







Project Design Phase-I - Problem Solution Fit

Project Title : Retail Store Stock Inventory Analytics

Team ID : PNT2022TMID51842

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S) <small>Who is your customer? i.e. working parents of 0-5 y.o. kids</small></div> <div></div> <div>Retail Store Owner</div>	<div>6. CUSTOMER CONSTRAINTS <small>What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.</small></div> <div></div> <div><ul style="list-style-type: none">Inadequate financialPoor Maintenance of databaseUnavailability of devices</div>	<div>5. AVAILABLE SOLUTIONS <small>Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking</small></div> <div></div> <div><ul style="list-style-type: none">An inventory Management system tracking stocks on a daily basis there by predicting demandsEnterprise asset management technology used in inventory</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS <small>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different</small></div> <div></div> <div><ul style="list-style-type: none">Excess Inventory leading to business and operational problemsSudden increases in price rangeLocation of Warehouse leads transport charge.</div>	<div>9. PROBLEM ROOT CAUSE <small>What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.</small></div> <div></div> <div><ul style="list-style-type: none">Most of shopkeepers lose their customers because of insufficient stock storage with demand capacity</div>	<div>7. BEHAVIOUR <small>What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefit indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)</small></div> <div></div> <div><ul style="list-style-type: none">Identify customer demands and their buying productsUnderstanding customer demands the stocks can be managed accordingly with it</div>	
Focus on J&P, tap into BE, understand RC				Focus on J&P, tap into BE, understand RC

3. TRIGGERS

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

- Immense wastage of products due to less sales.

TR**4. EMOTIONS: BEFORE / AFTER**

How do customers feel when they face a problem or a job and afterwards?
i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

EM

Before :
Frustrated
Helplessness
After :
Satisfaction

10. YOUR SOLUTION

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

SL

- the shopkeeper can view the products availability in form of dashboard and buy product based on their need
- Do regular and accurate stock counts
- Combine Sales data with inventory data to simplify reporting
- Purchasing process description
- Establish process for markdown and promotions
- Create Stock Receiving procedures
- Provide description of return procedure
- Determine Dead stock procedure
- Provide Profitable inventory value
- Expiry date is displayed which helps shopkeeper to provide quantity and quality product to customer

8. CHANNELS of BEHAVIOUR**CH****ONLINE**

What kind of actions do customers take online? Extract online channels from #7

OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Online :

- ❖ Advertisment with financial influencers

Offline :

- ❖ Arranging most demanded products in front section