

Problem Solving (A3) Report

Topic: Trade Off

Date: 8/18/2020
Name: Miguel Vazquez

1. Identify a Problem	PLAN
<div><div>ASK:</div><div><ul style="list-style-type: none">What is the standardIn today’s age, people usually go to websites like Amazon or Ebay to buy products. They use money as a form of payment. They do not have place where they can trade a product for another product or buy products as another form of payment other than money. They can also trade services.<div>Gather facts as known from Gemba– Who, What, When, Where</div>Customers who want to exchange a belonging for another or service for another form of payment like another product or service. They cannot see who is willing to trade with them close to their area. An example can be when a customer bought the wrong product and instead of returning it, they want to trade it.How important is it to solve this problem?<div>The gravity of the problem it is not a high, but it is an inconvenience to some people. They do not have a place to make trades and offer their product or services.</div></div></div>	

2. Set the Target	PLAN
<div><div>ASK:</div><div><ul style="list-style-type: none">What are your intermediate targets (milestones) and when do you expect to achieve them?<div>The population of people who want to trade services or products instead of using money as a form of payment. They can achieve better values on their trade than money.</div></div></div>	

3. Analyze the Causes	PLAN
<div><div>ASK:</div><div><ul style="list-style-type: none">Why does this problem occur?<div>The people who are willing to trade do not have the network of people willing to trade products or services with them. They do not know the products that can be traded.</div>Can we explain the cause and effect relationship plausibly?5 Why’s?<div>Everyone most of the time cannot trade products. They do not know what products or services are available to trade. They do not have a means to communicate with other people willing to trade. They do not know who in their area close by is trading products and items. They cannot communicate properly.</div></div></div>	

4. Propose & Implement Countermeasures	PLAN/DO
<div><div>ASK:</div><div><ul style="list-style-type: none">What countermeasures are most likely to eliminate the Root Cause?<div>Create an app where all traders can communicate and look at the products and services on the market.</div>Which countermeasures are most feasible and effective; likely to cause the least impact; what is the cost, difficulty?<div>Traders should show on the app the products and services that there are willing to trade with them. They should also post products or services that they are interested. On difficulty is that there would not be many people willing to trade.</div></div></div>	

5. Check/Evaluate	CHECK
<div><div>ASK:</div><div><ul style="list-style-type: none">Did the countermeasures work?<div>It can work if there is enough traders or enough marketing on the web app. If many people trade and are satisfy with their product or service that they traded, the countermeasure will work.</div>Was the target achievedCan I verify that the Root Cause was eliminated (can I turn it off & on)<div>If there are a lot of users in the app and many trades are happening, we can say that the root cause was eliminated.</div>If the Countermeasure was not effective, why didn’t it work<div>If there is not a lot of people willing to trade in your area, the countermeasure will not work. We must make sure that trading can happen international. People should also understand the value of their product or service so they can trade for a product or service of equal value.</div></div></div>	

6. Act and/or Standardize	ACT
<div><div>ASK:</div><div><ul style="list-style-type: none">How will we ensure the process continues to work (stays solved)?<div>We can measure the number of how many trades are occurring during a time stamp. We measure how customers like their trading experience and if it was a fairly easy process.</div></div></div>	

