

This week, I took the prototype react app I created and cleaned up the code – I removed bloat functions and components so that it would be as barebones as possible for easy additions to it. I also gave it the functions it needs for the project goals. At first, it was sending name, email, and other generic information but I changed the backend so that the data will be structured as a form and I also adjusted the frontend to reflect that. So far, the capabilities the app has are uploading forms to a MongoDB database and giving notifications of changes made to the database via two different node servers that are still in the test phase. I am continuing to research the MongoDB node.js documentation to find the best way to show the database information to the client in a reactive way(ex. the user should be able to see the newest report as it is posted and the posts on their screen should automatically re-order themselves. Regarding group collaboration, I was able to show my group the working prototype and then we assigned roles based on what features we wanted to work on. In addition to this we were able to decide on the development tools we would be using, Github and MongoDB Atlas and set them up. Next week what I want to have completed is the component that allows clients to view posts and I want to begin experimenting with the voting system as well as how to limit the number of API calls the app makes to the server for accessing the database objects.