

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

Date	21 October 2022
Team ID	PNT2022TMID01345
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	<ul style="list-style-type: none">Registration through FormRegistration through GmailRegistration through LinkedIn
FR-2	User Confirmation	<ul style="list-style-type: none">Confirmation via EmailConfirmation via OTP
FR-3	Home Page	<ul style="list-style-type: none">User is directed to the home page
FR-4	Sample use	<ul style="list-style-type: none">To acquire a feel of how to utilize it, the user would utilize the web application to calculate sample ideas
FR-5	Feedback and Support	<ul style="list-style-type: none">Finally continue customer support using the feedback from user

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">People who work in the food industry to calculate how much food is required for a specific time span, they should utilize a web application.
NFR-2	Security	<ul style="list-style-type: none">The email's and passwords of User kept in an encrypted form.The user can only access his database if the password matches the encrypted form
NFR-3	Reliability	<ul style="list-style-type: none">Food or order demand prediction.Operate for a given time without error.
NFR-4	Performance	<ul style="list-style-type: none">Accurately predicts the order.To Encourage Customer Loyalty.And also Boost Sales.
NFR-5	Availability	<ul style="list-style-type: none">The web application is available in all platforms.

		<ul style="list-style-type: none"> ● And Streamline operations
NFR-6	Scalability	<ul style="list-style-type: none"> ● Based on region. ● Based on cuisine. ● Based on food interest.