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

Name	JAMUNA
Team ID	PNT2022TMID44777
Project Name	NUTRITION ASSITANCE APPLICATION
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 Gmail Registration through Form Registration through LinkedIN
UFRse-2r	Confirmation	Confirmation via Email Confirmation via OTP
DFRie-t3	Plan can customize based on user needs	
MFRy- N4utrition	Can add or update the existing food plan based on user n	
FeRe-d5s	Workout walking, gym	
FR-6	Nutrients Display	Display nutrients through IBM Cloud
FR-7	Consultation	User can get consultation with doctor whenever the user want

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Usage of Python as a programming language Flask as a Python framework Docker as a software platform IBM cloud as a cloud storage IBM DB2 as a database support
NFR-2	**Security**	Only authorized users can login to the app which provides high security for nutrition journey

NFR-3	**Reliability**	Reliable as it includes accurate BMI calculation and efficient nutrient display.
NFR-4	**Performance**	Provision of relevant scanning of food and best diet plan which makes the user follow a healthy diet.
NFR-5	**Availability**	Fitness at your hand makes easy availability with the nutrition ,workout,better lifestyle.
NFR-6	**Scalability**	The database base can be updated accordingly. The input details can be changed by the authorized user anytime.