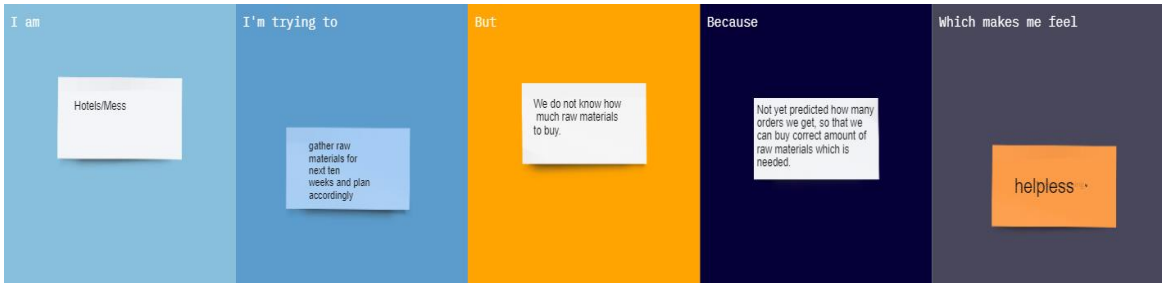
Ideation Phase
Define the Problem Statements

Date	17 November 2022
Team ID	PNT2022TMID20841
Project Name	DemandEst - AI powered Food Demand Forecaster
Maximum Marks	2 Marks

DEMANDEST - AI POWERED FOOD DEMAND FORECASTER:

The most important measure for a food delivery company is to accurately forecast daily and weekly demand of the customers and keep track of the inventory on a regular basis. Excess inventory would lead to wastage whereas inadequacy would lead to out-of-stocks - and force customers to seek solutions from the competitors. The replenishment of the majority of raw materials is done on a weekly basis and since the raw materials are perishable, the procurement planning and right forecasting is of utmost importance. If the hotels and mess want to predict how much amount of raw materials for the food need to bought for about 10 weeks then only the wastage of any food will be avoided and we need to keep in mind about the perishable food also. So the food demand forecaster is very much needed.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Hotels/Mess	gather raw materials for next ten weeks and plan accordingly	We do not know how much raw materials to buy.	Not yet predicted how many orders we get, so that we can buy correct amount of raw materials which is needed.	helpless
PS-2	a food delivery service provider	Delivery the food in correct time	Could not delivery the food at correct time	Scarcity of food or raw materials	Frustrated