Project Design Phase-II
Solution Architecture (Functional & Non-Functional)

Date	16th October 2022
Team ID	PNT2022TMID09878
Project Name	DEMANDEST – AI POWERED FOOD DEMAND FORECASTER
Maximum Marks	4 Marks

Functional Requirements:

Following are the Functional Requirements of the Solution Architecture.

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	**Website Entry**	Collecting user's data and storing it in the Database
FR-4	**Permissions**	Location, Storage, Contacts

Non-functional Requirements:

Following are the Non-functional Requirements of the Solution Architecture.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Defines how difficult it will be for a user to learn and operate the system. Usability can be accessed from different points.
NFR-2	**Security**	Security requirements ensure that the software is protected from unauthorized access to the system and it's stored in data.
NFR-3	**Reliability**	Reliability defines how likely it is for the software to work without failure for a given period. Reliability decreases because of bugs in the code, hardware, failures and problems with other system component.
NFR-4	**Performance**	It is quality attribute that describers responsiveness of system to the various user interactions with it.
NFR-5	**Availability**	Services are available for use with all operations. Here the data is readily available. We can get data whenever it is needed.
NFR-6	**Scalability**	Scalability describes how the system must grow without negative influence on its performance. This means serving more users, processing more data, doing more transactions. In this model costumer gets benefits on analyzing their industry data and provides prediction on day to day analysis of food that sold and reduce the wastage of food by predicting its sales movements.