

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

Date	03 October 2022
Team ID	PNT2022TMID32677
Project Name	Project -Demand Est-AI Powered Food Demand Forecasting
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 Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Home Page	User is directed to interactive home page.
FR-4	Premium	Organizations which need a prediction to made in frequent intervals can make use of premium.
FR-5	Updates & Support	Frequent updates can be expected which makes the work smoother and easy.
FR-6	Own space	Create their own organizational space which can be used by the admin & co-workers.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Organizations and businesses which are based on food products can predict the requirements for a specific time.
NFR-2	Security	Data about their requirements about food or about the organization are authenticated.
NFR-3	Reliability	Since it's a secured web application its more reliable.
NFR-4	Performance	Our application is designed in such a way that any number of users can access it at once, it will work perfectly without lagging.
NFR-5	Availability	No specific constraints for accessing our application, so it's available in any platform irrespective of OS etc.
NFR-6	Scalability	Since our application is hosted on IBM cloud, its scalable.