Project Title: INVENTORY MANAGEMENT SYSTEM FOR RETAILERS   Project Design Phase-I - Solution Fit   Team ID: PNT2022TMID04517

Define CS, fit into CC

CS

1.   CUSTOMER SEGMENT(S)

Retailers are the objective of our proposed model, which aims to keep track of product availability.

CC

6. CUSTOMER CONSTRAINTS

Lack of knowledge about current and projected requests, in addition to using existing solutions, makes it difficult to alert the shop to running out of supply.

AS

5. AVAILABLE SOLUTIONS

Our suggested model is to keep track of product availability for shops. Lack of understanding about current and projected requests, in addition to using existing solutions, makes it difficult to alert the shop to running out of supply. Data from many key performance indicators are used to anticipate sales and product discounts by accounting for various inventory factors that have an impact on the company's operations. These methodologies include AUD and MDP. tools to preserve accurate records across digital and physical databases (such RFID and barcodes).

Explore AS, differentiate

Focus on J&P, tap into BE, understand

J&P

2. JOBS-TO-BE-DONE / PROBLEMS

Retailers' lack of a method to capture and maintain their inventory data is their main issue. Because the owner just keeps the inventory data in the logbook and is not properly structured, it is challenging for them to record it promptly and safely.

RC

9. PROBLEM ROOT CAUSE

Most of the retailers buy stocks which cannot be kept in account or tracked since the stock count is more in number.

BE

7. BEHAVIOUR

Managing the inventory information seems so difficult. One may handle all inventory information with this time-saving inventory management system.

Focus on J&P, tap into BE, understand

3. TRIGGERS TR

This inventory management technique will inspire friends and relatives who own marketplaces or whole sale businesses due to its ability to maintain stocks and get alerts.

4. EMOTIONS: BEFORE / AFTER EM

Before: tired, fear, forgetful
After: Stress free, confident, relief

10. YOUR SOLUTION SL

In order to maintain inventory information and prepare for future investments, we want to create an inventory management system. The user may see and track the sold and unsold goods. When a stock is about to close, the application will alert the user. Our web application will monitor user's stock by tracking the received SMS's from the user's mobile.

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE
Use websites to gather informationon how to use it.

8.2 OFFLINE

Check regularly and intimate the retailer.