

Project Design Phase-II
Functional Requirements

Date	15 October 2022
Team ID	PNT2022TMID13001
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	Sub Requirement
1	predict the demand for the next 10 weeks.	Create an appropriate machine learning model to forecast the number of orders to gather raw materials for the next ten weeks.
2	Reduce risk of wastage	The Algorithm should precisely predict the right amount for raw materials needed for the next ten weeks. To reduce raw material wastage.
3	Visualization	To present patterns, trends in the form of graphs and pie-charts.
4	Accuracy	More accurate model outcomes result will give better demand forecasting
5	Clean UI	Make the information easier to access, easier to learn and navigate.
6	Assist business	Should offer insightful analysis of past data to boost business sales.