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

Date	07 NOVAMBER 2022
Team ID	PNT2022TMID06027
Project Name	DEMANDEST-AI POWERED FOOD DEMAND FORECASTER
Maximum Marks	4 Marks

DemandEst - AI powered Food Demand Forecaster

Functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	This parameter specifies how difficult it will be for a user to learn and run the system. Usability may be accessed from a variety of points.
NFR-2	**Security**	Security requirements ensure that software is protected from unwanted system access and that it is saved in data. Reliability describes how likely it is that the software will operate without failure for a particular amount of time.
NFR-3	**Reliability**	Reliability suffers as a result of errors in the code, hardware failures, and issues with other system components.

NFR-4	**Performance**	It is a quality attribute that describes the system's responsiveness to various user interactions with it.

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	Website Entry	Collecting User data and storing it in Database
FR-4	Permissions	Location, storage, Contacts

Non-functional Requirements:

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

NFR-5	**Availability**	All operations can benefit from services. The data is easily accessible here. We can receive info anytime we need it.
NFR-6	**Scalability**	Scalability outlines how the system must grow without compromising its performance. This entails more users, more data processing, and more transactions. In this strategy, customers profit from evaluating their industry data, which gives predictions on day-to-day analysis of food sold and reduces food waste by projecting sales movements.