

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

Date	03 October 2022
Team ID	PNT2022TMID15785
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,IBM CLOUD
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Upload Image of the food	Existing image should be uploaded in the web api
FR-4	Get the results declared by the analyzer	View data

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Used many times for several food images
NFR-2	Security	Only registered users can access
NFR-3	Reliability	Always reliable since the model is running in the IBM cloud
NFR-4	Performance	High performance
NFR-5	Availability	Always available in Cloud
NFR-6	Scalability	High