sdmay19-44: Circuit Drawing and Simulation App/Website
Week 2 Report
September 7 - September 19

Team Members

Lucas Maring — *Report Manager*
Joe Veal — *Back end coder*
Alex Sutton — *Scribe and Facilitator*
Cassie Plata — *Front end coder*
Keegan McCarthy — *Team Leader*
Tyler Schurk — *Back end coder*

Summary of Progress this Report

The summary of this progress report is that we tentatively finalized our schedule for the rest of the semester with milestones placed throughout the year. We also tentatively determined what coding language we will be using on our project, which is Python and the framework Django.

Pending Issues

Our pending issues are that we need to begin understanding Django and Python to begin coding for our project. Python should we relatively easy-to-use and understand, which will hopefully allow for us to quickly begin programming our website.

Plans for Upcoming Reporting Period

Our plans for the upcoming reporting period are to meet with adviser, Andrew Bolstad, to go over our schedule and project plan so that he understands what our milestones are for the project and make sure that he is okay with those milestones. We also plan to begin learning the coding languages Python, Django, and HTML.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Lucas Maring	Researched coding languages and reviewed tentative schedule	3.5	5.5
Joe Veal	Researched coding languages and reviewed tentative schedule	5	7
Alex Sutton	This week I researched several coding languages that my group could potentially use for the project. Although I am not as familiar with various coding languages, I did look into a few languages and frameworks that could be used to develop a website. The first framework, AngularJS, is maintained by Google and other affiliations and it allows	4	6

	developers to extend HTML knowledge into website development. It is one of the most popular Javascript frameworks, and we ultimately decided to work with JavaScript. I also looked into Express which is a Node.js web application server framework. This platform allows users to build single or multi-page web applications, which might be useful for our website application.		
Cassie Plata	During this week, I asked several fellow computer and software engineering peers about their prior web development experience to gauge what would be the best platforms for our team to use for our project. After doing my own research and talking with said peers, it became clear that the best platform that everyone on the team would be the most comfortable with would be a python backend using the Django framework. Since I will be taking the lead for the front end, I knew a lot of what we would be needing according to our client's needs would be best to tailor towards a javascript GUI. I did more research on python libraries and Spring for a framework, but in the end, I was happier with javascript for frontend, and Django for the overall framework. TBD about server space to host the website.	4	6
Keegan McCarthy	Researched coding languages and reviewed tentative schedule	3.5	5.5
Tyler Schurk	Researched coding languages and reviewed tentative schedule	3.5	5.5

Gitlab Activity Summary
Nothing to report.