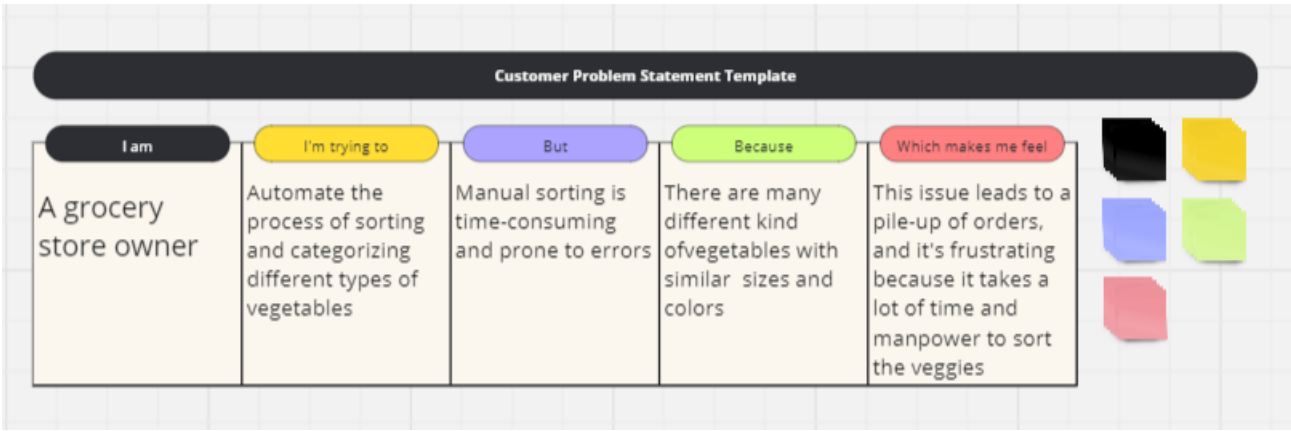
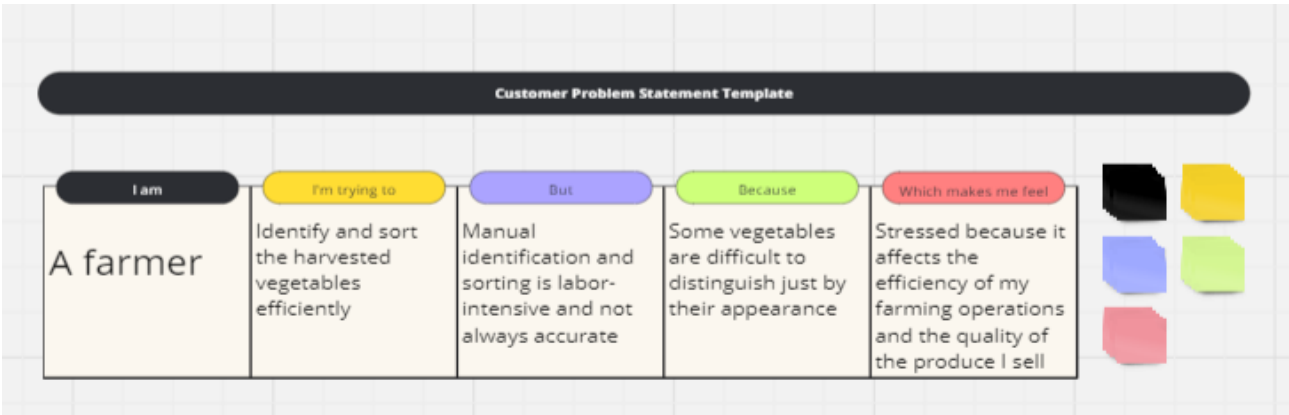
Project Initialization and Planning Phase

Date	7 July 2024
Team ID	SWTID1720029586
Project Name	Greenclassify: Deep Learning-Based Approach For Vegetable Image Classification
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):
Many grocery store owners and farmers face significant challenges with manually sorting and categorizing vegetables due to the varying sizes, shapes, and colors. This process is time-consuming, prone to errors, and labor-intensive, leading to operational inefficiencies, a pile-up of orders, and stress. Consequently, there is a pressing need for an automated solution to streamline vegetable sorting, reduce errors, and enhance efficiency for both grocery store operations and farming activities.





Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel

PS-1	A grocery store owner	Automate the process of sorting and categorizing different types of vegetables	Manual sorting is time-consuming and prone to errors	There are many different kind of vegetables with similar sizes and colors	This issue leads to a pile-up of orders, and it's frustrating because it takes a lot of time and manpower to sort the veggies
PS-2	A farmer	Identify and sort the harvested vegetables efficiently	Manual identification and sorting is labor-intensive and not always accurate	Some vegetables are difficult to distinguish just by their appearance	Stressed because it affects the efficiency of my farming operations and the quality of the produce I sell