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| **Problem Solving (A3) Report** | **Topic: Agricultural Plantation Analysis** | **Date: Agosto 18, 2020** |
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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| * Initial quality analysis of large agricultural plantation extending for large periods of time. * Inability to make rapid progress within the research and state of plantation. * Inability to make statistical analyses without examining data from each individual plant. | |  | * Create a program that analyses each piece of data gathered from each plant and organize it in a way that gives the researchers real-time statistical analyses, data distribution which in turn can determine the state of the plantation. * This program allows local farmers and low-budget researchers to have access to efficient software. * This allows its users to have a better understanding of the data gathered, and it helps further to better the state of the plantation by applying the necessary methodologies | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| Help Agricultural and Biology researchers obtain better and faster statistical and preliminary analyses. By doing this, researchers and farmers can get results faster and make the necessary changes that benefits their progress. | |  |  | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| * Low-budget researchers and local farmers struggle to have a constant progress with the quality and state of the plantation, because of the large number of data and complicated and sometimes inaccessible programs. * Researchers that have a tool to gather the data, but do not have the system to organize and distribute it. | |  |  | |

Template by Ignacio Tampe