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

Date	03 October 2022
Team ID	PNT2022TMID42688
Project Name	Project – DemandEst – AI powered Food Demand Forecaster
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Home page	The user is directed to the home page
FR-4	Sample use	The user would use the web application for calculating sample ideas so that he would get an idea of using it
FR-5	Adding sub-users and creating network	The user could add his co-workers in his application page and form a network.
FR-6	Feedback and support	After deployment, continuous customer support using the feedback

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The web application is required for the people working in food industry for calculating the required amount of food for a particular time period
NFR-2	**Security**	The passwords and emails of the users are stored in the encrypted form. Only if the password matches the encrypted form, the user would able to access their database
NFR-3	**Reliability**	The data stored in the web application is safe as it needs the correct password and verification to access the stored information
NFR-4	**Performance**	The web application is designed in such a way that, no matter how many users using it at a time, the performance of the application remains the same
NFR-5	**Availability**	The web application is available in all platforms
NFR-6	**Scalability**	It works in a fixed scalability