

Ideation Phase
Define the Problem Statements

Project Name	Project - DemandEst - AI powered FoodDemand Forecaster
Maximum Marks	2 Marks

FOOD DEMAND FORECASTING

PROBLEM STATEMENT 1:

“The company needs to predict the demand and reduce the wastage of food”

QUESTION	DESCRIPTION
WHO does the problem affect?	The company that deals with food delivery services is impacted by the issue.
WHAT are the issues and boundaries of the problem?	The possibility of food waste is a problem, and not having enough could result in out-of-stocks, which would force customers to turn to your competitors for assistance.
WHEN does the issue occur?	When demand cannot be accurately predicted, a concern arises.
WHERE is the issue occurring?	The problem is on the side of the business trying to forecast demand.
WHY is it important that we fix the problem?	The business can forecast the volume of orders and gather raw resources thanks to it.

PROBLEM STATEMENT 2:

“Problem faced by customer who is placing the order”

QUESTION	DESCRIPTION
WHO does the problem affect?	The buyer who is placing the order is impacted by the issue.
WHAT are the issues and boundaries of the problem?	The problem is that orders take longer than expected and that food is occasionally unavailable.
WHEN does the issue occur?	When the company's side is lacking in raw supplies.
WHERE is the issue occur?	When demand cannot be predicted, there is a problem on the company's end.
WHY is it important that we fix the problem?	To satisfy customers and grow the firm from a corporate standpoint.