

**sdmay19-44: Circuit Drawing and Simulation App/Website**

Week 8 Report

November 5 - November 11

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 progress report our team has continued the completion of the drawing aspect of our website. We have begun to integrate the Python test server, the JavaScript library that will allow us to drag and drop components and such, and also the website itself.

**Pending Issues**

We still need to fully integrate the drag and drop feature and the Python server that will go with it so that the website can give and take feedback. We will be working on our prototype for the remainder of the semester.

**Plans for Upcoming Reporting Period**

Our plans for the upcoming reporting period are to have more of the integration completed along with improving the visual aspect of our website to make it more appealing to the user.

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	This week, I continued to improve the visuals of our website. I helped add several buttons and extra information that will be needed for the user to have an ideal experience with our application.	5	36
Joe Veal	This week I investigated the our possible database migration options by talking with ETG. I made changes to some of our links within django and I also spent time using the django ORM to move data from our database. I did not make any messages. I simply tested out sample fields to see how we could use the database in the future. At this point my	8	35.5

	goal was to set database data as javascript objects. I am still working to complete this task. I once this portion is complete I can help with the GUI part of the project		
Alex Sutton	This week I incorporated the new html files that the other members in my group created into the url and views files. We also got Gitlab running so we can start making commits that the entire team will be able to see. Because we are now relying on each other's code, using Gitlab will be very beneficial.	4	34
Cassie Plata	This week I spent most of my time with moving populated components within the draw space and optimizing this feature. I have started to look at native HTML5 solutions for dropping a button component into our draw space and creating an image, depending on what component we had. But Tyler and I were more focused on auto-populating the components in our space, and trying to see if we could drag them around using the JQuery libraries.	8.5	36
Keegan McCarthy	This week I spent improving the HTML/CSS prototype that Luke Maring and I worked on last week. The main thing that I spent more time on was margin spacing functionality on the website. I was running into problems on how the web application looked on different resolution monitors	4	42
Tyler Schurk	I continued to work with the jQuery drawing library. We have been having trouble implementing both the drag and drop and the draggable functionality so I worked on incorporating the two. Results were unsuccessful with our current drawspace implementation so modifications may have to be made.	6	40.5

**Gitlab Activity Summary**

Nothing to report.

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