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

Date	18-10-2022
Team Id	PNT2022TMID00893
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

Solution Requirements:

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
Fr-1	User Registration	Register through form.
Fr-2	User Confirmation	Confirmation via OTP.
Fr-3	Capture Image	Capture the image of the fruit and check the parameter of the captured image.
Fr-4	Image Processing	Upload the image for the prediction of the nutrition in the details.
Fr-5	Fruit identification	Identify the fruit and predict the nutrition.
Fr-6	Image Description	Show the nutrition details in fruit.

Non-Functional Requirements:

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Datasets of all the fruit is used to detecting the nutrition that present in the fruit.
NFR-2	Security	The information belongs to the user and fruit are secured highly.
NFR-3	Reliability	The fruit quality is important for the predict the nutrition in fruit.
NFR-4	Performance	The performance is based on the quality of the fruit used for nutrition prediction.
NFR-5	Availability	It is available for all user to predict the nutrition in the fruit.
NFR-6	Scalability	Increasing the prediction of the nutrition.