

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	8 November 2022
Team ID	PNT2022TMID13327
Project Name	Project – 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	Dashboard and food logging	User will find information such as food intake, progress in achieving fitness goals and various nutritional and healthy eating tips.
FR-4	Integration with fitness trackers	Feature for integration of wearables or fitness trackers.
FR -5	Push notifications	An important element of any mobile app must utilize it for health and diet app development

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The app will be user-friendly and provide accurate results
NFR-2	Security	Nutrition app allow users to monitor their physical activity which leads to maintain a proper healthy diet
NFR-3	Reliability	Home-based fitness assessments using x app were reliable and feasible in young and healthy adults
NFR-4	Performance	The app will increase the high performance

NFR-5	Availability	The property of an application is there and ready to carry out its task when you need it to be
NFR-6	Scalability	The model developed using multiple datasets which will be useful for future enhancement, however it improves scalability