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Deliverable #01

**Project Proposal:**

Going through recruitment and rush is a very stressful time at the beginning of college. I want to take data from the websites that each fraternity and sorority have, to identify the main values of each house. Assuming their webpage is an accurate representation of their values and morals, I would like to design a website that an unaffiliated member could go to in order to search certain words or phrases and see in which house their thoughts align the most.

This project is similar to Hw03 when we pulled data from the course websites of a university to get a word display graph. This would use similar methods to pull the data but the way in which the data would be displayed and analyzed would be different. Currently, I plan on having a search bar function, which returns the house with the most uses of that word or phrase. I will also have a summary table displaying each house and their most used words. Lastly, it would be interesting to enable the user to type in their top 5 most important values and then return the house that matches them the best, instead of just searching for one word.

**Technology Demonstrations:**

Curling Data and Data Analysis: Homework 3

Graphics**:** Homework 2 and 3

UI Design: I have experience with this from the term project in 1.00 but this year I want to focus more on the aesthetics of the actual webpage. I think this will be where I struggle the most and will need the most help.

**Competitive Analysis**

This is a written document summarizing your competitive analysis, where you search the web and find several existing products that are similar to what you propose. You need to use those products and carefully think about them, then list a few features in those products that are especially compelling, that you plan to include in your program. Also, list some anti-features, which are features you do not like in those products and plan to change in your program. Do not just exhaustively list all the features of those apps, since they may have lots of features that are not really relevant to your program. Focus to those few features that are directly relevant to what you are building.

Currently, there is no webpage for MIT sororities that has all the information on one webpage. The only thing close to what I am building is this webpage (http://panhel.mit.edu/sororities/), which contain each sorority on a different tab and has external links to the actual sororities webpage. This requires the user to spend a large amount of time shifting through each webpage. My website aims to reduce the amount of time spent looking at multiple websites by summarizing and analyzing all the data put forth on their respective webpages. My webpage will not only summarize but also allow the user to search for specific traits that he/she is looking for in their possible new community.

**Storyboard**

Attached in folder.

**Code Artifacts:**

Currently, I have all the websites curled into a folder and the data fed into a file where it create an array of all the words used on the website. I still need to go through and filter out words that do not give valuable information about the sorority. Currently, I filtered out 3 letter words but there are many other filler words that I need to get rid of to get better results. I am struggling curling one of the sororities, Thetas, website.

**Timesheet:**

Attached in folder.