

Team 19 (sdmay22-19)

Project Title: Underground Cable Packing Web Tool

Date: 10/24/2021

Members:

Alexander Young: DevOps and Systems Engineer

Brevin Wapp: Scrum Master

Haadi Majeed: QA Engineer

Matthew Hoskins: Leader/Time Management

Nate Tucker: Tech Lead

Tom Sun: User Experience & Requirements

Quinten Sorice: Client Point of Contact

What we've accomplished in the past week/what we've been researching:

Alexander Young - Met with Alliant Energy to discuss potential new stretch goals, and how they would best use our software. I also finished up the integration testing section of the Testing Document. At the team meeting, I joined the Backend Development team.

Brevin Wapp - We met with Alliant to figure out how Alliant could use our project, and created new stretch goals for streamlining their workflow. We also established who will be working on what parts of the application. Additionally, we finished the testing document and finished the weekly Lightning Talk and weekly report.

Haadi Majeed - Met with Alliant to clarify how they wished to use the project, recorded in the lightning talk for the week, and also the testing document, specifically the security testing portion.

Matthew Hoskins - This week the team met with Alliant Energy to clear up what was discussed in our previous meeting as well as check for the desire for any kind of information disclosure that their legal department may want to take for this project. A variety of potential functionality and requirements came from this meeting that at this time we are going to label as stretch goals. I added these goals to the existing documents. I completed my sections of the weekly report, lightning talk, and testing document. I researched some more on the algorithm side. I setup a more formal system for the smaller teams work on each section of the software development progress, and have been ensuring document updating and final design document formatting.

Nate Tucker - Met with Alliant to discuss more details about the program. We tossed around several new ideas and some implementation details as to what we could do, and Alliant was as persistent as ever to introduce new requirements. I introduced some unit tests into the codebase as examples on code and methodology,

Tom Sun - Met with Alliant clients to further discuss project requirements. We had some good discussions, and added a few items as stretch goals. Completed a section of the testing document. Also did some more touch up on the UI mock up.

Quinten Sorice - Made a new meeting with Alliant to discuss the feature set and scope of the project. Met with them on Wednesday and accomplished our goal of discussing scope and how our app should stay generic enough to be useful to many people rather than it being too specific so no one but Alliant can use it. Wrote the Regression Testing portion of the Testing Document.

What we're planning to do in the coming week:

Alexander Young - This next week, I am planning on looking at a few frameworks for the backend, and how they integrate with the rest of our project, and it's requirements. I will also work on our upcoming presentation for the class.

Brevin Wapp - In the coming week, we will continue working on building out the framework for our project, and present our Lightning Talk in person.

Haadi Majeed - Prepare for the in-class presentation we have along with continuing framework development

Matthew Hoskins - Over the coming week I plan on working on the required documents that will need to be finished as well as make any updates to existing documents. I plan to work more with the algorithm, and get to the point where I can meet with the team and Mat about it for any difficulties that may arise. Some prototyping may start occurring in the individual development teams.

Nate Tucker - I am planning to get into the meat of the development of the application, doing real UI work and server side development with the team.

Tom Sun - Start looking into react, try to make some practice projects so I'm ready for the development tasks.

Quinten Sorice - Monitor scope creep as we define more parts of the project, and help write the in-class presentation based around entrepreneurship for Thursday.

Issues we had in the previous week:

Alexander Young - I had no real issues in the past week. Time remains an issue, as many of my other classes are starting to pile on more work.

Brevin Wapp - In the last week, we had no issues. However, we did just have to adjust our expectations of our relationship with Alliant Energy following our meeting.

Haadi Majeed - None, met with Alliant and gained valuable insights

Matthew Hoskins - Since I am moving forward with what Alliant has put forth as stretch goals that will be less of a priority of general functionality discussed with Professor Wymore, and that these stretch goals will be evaluated for priority based on what would fit in a general application that there shouldn't be any further issues with this.

Nate Tucker - The project requirements are still a bit hazy around the edges as Alliant is still insistent that we bend to their workflow and needs. We are holding firm on the original requirements so as to be available for any users, while adding Alliant specific improvements as stretch goals.

Tom Sun - None, apart from some network issues during the Alliant energy meeting

Quinten Sorice - None, making the meeting with Alliant and the dialogue with them all went well, and the testing document seems to be coming along nicely.