

Ideation Phase
Define the Problem Statements

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| 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 |
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| 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. |