

Team 19 (sdmay22-19)

Project Title: Underground Cable Packing Web Tool

Date: 10/31/2021

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 - This week was the week we presented to the class. I helped review the presentation, and presented the functional requirements section. We also had the weekly meetings as normal.

Brevin Wapp - This week, we put together, practiced, and presented our lightning talk in class. Additionally we went through the additional meetings with the professor and advisor.

Haadi Majeed - Collaborated with the team to create the in-class presentation for our project along with doing practice runs of it. Additionally we had meetings with the Professor and TA.

Matthew Hoskins - Parts of the team and I presented to class during lecture with relatively positive feedback. I have been getting everything that we have already produced onto the project team's senior design website in a process that will allow us to simply upload updated and completed documentation further down the road. I have been working on getting a quality documentation setup for our GitLab repo. I have also been working on the algorithm. As well as, going through meetings and weekly reports.

Nate Tucker - Communication between client and server components of the application, extended out the unit testing and began development on integration testing. Did the in-class presentation on our project.

Tom Sun - Started doing some tutorials for react, getting good progress on that. Also got git and the rest of the development software set up on my computer. Usual meetings with advisor and TA.

Quinten Sorice - Aided the team with setting up the in-person lightning talk, but was unable to attend in person due to a conflict. Went through the usual weekly meetings with no blockers.

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

Alexander Young - This coming week, I am planning on getting work done on the backend and ci pipelines as the code begins to get written.

Brevin Wapp - In the coming week, we are going to begin development of prototypes and ensure our workstations are set up.

Haadi Majeed - Work with the team on developing the documentation for the project and assist others as needed.

Matthew Hoskins - I am hoping to have the website in a mostly finalized state other than adding final and update documentation as they are produced in the development process. I also hope to make progress on the algorithm involved with getting some code transference.

Nate Tucker - Start deploying onto EPRC infrastructure in order to test and detect bugs in the CI/CD process.

Tom Sun - Reach out to the rest of the team, and potentially start making some UI components in react. Learn more about react testing. Finalize the UI mock up

Quinten Sorice - Research how to start setting up the algorithm and what will go into making it robust and efficient. Also researching how to translate the algorithm into code that our website can actually use.

Issues we had in the previous week:

Alexander Young - No real issues occurred during the week.

Brevin Wapp - There were no large issues that we encountered in the last week.

Haadi Majeed - I have had external conflicts with timing and meetings this week, so I missed a few, however it should no longer be an issue for the foreseeable future.

Matthew Hoskins - There were not any issues that I encountered this week that weren't solved shortly after coming across them as being parts of technical or mathematical problems.

Nate Tucker - No issues occurred in the past week.

Tom Sun - I wasn't able to attend the lightning talk since I was in the other section and had another class at the time.

Quinten Sorice - None, though I was unable to attend in-person presentation but the team seemed to do well without me.