

sdmay19-44: Circuit Drawing and Simulation App/Website

Week 7 Report

October 29 - November 4

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 developed a prototype website for our project. We created the basic design and functionality of the drawing features for our client to see when we meet next. We also have begun to integrate the different sides of creating this web application.

Pending Issues

Our pending issues include completing the drawing functionality along with finishing up the design aspect of the website. We should have the design part done soon and begin writing more functionality code in JavaScript.

Plans for Upcoming Reporting Period

Our plans for the upcoming period are to complete the basic design and outline of the website. We also plan to get some basic functionality of dragging and dropping objects into our drawing space to show our client at the end of the week.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	This week I created the basic design of our website with Keegan. Using HTML and CSS I created the layout of what we want our website to look like to the end user. The home page along with most tabs and buttons are implemented, but the other pages outside of the home page still need to be done.	7.5	31
Joe Veal	Worked on ways to implement a save feature for django. We have currently had difficulty finding a dynamic memory field for file storage. I spoke with ETG about virtual server	5	27.5

	space and databases for our project as well		
Alex Sutton	This week I worked more on the Django development, specifically the URL patterns and the Django template implementation. We are currently working towards setting up a testing platform for the website and we want to make sure that all of the tabs on our website are working properly..	3	30
Cassie Plata	This week, I played more with the Draggable JS library, trying to see how I can use these functions to create smooth drag and drop functionality. Tyler and I are break-out partners and he found a different library to use for the draggable function for the meantime. I also started looking at Keegan/Luke's HTML and CSS web template and seeing how draggable functions will be used in the drawing space and components drawer they created.	3.5	27.5
Keegan McCarthy	This week we made a lot of progress as a group. Myself and Luke Maring worked on and completed the HTML/ CSS prototype of the website. This prototype consisted of a html files for each tab on the website and a style sheet for all of the CSS. This week I also watched CSS youtube tutorials to learn about style sheets which we used in the prototype.	12	38
Tyler Schurk	I worked on the dragging feature for the drawspace portion of the website. After exploring options I eventually settled on using a popular library called JQuery UI which featured a nice dragging function. I implemented this and added a couple of components to prepare for our technical presentation. On top of this I had to create png files of the components for display.	8	34.5

Nothing to report.