

Project Design Phase-I
Proposed Solution

Date	22 September 2022
Team ID	PNT2022TMID35762
Project Name	DemandEst - AI Powered Food Demand Forecaster
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> ➤ There is a risk of wastage, and not enough goods or raw materials could result in out-of-stocks. ➤ Make superfluous work automated.
2.	Idea / Solution description	<ul style="list-style-type: none"> ➤ Develop software that can predict the food demand for next 10 weeks. ➤ Inventory and Order management.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ Fast orders. ➤ Gathering timely, sufficient, and accurate demand data for estimation. ➤ Enhanced productivity. ➤ Improve customer relationship.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ Order accuracy. ➤ Fast Service and deliver on time. ➤ Customer Friendly interaction. ➤ Serve good raw materials. ➤ Available for 24/7.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ Careful preparation must go into the procurement process. ➤ Forecasting demand can assist to cut down on raw material waste, which lowers operating costs. ➤ By promptly meeting customer needs and expectations. ➤ Accurate demand estimates are quite useful for staffing the centers.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ➤ Highly expandable. ➤ Quality and Taste. ➤ Maintenance.