

Ideation Phase

Define the Problem Statement

Date	06 May 2023
Team ID	NM2023TMID14254
Project Name	GO NO Queue-Rush Estimator for Corporate Cafeteria

Customer Problem Statement:

In many corporate offices there will be many people who generally visit the cafeteria every day. Sometimes the rush in these cafeterias would be more and there may be the chances of food shortage. There will be a device at entry and exit and through computer vision techniques we can detect the person. By taking the number of entries and exits we can estimate the number of people inside the cafeteria. This entire data will be stored in the cloud. The authorities of the cafeteria will be given a mobile application through which they can check the crowd estimation and prepare the food accordingly.

Problem Statement ps	I am (customer)	I am trying to	But	Because	Which makes me feel
PS1	Customer	Purchase a product	I can't wait in the queue	Of busy schedule	Tensed
PS2	Customer	Purchase a product	I can't be there in time.	Of busy schedule	Frustrated

I am	The customer in need of a product or item but unable to wait the queue
I am trying to	Create a application to reduce the time and effort of the customer
But	Finding an algorithm and creating an application is difficult
Because	The process of creating a application and making tie-ups with the dealers is hectic
Which makes me feel	Frustrated