# TEAM ID: PNT2022TMID53537

**Project Design Phase-I - Solution Fit**

| Date | 30 September 2022 |
|---|---|
| Team ID | PNT2022TMID53537 |
| Project Name | Inventory management system for retailers |
| Maximum Marks | 2 Marks |

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

### 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

### 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

**Identify strong TR & EM**

## 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.
  .

## 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

**Extract Online and Offline CH of BE**