Ideation Phase
Define the Problem Statements

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Project Name	Go No Queue -Rush Estimator for Corporate Cafeteria

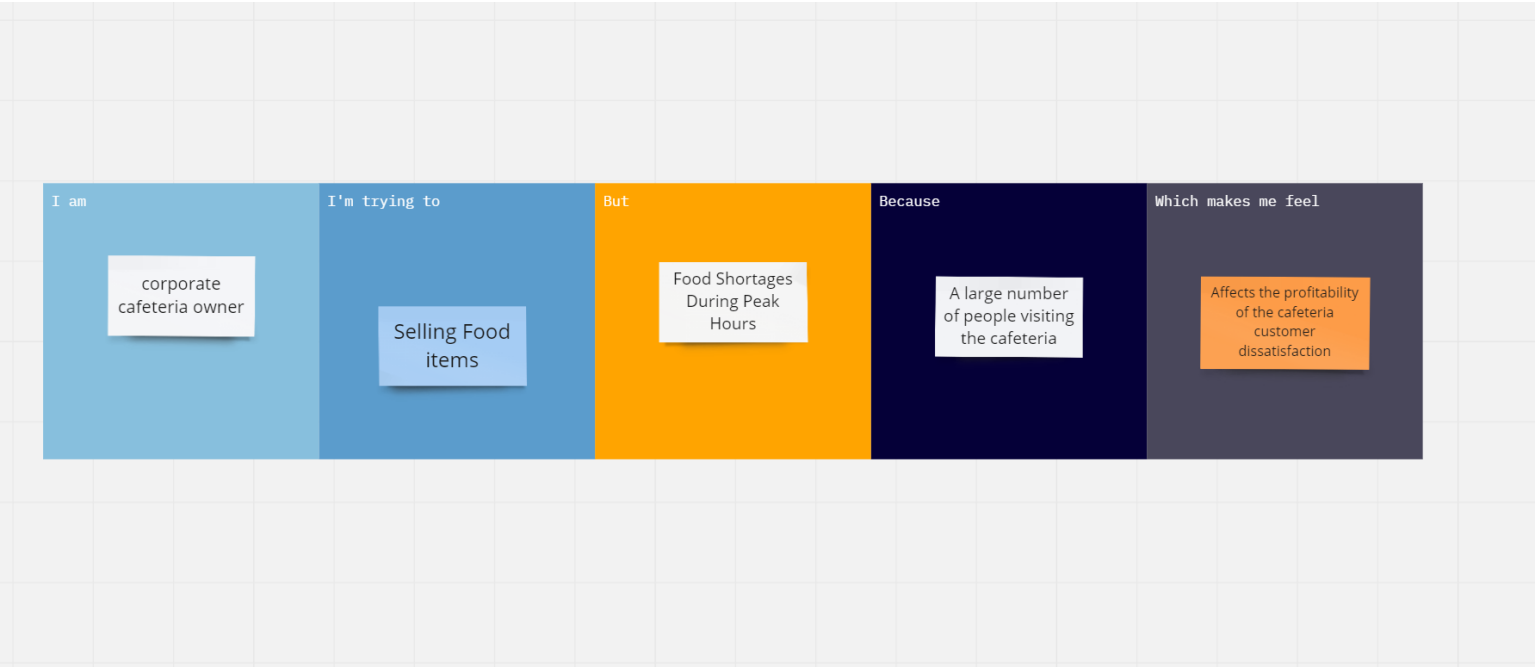
Customer Problem Statement :

As a corporate cafeteria owner, I am facing challenges with food shortages during peak hours due to a large number of people visiting the cafeteria. This issue not only affects the profitability of the cafeteria but also leads to customer dissatisfaction. To overcome this problem, I am seeking a solution that can accurately estimate the number of people entering and leaving the cafeteria and provide real-time information on the crowd size.

I envision a system that utilizes computer vision techniques to track and count individuals as they enter and exit the cafeteria. By analyzing this data, I want to be able to estimate the number of people present in the cafeteria at any given time. Storing this information securely in the cloud will enable me to access it remotely.

To make informed decisions about food preparation, I require a user-friendly web application that provides real-time crowd estimation and historical trends. This application should alert me when there is a risk of food shortage based on the current crowd size. Additionally, the system should have the capability to analyze the collected data and provide predictive insights on future crowd estimation.

By implementing this solution, I aim to optimize the cafeteria's operations, improve customer satisfaction, and ensure a sufficient food supply during peak hours.



Problem Statement (PS)	**I am (Customer)**	**I'm trying to**	**But**	**Because**	**Which makes me feel**
PS-1	Cafeteria Owner	Selling Food items	Food Shortages During Peak Hours	A large number of people visiting the cafeteria	Affects the profitability of the cafeteria customer dissatisfaction
PS-2	Customer	Buying Food	The Queue is too Long	A large number of people visiting the cafeteria	Frustrated