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

Date	14 October 2022
Team ID	PNT2022TMID44856
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 Google+ Registration through Fitbit Registration through Phone Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Confirmation via Mail, User_Id & Password
FR-4	User Informations	By filling a Personal Info page that contains Basic details, BMI, Blood Group, Individual Body Deficiency, Special Medical Condition, Preference of Use.
FR-5	Dashboard information	This collects certain information from the user by asking questions like for what purpose you are here?
FR-5	Home Page	A neat Home page that contains A Camera Button, Interesting Facts and recipes about fruit and Vegetable
FR-6	User Profile	Users need to fill a page that Contains Personal information and so on.
FR-7	Tab (Diet Plan)	User will get a Diet Plan Chart According to their Body Conditions
FR-8	Tab (Workout)	User will get a Appropriate Workout Plans and Exercises
FR-9	Tab (Random Tips or Healthy Tips)	User will get a daily Healthy Tips, And They can add those tips to their Remainder and Dashboard
FR-10	Steps and Calorie Tracker	Using Location of a User and Traveling Distance By walk will be calculated and shown in Dashboard
FR-11	Chat box	We provide a ChatBox to Interact with all Users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	- User Friendly Interface and Free to Use - Voice Assistance - Friendly and attractive Chat Bot
NFR-2	**Security**	- Every Data of a User will be Maintained in a Secure Manner 2 Step Authentication - App Lock
NFR-3	**Reliability**	- Every actions will be Saved in IBM Cloud - No Third-Party Access
NFR-4	**Performance**	- Data Saver - Dark Mode/Night Mode - Reduce the usage of images in Frontend so that the web app can load faster
NFR-5	**Availability**	- It is a Web Application so that it can run on any device which has the Basic Requirements (Display, Camera, Browser) - Available in Play Store
NFR-6	**Scalability**	- It is a Web Application so that it can run on any device Like Mobile and Desktop - It can be Updated Easily - We Can Convert it into a Normal App in Future - We can use it in a Various Platforms