sdmay19-44: Circuit Drawing and Simulation App/Website
Week 6 Report
October 22 - October 28
Client: Andrew Bolstad
Advisor: Andrew Bolstad

Team Members

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

Summary of Progress this Report

For this weekly report, our team began to individually complete the tasks that we have assigned to ourselves. That includes breaking up into three smaller teams and each taking and completing a different side to begin the integration of our project. Those three sides are the HTML and CSS side, the Javascript side, and the Django and Python side.

Pending Issues

Our pending issues are that we need to create a hard copy prototype that our client can see when we meet with him next week. Doing so will require each group to complete their task assigned in the time given.

Plans for Upcoming Reporting Period

We plan to develop a prototype of our circuit drawing web application for our client in the upcoming week. We hope to have the website up and running, but most functions will most likely not be working.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	This is week I worked on the HTML and CSS side of things. While learning more about those two coding languages, I began to develop an HTML document that is the beginnings of our web application with Keegan.	5	23.5
Joe Veal	Worked on creating sample html templates for the django server I worked on last week. Next we will try to get the server code on github and integrate the javascript our team has been working on into the templates	3	22.5

Alex Sutton	This week I worked more on the Python and Django development in order to create the framework for our website. As a team, we decided to split up into partners in order to divide the work evenly and work efficiently. Therefore, Joe and I began planning and writing out the backend framework using Python and Django. We also all met with our client in order to get feedback on our project plan and feedback on a few design features that we have been creating. Furthermore, I revised portions of the project plan and put the new version on the website.	8	27
Cassie Plata	This week, we focused more into our break-out teams. Tyler and I are in charge of getting the JavaScript functionality of the front end for the drag and drop function. I did some research and have started to play around with Draggable JS, which is an open source drag and drop library.	4.5	24
Keegan McCarthy	This week I put a large portion of my time into creating a detailed schedule to stick by for the team. Each task was thought out carefully with deadlines in mind in order to ensure success in completely the project on time and its entirety. In addition, I continued development on the HTML / CSS Prototype with Luke Maring.	6	26
Tyler Schurk	After splitting up the work into our three teams, I was assigned to work on the Javascript portion. Therefore I spent quite a bit of time researching drawing libraries that we can use as well as implementing html code that can be used with javascript to create our drawing space for the website. Cassie discovered a library called Draggable JS that I will test for next week.	6	26.5

Gitlab Activity Summary

Nothing to report.