

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

Date	14 November 2022
Team ID	PNT2022TMID04168
Project Name	Project - <b>AI-powered Nutrition Analyzer for Fitness Enthusiasts</b>
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	<b>Usability</b>	Used many times for several food images
NFR-2	<b>Security</b>	Only registered users can access
NFR-3	<b>Reliability</b>	Always reliable since the model is running in the IBM cloud
NFR-4	<b>Performance</b>	High performance
NFR-5	<b>Availability</b>	Always available in Cloud
NFR-6	<b>Scalability</b>	High