

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

Date	03 October 2022
Team ID	PNT2022TMID32693
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
FR-2	User Login	Log in through credentials
FR-3	Selection of Image	Selection of the desired image for analysis

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Interactive User interface
NFR-2	Security	User profile data are highly secured and can be accessed only by them.
NFR-3	Reliability	The performance will be consistent.
NFR-4	Performance	The results are displayed in 6-7 seconds maximum
NFR-5	Availability	The tool analyses 24/7.
NFR-6	Scalability	Supports various food items