sdmay19-44: Circuit Drawing and Simulation App/Website

Week 1 Report
August 31 - September 6

Team Members

Luke Maring — *Report Manager*
Joe Veal — *Back end coder*
Alex Sutton — *Scribe and Facilitator*
Cassie Plata — *Front end coder*
Keegan McCarthy — *Team Leader*
Tyler Schurk — *Back end coder*

Summary of Progress this Report

The summary of this report is that our team began research and planning for how we want to go about completing our project. This consisted of looking at what coding languages would be most useful for our application. We also met with our advisor, Andrew Bolstad, which is where we discussed what his needs and wants were for our project. We also met with just our team to discuss and finalize our member roles.

Pending Issues

Our pending issues are gathering correct libraries for the completion of our project, and making sure that we pick an easy to use, simplistic language that won't take much time to learn and understand. We will also be researching for other types of circuit drawing tools that are out there on the web so that we can ensure that we will get every key feature that we want in our project.

Plans for Upcoming Reporting Period

Our plans for the upcoming reporting period are to finalize and decide what coding language we will be using for the entirety of our project. We also will begin to code for our circuit drawer hopefully while also trying to learn and understand the language. Lastly we will continue to research tools so we can get all key features into our website.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Luke Maring	Researched circuit drawing tools currently on the internet	2	2
Joe Veal	Researched circuit drawing tools currently on the internet	2	2
Alex Sutton	I researched Shemelt, Falstad, SPICE, CircuitLab, and Circuit Diagram. Most of these websites were easy to use, but I did find some things that these websites could have used and presented them to the group. For	2	2

	example, I think it would be good to create an informational “components” tab that will teach students about various components and supply associated equations so students will be able to perform calculations by hand. Also, it would be beneficial to have a “help” tab and easy to rotate, move, and delete components in the website so it would be easier to use than these websites.		
Cassie Plata	Researched circuit drawing tools currently on the internet	2	2
Keegan McCarthy	Researched circuit drawing tools currently on the internet	2	2
Tyler Schurk	Researched circuit drawing tools currently on the internet	2	2

Gitlab Activity Summary

Action: joined, Tue Sep 04 2018
Author: adsutton
