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| **Problem Solving (A3) Report** | **Topic: Where to buy certain things** | **Date:** 01/28/2022 |
|  | **Name: Richard Rivera** |

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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| ***People often find themselves wanting to buy things they need but don’t know where to purchase them. Jumping around from store to store in hopes of finding that specific item.*** | |  | ***A countermeasure that can be taken can include that the app may have some sort of in-stock system where users can easily verify stock of any item on any store to prevent wasting effort on trying to buy an item that isn’t available.*** | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| ***A milestone that is expected to be achieved is to vastly facilitate purchases of products to people finding difficulties finding a specific place where to purchase them.*** | |  | ***An in-stock system may seem convenient but a problem that it may encounter could for example be that an item is marked wrongfully in-stock causing the client to lose all of his efforts in trying to purchase the item in effect causing the client to be discouraged to use the app.*** | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| ***This mostly occurs because stock and inventory of many stores are not always explicitly communicated to the people, thus creating confusion to whether a certain item is on sale or not at the store.*** | |  | ***Regular updates of inventory will keep the clients up to speed on everything that is being sold in the near vicinity, and further optimization of the web page will also greatly help user interaction.*** | |