

## 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:

**Problem-Solution Fit** canvas

Purpose / Vision

Version:

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">Define CS, fit into CL</div> <div> <b>1. CUSTOMER SEGMENT(S)</b> <span style="float: right; background-color: #f08080; padding: 2px 5px; font-weight: bold;">CS</span> <p>Retailers are the customers of the inventory management system</p> </div> <div style="writing-mode: vertical-rl; font-size: 0.8em;">Explore AS, differentiate</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>6. CUSTOMER LIMITATIONS</b> <small>EG. BUDGET, DEVICES</small> <span style="float: right; background-color: #f08080; padding: 2px 5px; font-weight: bold;">CL</span> </div> <div> <ul style="list-style-type: none"> <li>Network connectivity</li> <li>Limited visibility</li> <li>Availability of outdated products</li> </ul> </div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>5. AVAILABLE SOLUTIONS</b> <small>PROS &amp; CONS</small> <span style="float: right; background-color: #f08080; padding: 2px 5px; font-weight: bold;">AS</span> </div> <div> <ul style="list-style-type: none"> <li>Hiring an accountant</li> <li>Maintaining a logbook</li> <li>Using inventory management websites</li> </ul> </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">Focus on PR, tap into BE, understand RC</div> <div> <b>2. PROBLEMS / PAINS</b> + ITS FREQUENCY <span style="float: right; background-color: #f08080; padding: 2px 5px; font-weight: bold;">PR</span> <ul style="list-style-type: none"> <li>Challenge in terms of stock management</li> <li>Poor demand forecasting</li> </ul> </div> <div style="writing-mode: vertical-rl; font-size: 0.8em;">Focus on PR, tap into BE, understand RC</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>9. PROBLEM ROOT / CAUSE</b> <span style="float: right; background-color: #f08080; padding: 2px 5px; font-weight: bold;">RC</span> </div> <div> <ul style="list-style-type: none"> <li>Lack of real-time reporting on managing stocks</li> <li>Fluctuating customer demands in terms of stock management</li> </ul> </div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>7. BEHAVIOR</b> + ITS INTENSITY <span style="float: right; background-color: #f08080; padding: 2px 5px; font-weight: bold;">BE</span> </div> <div> <ul style="list-style-type: none"> <li>Refer the logbooks</li> <li>Depends on the accountant for details</li> </ul> </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">Identify strong TR &amp; EM</div> <div> <b>3. TRIGGERS TO ACT</b> <span style="float: right; background-color: #90ee90; padding: 2px 5px; font-weight: bold;">TR</span> <ul style="list-style-type: none"> <li>Difficulty in keeping track of stocks by oneself</li> <li>Maintenance of logbooks</li> <li>Accountants demanding high salary</li> </ul> </div> <div style="writing-mode: vertical-rl; font-size: 0.8em;">Extract online &amp; offline CH of BE</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>10. YOUR SOLUTION</b> <span style="float: right; background-color: #90ee90; padding: 2px 5px; font-weight: bold;">SL</span> </div> <div> <p>An Applications that helps 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.</p> </div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>8. CHANNELS of BEHAVIOR</b> <span style="float: right; background-color: #90ee90; padding: 2px 5px; font-weight: bold;">CH</span> </div> <div> <div>ONLINE</div> <p>Retailers can ship and track their products</p> <hr/> <div>OFFLINE</div> </div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>4. EMOTIONS</b> <small>BEFORE / AFTER</small> <span style="float: right; background-color: #90ee90; padding: 2px 5px; font-weight: bold;">EM</span> <ul style="list-style-type: none"> <li>Before - Frustrated, Sense of overspending</li> <li>After - Satisfied</li> </ul> </div> </div>		