

## Project Design Phase-I - Solution Fit

Date	4 October 2022
Team ID	PNT2022TMID24368
Project Name	Inventory management system for retailers
Maximum Marks	2 Marks

Project Title: Inventory Management System For Retailers

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Define CS, fit into CC

### 1. CUSTOMER SEGMENT(S)

CS

- ☐ Retailers
- ☐ Small enterprises

### 2. CUSTOMER CONSTRAINTS

CC

- Network Connection
- Proper stock knowledge
- Manual data entry accuracy

### 3. AVAILABLE SOLUTIONS

AS

- Manual Inventory Tracking
- slower order processing, higher labor cost of and larger inventory write-offs at the end of the year small mistakes can amount to profit-loss

Explore AS, differentiate

### 4. JOBS-TO-BE-DONE / PROBLEMS

J&P

- ☐ Tracks the flow of products from

### 5. PROBLEM ROOT CAUSE

RC

### 6. BEHAVIOUR

BE

- Track the incoming and outgoing of stocks

supplier through the production process to the customer.

- Inaccurate information about stock movement
- Demands of consumers change day by day

- Update information onto cloud frequently
- Know the market trends and adapt accordingly
- Manage the inventory efficiently

Identify strong TR & EM	<b>7. TRIGGERS</b> <b>TR</b> <ul style="list-style-type: none"> <li>• Increasing customer demand</li> <li>• Market competition</li> <li>• Insufficient Order Management</li> </ul>	<b>9. YOUR SOLUTION</b> <b>SOLN</b> <ul style="list-style-type: none"> <li>• Developing a cloud application which helps the customer to create and manage both sales and purchase orders, and track inventory.</li> <li>• provide a option for graphical view of sales</li> </ul>	<b>10. CHANNELS of BEHAVIOUR</b> <b>CB</b> <ol style="list-style-type: none"> <li><b>1. ONLINE</b> <ul style="list-style-type: none"> <li>• Alerting the particular person about the stocks limits, either full or empty or even about the reach of a particular limit</li> <li>• Updating of flowing of the stocks regularly</li> </ul> </li> <li><b>2. OFFLINE</b> <ul style="list-style-type: none"> <li>• Manual Checking</li> <li>• Stock Distribution among the Inventory</li> </ul> </li> </ol>
	<b>8. EMOTIONS: BEFORE / AFTER</b> <b>EM</b> <ul style="list-style-type: none"> <li>• Before: frustrated and stress mentally and physically</li> <li>• After: happier, relief, confident.</li> </ul>		