

Project Design Phase-I - Solution Fit

Project Title: Inventory Management System For Retailers

Team ID: PNT2022TMID32232

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none">• Retailers• Small Scale Industries	2. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none">• Network Connection• Inadequate product stock knowledge• Time consuming	3. AVAILABLE SOLUTIONS AS <p>The existing solution uses a cloud database in order to store the information about inflow and outflow of the stocks and the location information of the stocks, such as source and destination.</p>	Explore AS, differentiate
	4. JOBS-TO-BE-DONE / PROBLEMS J&P <ul style="list-style-type: none">• Tracking of stocks is a routine and vague job when humans are involved. It will make us bored and sometimes even frustrated.	5. PROBLEM ROOT CAUSE RC <ul style="list-style-type: none">• Inaccurate information about stock movement• Demands of consumers change day by day	6. BEHAVIOUR BE <ul style="list-style-type: none">• Track the inflow and outflow of stocks• Update information onto cloud frequently• Know the market trends and adapt accordingly	
	Focus on J&P, tap into BE, understand RC			

Identify strong TR & EM	7. TRIGGERS TR <ul style="list-style-type: none"> Increasing customer demand Market competition 	9. YOUR SOLUTION SOLN <ul style="list-style-type: none"> Developing a cloud application which consists the information about the current stocks, the stocks which are yet to be exported or imported from the inventory. Information can also be added manually. provide a option for graphical view of sales 	10. CHANNELS of BEHAVIOUR CB <ol style="list-style-type: none"> ONLINE <ul style="list-style-type: none"> Alerting the particular person about the stocks limits, either full or empty or even about the reach of a particular limit Updating of flowing of the stocks regularly OFFLINE <ul style="list-style-type: none"> Manual Checking Stock Distribution among the Inventory 	Extract Online and Offline CH of BE
	8. EMOTIONS: BEFORE / AFTER EM <ul style="list-style-type: none"> Before: Takes more time for calculations. More stress for workers, both physically and mentally. 			