

## Previous Week's Plan (1/19)

The most important work that needs to be accomplished by the end of this week is finalizing the requirements document. The final pieces involved in this task are spell-checking, proofreading, and transferring the content into a  $\text{\LaTeX}$  document.

1. Decide and design on the system architecture
2. Design a database schema for all the types of data CYB will store
3. Determine the necessary data abstractions
4. Expand and finalize a concrete schedule for the project

## Progress

During this week's progress we finished all of the todo list items for the requirements document, which was then translated into  $\text{\LaTeX}$ . This document was then turned in and we began work on the Software Design Specification. We also split our group into 3 subgroups {Back-end, Front-end, Full-stack}, which was used to break apart and assign todo items. The teams and accomplishments for this week consist of:

**Back-end (Nick, Todd, Riley)** Came up with an initial design of the overall system architecture / database schema. Initially drawn out on a white board but soon to be converted to a UML diagram.

**Front-end (Aaron, Roe, Geoffrey)** Introduction to ReactJS (led by Aaron) and built out a rough component architecture for our client side application. Also helped everyone with a basic overview of how our ReactJS tree will look with our current design of CYB.

**Full-stack (Sonja, Ryan)** Designed the crowdsourcing component of the application, including the user flow and interface as well as the data type/schema that will be used to send the information to the server.

## Current Week's Plan

In addition to this work, we have also met and divided up the work for the Software Design Specification.

**Back-end (Nick, Todd, Riley)** Write up data storage, database schema, and 1 UML diagram for the overall architecture of the system.

**Front-end (Aaron, Roe, Geoffrey)** Write up the Modules, interfaces, assumptions, architecture diagram, and test plan sections. Also find the links to the code style guides.

**Full-stack (Sonja, Ryan)** Write up Risk assessment, project schedule, and 2 sequence diagrams (1 for crowdsourcing and 1 for user voting), and the team structure sections.