

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	26 October 2022
Team ID	PNT2022TMID43817
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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login with Gmail account or username and password
FR-4	Webpage process	Taking tour and understanding website functions
FR-5	Capture Image	Capturing image of the food
FR-6	Image process	Uploading image and analysing
FR-7	Form/Query form	Description of issues in page

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	To provide the solution to the problem
NFR-2	Security	Track of login authentication
NFR-3	Reliability	Tracking of decade status through email
NFR-4	Performance	Effective development of web application
NFR-5	Availability	24 hours and full week service
NFR-6	Scalability	Agents scalability as per the number of customers