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

Team ID	PNT2022TMID15853
Project Name	Project - Project - Al-powered Nutrition Analyzer
	for Fitness Enthusiasts
Maximum Marks	4 Marks

## **Functional Requirements:**

Following are the functional requirements of the proposed solution.

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## Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application should be easy to use for the users.  The interface should be simple to use and understand. The image capture process should be quick and painless.
NFR-2	Security	Users' personal information and calorie calendars should not be disclosed or shared with other users.  Data privacy must be protected.
NFR-3	Reliability	The application must correctly identify the fruits in the captured image and calculate their nutritional value. The calories should be counted and calculated precisely.
NFR-4	Performance	The application should be built on a highly efficient prediction model to ensure accurate results.  It should consider the complexities of time and space.
NFR-5	Availability	The application should be accessible and efficient to its users at all times. It should not experience problems such as application crashes.
NFR-6	Scalability	The application should be able to support feature and functionality updates. The system should be designed in such a way that it can be upgraded using the existing underlying architecture.