

Ideation Phase

Define the Problem Statements

Date	1 November 2022
Team ID	PNT2022TMID24713
Project Name	Project - Inventory Management System for Retailers

Customer Problem Statement Template:

To create an inventory management system that will allow retailers to satisfy demand from customers without running out of inventory or holding too much on hand.

I am	<small>Describe customer with 3-4 key characteristics - who are they?</small>	Describe the customer and their attributes here
I'm trying to	<small>List their outcome or "job" the care about - what are they trying to achieve?</small>	List the thing they are trying to achieve here
but	<small>Describe what problems or barriers stand in the way - what bothers them most?</small>	Describe the problems or barriers that get in the way here
because	<small>Enter the "root cause" of why the problem or barrier exists - what needs to be solved?</small>	Describe the reason the problems or barriers exist
which makes me feel	<small>Describe the emotions from the customer's point of view - how does it impact them emotionally?</small>	Describe the emotions the result from experiencing the problems or barriers

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Retailer	Find number of stocks in my inventory	It's difficult	My inventory has n number of product difficult to count manually	Tired
PS-2	Retailer	Maintaining the invoice of inventory	It's difficult and unsecure	It may get lost or damaged	Afraid
PS-3	Retailer	Access a particular stock	I can't find the stock	There are n number of stock in my inventory	Time consuming
PS-4	Retailer	Minimize stock error	I can't minimize it	It's tough to maintain large number of stocks without loss	disappointed