

## Project Design Phase-I

### Problem – Solution Fit

Date	19 <sup>th</sup> October 2022
Team ID	PNT2022TMID30805
Project Name	Inventory Management System for Retailers
Maximum Marks	2 Marks

### Problem – Solution Fit Template:

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) <span style="float: right; background-color: #007bff; color: white; padding: 2px 5px;">CS</span>	6. CUSTOMER CONSTRAINTS <span style="float: right; background-color: #007bff; color: white; padding: 2px 5px;">CC</span>	5. AVAILABLE SOLUTIONS <span style="float: right; background-color: #007bff; color: white; padding: 2px 5px;">AS</span>	Explore AS, differentiate
	<p>Our proposed model targets the distributors, wholesalers, manufacturers and retailers to track their stocks.</p>	<p>Too much stock on hand can be just as hazardous as not enough. Overstock negatively affects a company's cash flow and causes issues with storage and loss of inventory. Also doesn't come to know about the stocks which is to be short.</p>	<p>It is laborious and unsafe to manage inventory with paperwork and manual procedures. Additionally, scaling across several warehouses with a lot of goods is difficult. Provide workers with the appropriate inventory tools for the job. Software is required to replace manual inventory tracking, and purchase orders and invoices must be processed without the use of paper.</p>	
Focus on J&P, tap into	2. JOBS-TO-BE-DONE / PROBLEMS <span style="float: right; background-color: #ffc107; color: white; padding: 2px 5px;">J&amp;P</span>	9. PROBLEM ROOT CAUSE <span style="float: right; background-color: #ffc107; color: white; padding: 2px 5px;">RC</span>	7. BEHAVIOUR <span style="float: right; background-color: #ffc107; color: white; padding: 2px 5px;">BE</span>	Focus on J&P, tap into C
	<p>The problem faced by them is that it is difficult to manage the large amount of inventory data. They have maintain the hardcopy of the inventory, it is difficult to organize properly. Pen and paper work is too tedious.</p>	<p>Difficulty in managing the large amount of stocks using pen and paper and struggles in managing the stocks data without centralized data storage.</p>	<p>It is time-consuming, redundant, and prone to errors to use manual inventory tracking techniques across various programmes and spreadsheets. An integrated central inventory management system with accounting capabilities might be helpful for even small retailers.</p>	
Identify strong TR & EM	3. TRIGGERS <span style="float: right; background-color: #28a745; color: white; padding: 2px 5px;">TR</span>	10. YOUR SOLUTION <span style="float: right; background-color: #6c757d; color: white; padding: 2px 5px;">SL</span>	8. CHANNELS of BEHAVIOUR <span style="float: right; background-color: #28a745; color: white; padding: 2px 5px;">CH</span>	Extract online & offline CH of BE
	<p>This inventory management method will inspire distributors, retailers who own markets or wholesale enterprises by making them to handle the data easily.</p>		<p>8.1 ONLINE Collecting information from various websites and utilise it efficiently.</p>	
	<p>4. EMOTIONS: BEFORE / AFTER <span style="float: right; background-color: #28a745; color: white; padding: 2px 5px;">EM</span></p> <p>Before: Depressed, Worn out of managing stocks. After : Stress less, Enthusiastic in works.</p>		<p>8.2 OFFLINE Collecting feedbacks to improve the efficiency of the system.</p>	