

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	3 November 2022
Team ID	PNT2022TMID53820
Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1.	User Registration	<ul style="list-style-type: none">➤ Registration Through Form➤ Registration Through Gmail➤ Registration through LinkedIn
2.	User Confirmation	<ul style="list-style-type: none">➤ Confirmation Via Email➤ Confirmation Via OTP
3.	User Login	<ul style="list-style-type: none">➤ Login through Google Login through Email
4.	Choose package	<ul style="list-style-type: none">➤ Selection of desired package
5.	Generate the daily plan	<ul style="list-style-type: none">➤ Daily plans will be generated by dietician
6.	Query	<ul style="list-style-type: none">➤ The user can ask for changes in plan

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
1.	Usability	➤ Easy to use with interactive User Interface
2.	Security	➤ User can access only their personal information
3.	Reliability	➤ The average time of failure shall be 7 days or 1 month
4.	Performance	➤ The result has to be shown within 5 sec
5.	Availability	➤ The dietician shall be available to users 24 hours a day or 7 days of a week
6.	Scalability	➤ Supports various food items