

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

Date	20 October 2022
Team ID	PNT2022TMID40397
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	User Login	The registered restaurateur / User can login the application using the details
FR-4	View Forecast	The restaurateur can view the demand forecast of the next 10 weeks
FR-5	Manage Account	User can manage the account by resetting the passwords, etc
FR-6	Feedback	Feedback is provided for the predictions.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application should be usable in such a way that it provides accurate prediction
NFR-2	Security	User's emails and passwords are kept in an encrypted form. The user can only access his database if the password matches the encrypted
NFR-3	Reliability	The predictions provided should be trustable by the users

NFR-4	Performance	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	Availability	The application should have no downtime It should be available in all platforms
NFR-6	Scalability	It should handle a growing number of users and load without compromising on performance.