

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

Date	03 October 2022
Team ID	PNT2022TMID00728
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	Internet Browser	Camera Access for browser.
FR-2	Visual Input	Images of fruits. Live capture.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Can be used by anyone with a simple web browser.
NFR-2	Security	No sensitive data is required to run the program.
NFR-3	Reliability	Program uses highly efficient ML techniques.
NFR-4	Performance	Lightweight and fast.
NFR-5	Availability	Open Source.
NFR-6	Scalability	If required, can be improved upon with additional models.