Project Design Phase-I
Problem - solution fit

Date	26 September 2022
Team ID	PNT2022TMID22388
Project Name	Inventory Management System for Retailers
Maximum Marks	4 Marks

Problem-Solution Fit canvas

Purpose / Vision   Version:

1. CUSTOMER SEGMENT(S) — CS
Define CS, fit into CL

Retailers are the customers of the inventory management system.

6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES — CL

Network connectivity , limited visibility, availability of out dated products on the website are some customer constraints.

5. AVAILABLE SOLUTIONS PROS & CONS — AS
Explore AS, differentiate

Digitalizing data and categorizing your inventory into priority groups can help you understand which items user need to order more frequently.

2. PROBLEMS / PAINS + ITS FREQUENCY — PR
Focus on PR, tap into BE, understand RC

- Fluctuating customer demands poses a challenge in terms of stock management.
- Lack of real-time reporting on managing stocks causing impact of poor demand forecasting.

9. PROBLEM ROOT / CAUSE — RC

Retailers want to carry out merchandise with sufficient stock in hand which is neither too little nor too much, so an end-to-end web application can be created which is capable of displaying the current amount of stock present in the warehouse, which helps inventory managers to keep track of products all the time.

7. BEHAVIOR + ITS INTENSITY — BE
Focus on PR, tap into BE, understand RC

- Tracking Inventory
- Control Your Costs
- Improve Your Delivery
- Manage Planning & Forecasting

3. TRIGGERS TO ACT — TR
Identify strong TR & EM

Everything is digitalized which reduces the human efforts and saves more time and money.

4. EMOTIONS BEFORE / AFTER — EM

The customers gets frustrated when it is difficult to record data quickly as they are maintained in logbooks and not organized.

10. YOUR SOLUTION — SL

Applications have been developed to help retailers track and manage stocks related to their own products. The System will ask retailers to create their accounts by providing essential details. Retailers can access their accounts by logging into the application. The System will automatically send an email alert to the retailers if there is no stock found in their accounts. So that they can order new stock.

8. CHANNELS of BEHAVIOR — CH
Extract online & offline CH of BE

ONLINE

Retailers can ship and track their products.

OFFLINE