Project Design Phase -II

Solution Requirements (Functional &Non-functional)

Date	23-10-2022
Team ID	PNT2022TMID43309
Project Name	AI-POWERED NUTRITION ANALYSER FOR FITNESS ENTHUSIASTS
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirements(Epic)	Sub requirements (story/sub-task)
FR-1	Monitor Diet	Through smart phone applications and wearable technology it is easy to monitor the diet of the patient.
FR-2	Monitor Physical Activity	HCPs use the data about diet to gain insight in the nutrients intake and use this in their daily work.
FR-3	Monitor Glucose Values in Patients	Regular contact between the patient and the analyzer monitor the pharmacological management of glycaemic control.
FR-4	Measure nutrition	Mobile app scans the food item and display the amount of nutrition present in it.
FR-5	Health care instruction	Scans the patient health condition and provides proper instructions to improve their health.

Non- functional Requirements:

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

FR No.	Non-Functional Requirements	Description
NFR-1	Usability	It is easy to use for the HCPs.

NFR-2	Security	It is well secured.
NFR-3	Reliability	Nutrition analyzer often use inaccurate methodology and suffer from self-recall bias.
NFR-4	Performance	High performance.It can easily detect the amount of nutrition present in the food.
NFR-5	Availability	It provides proper information about the diet condition of the patient.
NFR-6	Scalability	It is non-scalable in some condition,it may gives wrong result.