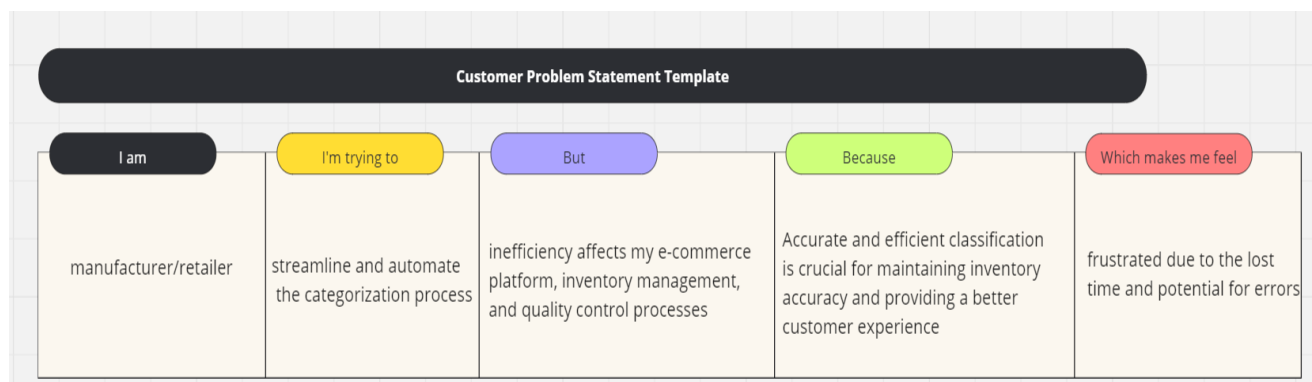


Project Initialization and Planning Phase

Date	20 July 2024
Team ID	SWTID1720163161
Project Name	Hydration Essentials: Classifying Water Bottle Images
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

E-commerce platforms and retailers face significant challenges with manually classifying images of water bottles, resulting in inefficiencies and errors. The manual classification process is time-consuming and prone to mistakes, leading to inaccurate product listings and inventory discrepancies. These issues negatively impact customer experience, causing confusion and dissatisfaction, while also affecting inventory management and operational efficiency. Our automated solution is needed to streamline and improve the classification process, ensuring more accurate product listings, better inventory control, and enhanced customer satisfaction. Implementing such a system would save time, reduce errors, and increase overall productivity, addressing the core issues affecting these businesses. An automated image classification model directly addresses these challenges by streamlining the process of categorizing water bottle images.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	manufacturer /retailer	streamline and automate the categorization process	inefficiency affects my e-commerce platform, inventory management, and quality control processes	Accurate and efficient classification is crucial for maintaining inventory accuracy and providing a better customer experience	frustrated due to the lost time and potential for errors

Customer Problem Statement Template

I am	I'm trying to	But	Because	Which makes me feel
e-commerce platform manager	streamline and automate the categorization process	current method is prone to errors and delays	Accurate and efficient classification is crucial for providing a seamless shopping experience for customers and maintaining inventory accuracy	frustrated due to the manual effort required

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-2	e-commerce platform manager	streamline and automate the categorization process	current method is prone to errors and delays	Accurate and efficient classification is crucial for providing a seamless shopping experience for customers and maintaining inventory accuracy	frustrated due to the manual effort required