

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

Date	18 October 2022
Team ID	PNT2022TMID44529
Project Name	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	To gain a feel of how to use it, the user would use the web application to calculate example ideas.
FR-5	Adding sub-users and creating network	The user could create a network by including his coworkers on his application page.
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	For people who work in the food industry to calculate how much food is needed for a particular time period, they must use a web application.
NFR-2	Security	User's emails and passwords are kept in an encrypted form. The user can only access his database if the password matches the encrypted form.
NFR-3	Reliability	Since access to the stored data requires a valid password and verification, the web application's data cannot be hacked.
NFR-4	Performance	The web application is created in a way that ensures that performance is constant regardless of how many users are accessing it at once.
NFR-5	Availability	The web application is available in all platforms
NFR-6	Scalability	It works in a fixed scalability