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| **Problem Solving (A3) Report** | **Topic:** [Recipe recommender website] | **Date:** [8/19/2020] |
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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| Most people desire to cook more, but never find the time to do it or never get motivated enough to find a tasty recipe. | |  | I propose a website that based on your food tastes and eating history recommends you different cooking recipes ranging from easy to hard. Also, different categories like vegan, meats, pastries, breakfast, etc.… This website might need a recommender machine learning model that needs food data as input and will have to be trained. There can be a social part of the website where the user can share the recipes of his/her choosing. More could be added for a better user experience | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| The target is to recommend recipes based on the foods that the person already likes. To motivate the user to try new recipes and cook. | |  | To evaluate we need user feedback on whether the recommendations and recipes are useful or good. Constant testing of different combinations and adding more data will give better results. User feedback determines the quality of website and whether features should be added, removed, or updated. | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| The cause of this problem is that a lot of people are lazy to even cook something easy, most young people nowadays order fast food or just heat microwavable food. Many of us are also puzzled by some complex recipes when there are easy recipes out there. Also, unfortunately due to the covid-19 pandemic it is not very safe to be eating outside a lot, so cooking is a better alternative. | |  | Periodic updates of recipe database and constant evaluation of all the website’s features will keep the website up to good standards. | |

Template by Ignacio Tampe