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| **Problem Solving (A3) Report** | **Topic: Energy/Money Saving** | **Date: August 19, 2020** |
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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| * Sometimes cooking can get monotonous. * Monotonous cooking can lead to demotivation in the kitchen. * Demotivation in the kitchen can provoke going outside and purchasing a meal from a fast-food chain, which in most cases is poor for your overall health. | |  | * Create a program that allows you to look up recipes based on your personal diet, and recipe difficulty. * Give you the option to add your own personal recipes. * Allow you to add your friends, see your friend’s recipes. | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| Motivate people to cook at home. Make it easy for people that enjoy cooking to connect through it. Promote healthier lifestyles. | |  | ***ASK:***   * Did the countermeasures work? * Was the target achieved * Can I verify that the Root Cause was eliminated (can I turn it off & on) * If the Countermeasure was not effective, why didn’t it work   ***SHOW:***  The results; describe the reliability of the new process  ***TOOLS:***  Line graph, pareto | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| * People with busier lifestyles tend to overlook the option of cooking at home, because it is time consuming. * People tend to overlook the fact that the foods they buy at a fast-food chain typically costs significantly less than what they paid and it is very easy to make. | |  | ***ASK:***   * How will we ensure the process continues to work (stays solved)? * What have we learned? * Where else can we apply this learning?   ***SHOW:***  New or changed procedures, plans to apply learning in other areas  ***TOOLS:***  Standard Operating Procedures | |