Team 19 (sdmay22-19)

Project Title: Underground Cable Packing Web Tool

Date: 10/10/2021

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 past week, I continued working on researching technologies to use for our deployment environment, as well as the ways to integrate those technologies into our software pipeline. Additionally, discussed with The Tech Lead (Nate) about branching strategies.

Brevin Wapp - Worked on the task decomposition and milestones/evaluation of the project plan, as well as wrote and presented lightning talk.

Haadi Majeed - This past week I have worked with the team on the project plan, and specifically with Matt worked on setting up the Gantt chart to schedule out our progress.

Matthew Hoskins - Fully setup and made available on the team's Google Drive all documents that will require work to be completed this week allowing for significant time to contribute to said deliverables. Completion of weekly deliverables such as: Project Plan, weekly report number 2, and the project plan lightning talk. Specific work on the Project plan included setup, 2.1, 2.2, 2.4, and 2.7. Arranged necessary meeting times to properly assess work that needed to be completed, and to manage everyones' availability around the work that needed to be done.

Nate Tucker - This week has been a lot of planning for deployment and related infrastructure, ideally making the DevOps engineer's life easier. I have also been architecting the front and back end portions of the application to hand off heavy compute tasks to the faster of the two while also using as little network as possible in order to keep the speed at its max. Finalizing the Project Plan has also been a time and work commitment on my part, ensuring that it is completed.

Tom Sun - Mainly worked on the Project Plan assignment. The team met to talk about all the tasks we need to have for the project, then I worked on the Personal Effort Requirement section, created a table of all the tasks and how long they are estimated to take. Signed up for a Figma account, so I can start practicing making mock-ups.

Quinten Sorice - Communicated with Alliant to schedule another meeting, however will have to postpone until some issues with the project scope are resolved, which Mat Wymore is looking into. Finished the Risk Assessment and Mitigation section of the Project Plan.

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

Alexander Young - Work on doing some experimentation with various continuous integration technologies with our software pipeline.

Brevin Wapp - Meet with Alliant Energy and start work on the Design Document.

Haadi Majeed - Continue working on project requirements and finalize gantt chart

Matthew Hoskins - Attend a follow up meeting with client Alliant Energy to further insure project specifications. To work on and complete necessary technical documentation such as: the Design Document, Weekly Report number 3, and the design document lightning talk. Team meeting to assess and conclude on a Git protocol for the project regarding branches and PR's.

Nate Tucker - Finalize the project requirements with Alliant in order to best architect a fast, scalable, and easy to use application. Also meet with the DevOps engineer (Alex) regarding best practices for branching strategy to use for CI/CD pipelining.

Tom Sun - Get some basic mock up templates done for the next steps. Meet with Alliant Energy to follow up with project requirements and share updates.

Quinten Sorice - After resolution of project scope issues, find another time to meet with Alliant to further flesh out application requirements.

Issues we had in the previous week:

Alexander Young - No real issues in this previous week. The client meeting with Alliant Energy was rescheduled due to a scheduling conflict with our Professor.

Brevin Wapp - We had to allocate additional time this week to figure out our Project Plan, but we otherwise had no issues.

Haadi Majeed - Trying to find a way to work on (specifically) an excel sheet synchronously with others. Another issue we had was rescheduling the client meeting due to some scheduling conflicts

Matthew Hoskins - Had to communicate between client Alliant Energy and our advising professor around scheduling constraints that arose after a meeting time had already been set.

Nate Tucker - Getting a solid plan of requirements and how much feature creep we are allowing in the project. I am under the impression that we allow as little as possible and stick to the outline of the original project but there are discussions of changing the project plan

Tom Sun - We had to reschedule our Alliant Energy meeting due to some conflicts. No other issues apart from that.

Quinten Sorice - Conflicts arose with scheduling our meeting with Alliant, however Mat Wymore is looking into those issues so they should be resolved quickly.