

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

Date	15 - 10 - 2022
Team ID	PNT2022TMID44123
Project Name	AI – Powered Nutritional 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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Making Payments	Payment via Bank Transfer Payment via UPI
FR-4	Capturing Image	Capturing the image of the fruit via capture option
FR-5	Retake Image	Retake the image if image is not clear using retake option
FR-6	Upload image	Uploading image via upload button

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The app or website is very simple for the user. English is used in the app. So people all over the world can use. Even uneducated people can use this app by seeing the interface.
NFR-2	Security	The data given to the app or website while registering is secured. No unauthorized user can access the data.
NFR-3	Reliability	The application is more reliable because user can retake the image if the image is not clear.
NFR-4	Performance	The app is very fast because there are no avoidable steps.
NFR-5	Availability	The application is highly available because of good backend service
NFR-6	Scalability	This website is highly available for small scale as well as large scale