

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

Date	15 October 2022
Team ID	PNT2022TMID36553
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	<b>Usability</b>	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	<b>Security</b>	The passwords and emails of the users are stored in the encrypted form. Only if the password matches the encrypted form, the user would be able to access their database
NFR-3	<b>Reliability</b>	The data stored in the web application is safe as it needs the correct password and verification to access the stored information

NFR-4	<b>Performance</b>	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	<b>Availability</b>	The web application is available in all platforms
NFR-6	<b>Scalability</b>	It works in a fixed scalability