sdmay19-44: Circuit Drawing and Simulation App/Website
Week 9 Report
November 12 - November 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

We have made progress on completing our drag and drop feature for our website, but it is still not completely finished. We are having troubles integrating both and have them work correctly when together. Right now, we have either the drag or the drop working separately, but not together. We also have completed our Project Plan and Design Document.

Pending Issues

Our pending issues are to continue working on the functionality of the drag and drop feature as it is what is on the timeline but also most important for us to continue our progress on the drawing aspect.

Plans for Upcoming Reporting Period

Our plans for the upcoming reporting period are to finish the drag and drop feature along with beginning the work on creating a wire in the drawing space that will attach to components and be any size. We also will be creating our final presentation for the semester and will present that to the panel.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	This week, I basically completed the visual aspect of our website using HTML and CSS. This was mostly completed before but Keegan and I have added the finishing touches. I also worked on the Design Doc and the Project Plan in preparation for the final presentation.	4	40
Joe Veal	This week, I worked on editing the project plan. Our team met and assigned which members should revise each topic. I also prepared for integrating the javascript portion with our django portion.	5	40.5

Alex Sutton	This week I added a summary of our senior design project for the first page of our website, I began revising the project plan as well as the design document, I made sure that the website was finalized and had everything it needed (before I uploaded the current design document and project plan), and I began the planning and initial implementation stages of creating one of the tabs that will be in our website. To do this, I am using HTML and the Django framework.	5	41.5
Cassie Plata	This week, I really added more to the dropping feature of our drag and drop. I tried this with the jQuery library, and after a lot of frustrating failed attempts, I decided I needed to use a different approach. Unfortunately, this work also included leaving my laptop unattended and it automatically updated itself, and didn't save its state in my editor, so I lost a chunk of code that took some time to retrace my steps to get back. I went back to checking out native HTML solutions towards the end of the week. I was able to implement the drop using native HTML 5.	14.5	50.5
Keegan McCarthy	This week I added more to the HTML/CSS prototype with Luke Maring. I also worked with Tyler Schurk and assisted with problems we ran into on the front end design. Specifically the dragging feature. We finished up the dragging feature and now just need it to work with the droppable feature. Lastly, this week I spent time preparing for the final presentation and practiced what I was going to say for the presentation	5	47
Tyler Schurk	From 11/12 to 11/28, I experimented with the existing drawing libraries that we have found along with testing one new library. I tried setting up a button that, when clicked, appends the component to the drawing space rather than dragging the image from the button. This worked successfully but only when using text inside an html division, rather than an image. I started testing a different library that appears to offer much more functionality called fabric.js	15	55.5

Gitlab Activity Summary
Nothing to report.