

## Project Design Phase-I - Solution Fit

Date	30 September 2022
Team ID	PNT2022TMID05924
Project Name	Inventory management system for retailers
Maximum Marks	2 Marks

**Project Title: Inventory Management System For Retailers**

**Team ID: PNT2022TMId41025**

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 costs and larger inventory write-offs at the end of the year small mistakes can amount to a big profit-loss

Explore AS, differentiate

### 4. JOBS-TO-BE-DONE / PROBLEMS J&P

- Tracks the flow of products from supplier through the production process to the customer.

### 5. PROBLEM ROOT CAUSE RC

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

### 6. BEHAVIOUR BE

- Track the incoming and outgoing of stocks
- Update information onto cloud frequently
- Know the market trends and adapt accordingly
- Manage the inventory efficiently

Focus on J&P, tap into BE, understand RC

Focus on J&P, tap into BE, understand RC

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>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>OFFLINE</b> <ul style="list-style-type: none"> <li>Manual Checking</li> <li>Stock Distribution among the Inventory</li> </ul> </li> </ol>	Extract Online and Offline CH of BE
	<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> <li>.</li> </ul>			