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

Date	03 October 2022
Team ID	PNT2022TMID40240
Project Name	Project - 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	The web ordering system	Create an account. Manage their account. Login to the system. Navigate the restaurant's menu. Select an item from the menu. Review their current order.
FR-2	Menu Management system	Add a new/update/delete vendor to/from the menu. Add a new/update/delete food category to/from the menu. Add a new/update/delete food item to/from the menu. Update price for a given food item.
FR-3	Order Retrieval system	Retrieve new orders from the database. Display the orders in an easily readable,graphical way. Mark an order as having been processed and remove it from the list of active orders.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should provide an interactive user-friendly interface that is easily understandable for all users.
NFR-2	**Security**	Only authorized users must be able to access the system and view and modify the data.
NFR-3	**Maintainability**	The software should be easily maintainable and adding new features and making changes to the software must be as simple as possible.
NFR-4	**Dependability**	The system should provide consistent performance with easy tracking of records and updating of records.

NFR-5	**Availability**	The system should be available at least during the restaurant operating hours and must be recovered within an hour or less if it fails. The system should respond to the requests within two seconds or less.
NFR-6	**Configurability**	Configurability is just as important as integrability.