

Project Design Phase-I

Problem – Solution Fit Template

Date	25 September 2022
Team ID	PNT2022TMID12477
Project Name	Project – Inventory management system for retailers
Maximum Marks	2 Marks

Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Shopkeepers Buyers/customers of the shop Retailers	6. CUSTOMER CONSTRAINTS CC Avoid poor stock management situation Time consuming Availability of raw materials Keeps proper track of the stocks Network connection.	5. AVAILABLE SOLUTIONS AS Pros: Provides an automatic cloud based application which helps in keeping track of the stock and managing them according to the need of the customers. Cons: Requires proper network connectivity , Difficult to implement.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS JBP Inefficient system for managing stocks Lack of knowledge among retailers about managing the stocks Tracking of stocks is a routine job and doing it manually makes us tired and we may do some mistakes while doing so which may lead to loss. So making this process automatic helps us make our job easier.	9. PROBLEM ROOT CAUSE RC Inefficiency in stocks Improper management which leads to losing of customers in some situations Time consuming Difficulty in coping to the latest market trend	7. BEHAVIOUR BE The customer must find an effective software that helps him in managing the stocks easily. Keenly observe and notify the customer status so that helps in improving the profit. Update of information more frequently onto the cloud.	
Identify strong TR & EM	3. TRIGGERS TR Increasing customer demands Seeing other retailers making use of this app to double their profits. Market competition	10. YOUR SOLUTION SL Developing a proper cloud based application which has details such as incoming and outgoing of stocks , requirement of customers, lack of stocks , These details can be added both manually and automatically. This application maintains a DataBase to help store the data.	8. CHANNELS of BEHAVIOUR CH ONLINE Alerts the users about the limit or out of stock situation so that they can be updated and be ready. It helps in maintaining their information using database which is online. OFFLINE They may receive mails constantly even though they are not logged into the application. Shipping of stocks.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM Before: Makes the process more tedious, consumes more time and feeling frustrated of doing calculations. After: Happy, faster and makes them concentrate on other works which helps for the development of their business.			