

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

Date	20 <sup>TH</sup> October 2022
Team ID	PNT2022TMID14136
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	<b>Usability</b>	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	<b>Security</b>	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	<b>Reliability</b>	Since access to the stored data requires a valid password and verification, the web application's data cannot be hacked.
NFR-4	<b>Performance</b>	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	<b>Availability</b>	The web application is available in all platforms

NFR-6	<b>Scalability</b>	It works in a fixed scalability
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