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| **Problem Solving (A3) Report** | **Topic:** Elections Ballots in Puerto Rico | **Date:** August 19, 2020 |
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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| In Puerto Rico, most people do not know or get confused voting for candidacy, instead they vote for the whole party. When some try to vote for candidacy, they do it wrong and their vote gets invalid.  2016 Puerto Rico Elections: List of full votes and other votes for candidates for governor  In this table we can see that lots of people vote for the whole party rather than for candidacy. This happened because most people are scare to ruin their ballots trying to vote for candidacy, so they vote for the whole party (full votes).  Between the state, legislative and municipal ballots 27,000 ballots were invalid. | |  | * Find a way to teach people how to vote and practice on it. Without practice people will not fully understand the voting process. * Creating a website that lets the users practice voting with election ballots of their respective districts. * If a user does an invalid ballot the program will identify the error and will indicate why the ballot is invalid to the user. * There results will be saved for people to see their past errors and learn from it. | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| * Website that lets people practice voting. * People learn how to vote for candidacy or mixed. * More people vote for candidacy or does a mixed vote, rather than voting for the whole party. * The margin for error gets reduced with practice. * The numbers of invalid votes get reduced. * The number of candidacy votes increased. | |  |  | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| * People do not want their ballot to be invalid. * People do not know how to vote correctly for candidacy or mixed. * This problem occurs because no one teaches the people how to vote. * If people learn and practice how to vote, they will not rely on only voting for the party, instead they will vote for whoever they want feeling secure that there votes will not be invalidated. | |  |  | |

Template by Ignacio Tampe