Project Design Phase-I - Solution Fit

Date	30 September 2022
Team ID	PNT2022TMID41025
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

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

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

7. TRIGGERS TR
- Increasing customer demand
- Market competition
- Insufficient Order Management

8. EMOTIONS: BEFORE / AFTER EM

- Before: frustrated and stress mentally and physically
- After: happier, relief, confident.
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9. YOUR SOLUTION SOLN

- Developing a cloud application which helps the customer to create and manage both sales and purchase orders, and track inventory.

- provide a option for graphical view of sales

10. CHANNELS of BEHAVIOUR CB

1. **ONLINE**

- Alerting the particular person about the stocks limits, either full or empty or even about the reach of a particular limit
- Updating of flowing of the stocks regularly

2. **OFFLINE**

- Manual Checking
- Stock Distribution among the Inventory