Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID43323
Project Name	Inventory Management System for Retailers
Maximum Marks	2 Marks

Customer Problem Statement:

Inventory management system is a tool which is helpful for business operate. Inventory management is a challenging problem area in supply chain management. Companies need to have inventories in warehouses in order to fulfil customer demand, meanwhile these inventories have holding costs and this is frozen fund that can be lost. Therefore, the task of inventory management is to find the quantity of inventories that will fulfil the demand, avoiding overstocks. The goal is to reduce the stress of the retailers by managing the stocks more efficiently.

I am	Describe customer with 3-4 key characteristics - who are they?	a Retailer
I'm trying to	List their outcome or "job" the care about - what are they trying to achieve?	manage stocks
but	Describe what problems or barriers stand in the way – what bothers them most?	unable to find a proper system to manage inventories
because	Enter the "root cause" of why the problem or barrier exists – what needs to be solved?	lack of application to manage stocks
which makes me feel	Describe the emotions from the customer's point of view – how does it impact them emotionally?	Stressed

I am	I'm trying to	But	Because	Which makes me feel
a retailer	manage the stocks	I find difficulties in managing the stocks	of the quantity of the inventories that varies periodically	stressed

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Retailer	Manage the stocks	I am facing difficulties in managing the stocks	of the amount of inventories	Stressed
PS-2	A customer	Buy the stocks in varying quantity	There is no proper way to view the availabilities of the stock in a company	There is no proper system to show the stocks available	Pressurised