

sdmay19-44: Circuit Drawing and Simulation App/Website

Week 7 Report

February 25th - March 3rd

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 — *Front end coder*

Summary of Progress this Report

For this week's report, we worked on issues dealing with the website functionality, wires in the drawing space and how they work, database issues that include creating models for user authentication.

Pending Issues

Our pending issues are the need to create a list type option for our components that go into the drawspace, the ability to check where the wires are located on a grid, and user authentication.

Plans for Upcoming Reporting Period

We plan to continue to work on user authentication, making sure our database works, and the functionality of the wires.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	Fixed and merged new code for HTML side of website that was having problems with buttons going over the draw space when the window was shrunk. Researched options for drop down and scroll bars for components.	7	22
Joe Veal	Experienced issues accessing data from the database. Debugged and searched for reasons why database could not be accessed. Eventually found and resolved the issue. Currently working to restructure files so the database can accept them.	5	26
Alex Sutton	This week I mainly worked on creating different models within Django. I am creating	7	28

	3 models that will be used for the user's username, password, and email. These models will store information into the database once a POST request is made. As of right now, I have been having problems making sure that this information is in the database.		
Cassie Plata	Began implementing wire drawing features with p5.js and features for canvas space. Buggy implementation and straight lines aren't always at 90 degree angles.	8	31.5
Keegan McCarthy	Worked on overhauling the HTML/CSS prototype. Updated many different appearance features within the website. Updated background, font effects, hover effects. Got rid of Simulation button. Started researching how to add a drop down feature for the components.	7	25
Tyler Schurk	Moved away from creating the wiring module for the components as other modules need to be created before this. Started developing ways to store the locations of the components into various arrays which will be useful for the autorouting feature.	8	32

Gitlab Activity SummaryNothing to report.
