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

Date	12 October 2022
Team ID	PNT2022TMID23092
Project Name	Nutrition Assistant 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	Sign in / Login	Register with username, password.
FR-2	Profile Registration	Register with username, password, email, This data will be stored in a database.
FR-3	Upload Food image	Upload the image which should be eaten.
FR-4	Nutrition Content Display	Display Nutrition and Calories present in the food.
FR-5	Reduce obesity	User can reduce their obesity based on the instructions given by the application.
FR-6	Logout	Use logout option.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The webpage will be designed in such a way that any non-technical user can easily navigate through it. (easy and simple design)
NFR-2	**Security**	Using of python flask to cloud connect will provide security to the project. Database will be safely stored in DB2.
NFR-3	**Reliability**	To make sure the application doesn't go down due to network traffic.
NFR-4	**Performance**	Focus on loading the application as quickly as possible irrespective of the number of user/integrator traffic.
NFR-5	**Availability**	The application will be available to all users (network connectivity is necessary) at any given point of time.
NFR-6	**Scalability**	Increasing the storage space of database can increase the number of users. Add some features in future to make the webpage unique and attractive.