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	
PeRe-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.