

Solution Requirements (Functional & Non- Functional)

Date	03 October 2022
Team ID	PNT2022TMID52143
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

S.NO	Functional Requirements(Epic)	Sub Requirements(Story/ Sub-Task)
1	User Registration	Registration through Form. Registration through Gmail. Registration through LinkedIn.
2	User Confirmation	Confirmation via Email. Confirmation via OTP.
3	Data Input	Getting the person information.
4	Data Processing	Upload the data and classify it.
5	Data Classification	Identify the person's information.
6	Data Description	Suggesting the diet plans.

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Non-Functional Requirements:

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

S.NO	Non-Functional Requirements	Description
1	Usability	Datasets of all the food and nutrition used to detection the diet plans.
2	Security	User and Data.
3	Reliability	The food quality and predicting the nutrition.
4	Performance	The performance is based on the quality of the food used for nutrition.
5	Availability	It is available for all user to predict the diet plan.
6	Scalability	Increasing the diet plan and nutrition.