# PROJECT DESIGN PHASE-1

**PROBLEM SOLUTION FIT**

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| DATE | 15th October 2022 |
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| DOMAIN NAME | RETAIL AND E-COMMERCE |
| PROJECT NAME | RETAIL STORE STOCK INVENTORY ANALYTICS |

**Problem-Solution fit** canvas 2.0

Purpose / lS10 II ° The ras in pwpose of inventory mana gemenJ is to help businesses easily ancl efFicie ally manage the ordering stocking, slofing and using of in vestory

1. CUSTOMER

**SEGMENT(S)**

Wlno is your customer\*

1.New Retailer 2.Old Retailer

6. CUSTOMER



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1.Installation Cost 2.Network requirement 3.Skilled employee need

5. AVAILABLE SOLUTIONS 



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i)Peop1e tend to appoint a employee for managing inventory, this method is efficient when the employee is a skilled person. But we cannot avoid human errors. Thus this method is not suitable now a days

2) The other solution for managing the inventory

is maintaining the inventory in spreadsheets and tally. Though

this method is simple to *implement,* tracking the stocks is difficult.

**2. JOBS-TO-BE-DOE / PROBLEMS**



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9. PROBLEM ROOT CAUSE



the back stop behind The need to do This job?

i.e. customers have to do r 6erause of he ct+acge io regulations.

**7. BEHAWOUR **

\YhaI does your custo ver do to address ltte problem and get the job done?



i.e. dtrecily related: find the rigJai solar panel ins rafter, calculate usage and benefits; indirectly



* 1. To provide and maintain good customer service
  2. To smooth the flow of good through the productive Process
  3. To provide protection against the uncertainties of supply and demand
  4. To obtain a reasonable utilization of people and equipment.

Retailer have manage the inventory because of loss due to the 1. Try to ask some help, and overcoming the problem by overstocking and delayed delivery due to understocking. themselves

2. Attending some training so they can improve Sale Technique

**3.TRIGGERS**



The retailer is triggered or inspired by his/her

* competitor who is earning more profit by using ‘ the efficient inventory management system than

the manual or inefficient methods

4. EMOTIONS: **BEFORE / AFTER**



Stress,Tired,depression,loss > profit, Relish, Comfort



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Developing a software that will be able to maintain stocks and purchase, forecast the sales, generate reports in less time





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Retailers can store all the inventory data to a cloud-based platform. Thus the stock changes are updated dynamically.

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Retailer should ma1‹e sure that the stocks are being constantly monitored in the shop as well as the warehouse. Thus depending on the sales, the products are restocked.

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