated in database.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system will depend on the user interface to acquire output.
NFR-2	Security	A web application prevent attacks and hacks for the user.
NFR-3	Reliability	It doesn't have down time and it's accessible when needed.
NFR-4	Performance	It delivers quick outcome and accurate information.
NFR-5	Availability	It doesn't have a single point of failure and available anytime
NFR-6	Scalability	Hardware can be added according to the accommodation of user.