

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	10 November 2022
Team ID	PNT2022TMID19852
Project Name	Project - AI powered-Food Demand Forecaster
Maximum 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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Home page	The user Is directed to home page
FR-4	Sample use	The user would use the web application for calculating sample ideas so that he would get an idea of using it
FR-5	Adding sub users and creating network	The user would add his co-workers in his application page and form an network
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	The web application is required for the people working in food industry for calculating the required amount of food for a particular time period
NFR-2	Security	The passwords and emails of the users are stored in the encrypted form. Only if the password matches the encrypted form, the user would able to access their database
NFR-3	Reliability	The data stored in the web application is safe as it needs the correct password and verification to access the stored information
NFR-4	Performance	The web application is designed in such a way that no matter how many users use at a time its performance remains the same and by using Advanced model and Ensemble Techniques performance is boosted
NFR-5	Availability	The web application is available in all platforms
NFR-6	Scalability	Ability to increase or decrease in performance and cost in response to changes in application and system processing demands.

