

Project Update Template

Note: Use this template to organize your project updates. Replace italicized text with your own information. Add other sections if needed but do not remove any sections.

You must provide a ZIP file of all project files with this report. This includes everything: code, docs, resources, links to Google docs, Github, etc. – everything needed to evaluate your progress.

1. Project title

Nutritional Comparison Tool for Various Cereals

2. Team members and roles

Project Manager - Eunice Oh (ejoh05@terpmail.umd.edu)

Analyst - Dante Cavalier (dcavalie@terpmail.umd.edu)

Researcher - Zijing Wang (zwang162@terpmail.umd.edu)

Tester - Noah Shaw (nshaw12@umd.edu)

Researcher/Formal Writer - Jalen Rawles (jrawles5@terpmail.umd.edu)

3. Accomplishments since last report

What you have done since last report – bullet list of individual contributions; note if any tasks were not completed and why

- Pseudocode and planning out outline of the program - (collectively as a group)
- Code for reading and cleaning up dataset - (Eunice)
- Flowcharts for functions - (Zijing, Noah, Dante)
- Program's outlined in the readme - (Jalen, editing by Eunice)
- Creation of GitHub repository - (Eunice)

4. Roadblocks, problems, challenges, risks, questions

- Concern with how to display the list of all 77 cereals for the user to choose from in a way that doesn't seem too long or too overwhelming (since the user must be aware of what the cereals are or we assume so)
- What visualizations will we be focusing on (most likely will use bar graphs but will discuss)

5. Plan for the next sprint (i.e., until the next deliverable)

Your plan for the next sprint – bullet list of individual tasks, with tentative deadlines and assigned roles

- For our next sprint, we plan to officially start writing out the code for our functions and put them together as well as test the program for its first debugging
- We will also focus on writing out our implementation of correctly extracting the data in accordance with the user's input and displaying the resulting sorted dataset and visualization

- Assigned roles are tentative (as everyone will be collaborating) but are as follows:
 - Those who worked on the flowcharts for each of our three questions will most likely also focus on implementing them as well (Dante, Noah, Zijing)
 - Jalen and Eunice will also assist in implementing the main functions as well as work out the visualizations