

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

Date	31 October 2022
Team ID	PNT2022TMID12370
Project Name	AI-Powered Nutrition Analyzer forFitness Enthusiasts
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	Provide User name and Password
FR-2	User Login	Login using User name and Password
FR-3	Upload image to classify	User has to click upload button to classify an image.
FR-4	Generate the nutrition facts	After identification of fruit its nutritional information is displayed.
FR-5	Manage progress report	Reports will be generated from database

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly hence easy to use.
NFR-2	Security	Only authenticated users can have access.
NFR-3	Portability	Can be used from anywhere.
NFR-4	Performance	Accurate results are displayed.
NFR-5	Availability	The system is available 24/7.
NFR-6	Scalability	Supports various food items