

PROJECT DESIGN PHASE 1

Problem Solution Fit for Inventory Management System for Retailers

Date	19 September 2022
Team ID	PNT2022TMID34419
Project Name	Inventory Management System for Retailers
Maximum Marks	4 Marks

Define CS, fit into	1. CUSTOMER SEGMENT(S) CS <div>Retailers generally keep track of their merchandise from the time it is bought until it is sold.</div>	6. CUSTOMER LIMITATIONS CC <div> Openness to availability Network Restrictions Changing the cost of commodities Delays in delivery </div>	5. AVAILABLE SOLUTIONS AS <div> Manually counting and tallying items Management of log books in standard way Hiring employees and accountants to maintain stock </div>
	2. JOBS-TO-BE-DONE / PROBLEMS PR <div> Avoid overstocking To notify the retailers about the items which are out of stock Poor demand forecasting </div>	9. PROBLEM ROOT / CAUSE RC <div> Manual work consumes time and it is error prone Not much organized </div>	7. BEHAVIOUR BE <div>Enquire the retailers in the neighborhood Get reference from customers who visit their shop</div>
	3. TRIGGERS TO ACT TR <div>Need separate knowledge for maintenance Maintaining large number of records by single individual</div>	10. YOUR SOLUTION SL <div>Development of a cloud application that "Tracks real-time inventory such as purchase details, sales information and stock management" and "alters the user on less availability of stocks"</div>	8. CHANNELS of BEHAVIOUR CH <div> 8.1 ONLINE Immediate accessibility irrespective of place and time </div>
4. EMOTIONS: BEFORE / AFTER EM <div> Before: Frustrated, worried, lack of knowledge about stocks After: Happy, profitable, flexible working </div>	8.2 OFFLINE <div>SMS notifications for inventory</div>		