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| **Problem Solving (A3) Report** | **Topic:** DIET SCHEDULE MAKER | **Date:** [DATE OF THIS A3] |
|  | **Name:** [NAME OF THE PREPARER] |

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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| * An application that makes diet schedules based on the purpose of the diet and the person using it. * When starting a diet, the customer has to search and organize a schedule for the diet whereas with the application you input the type of diet you want and you are given a schedule. * This application helps the customer reach the first step of a diet, which is usually the hardest part. | |  | * With the help of a nutritionist, we can put their suggestions for a diet schedule in a digital platform. * Taking various sources for research and using the most similar data to generate data. * It would be safer to go with a nutritionist to prevent using common misconceptions from mass research which prevents giving the customer inefficient schedules. | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| 1. Research the type of diets we want to cover in the application to have information stored. 2. Develop the skeleton for the application and start developing the inputs 3. Make an algorithm that creates a balanced schedule based on the applied inputs. 4. Develop the display function that gives the customer a week schedule. | |  | ***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** |
| * The problem occurs because the customer either does not know how to make a balanced schedule or know what type of diet is the one that is most beneficial for them. * Customers would either:   + Search online for a schedule that might not be what they are looking for.   + Go to a nutritionist that might not be reasonably priced or is not covered by their medical plan. * A difficulty would be doubts with the schedule since the application can only generate a schedule. | |  | ***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 | |

Template by Ignacio Tampe