

sdmay19-44: Circuit Drawing and Simulation App/Website

Week 4 Report

February 4th - February 10th

Client: Andrew Bolstad

Advisor: Andrew Bolstad

Team MembersLuke 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 — *Front end coder***Summary of Progress this Report**

This report shows progress on integrating the two systems into Gitlab and the continued progress of Prototype II. We also worked on finding solutions to the drag and drop issue with new and current drawing libraries.

Pending Issues

Currently encountering security issues with the iframe tag. This week, we advanced the download feature to screenshot the entire page. We hope to crop this image down.

Plans for Upcoming Reporting Period

Look into naming and file type options for download. We want to start creating the save feature as well.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	Continued solution of monitor size differences. Began implementation of new fix.	4	7
Joe Veal	Worked with a java library to convert our iframe tag to a canvas tag. This allowed for us to take a screenshot with the to url method.	6	13
Alex Sutton	This week I developed more of the tabs within the website in order to maintain consistent formatting throughout and I developed more of the Understanding Components page. I am still waiting on feedback from our client on how he likes the appearance of the pages, but once I get this I will move on to developing the other tabs.	5	13

Cassie Plata	Still investigating issue of dragging new components within drawspace. Successfully got a double tap rotate feature of components with native HTML5 and JS.	5	12
Keegan McCarthy	Continued work to finalize HTML/CSS margin functionality with Luke Maring. Found an auto scaling feature to be used for different resolution monitors. Began work helping the front end side of the project due to the most amount of work to be done is here.	5	9
Tyler Schurk	Continued to experiment with the test branch and new drawing library I implemented last week. Managed to attach custom png files to canvas objects rather than using basic shapes included in fabric.js	5	13

Gitlab Activity SummaryNothing to report.
