

Team Name: sdmay21-

Team Members: Patrick Bruce, Jacob Sinn, Dodji Monglo, Michel Lemoupa Fokou, and Paul

Report Period: Aug 31-Sept 13

Summary of Progress in this Period

Channels of Communication Clarified

We have decided to use zoom for video calls, GroupMe for casual chats, google drive for documents, and gitLab issues for tasks.

Project Education

We completed tasks to help us learn how to achieve a successful project. These included the following activities: Microcontroller/Idea to Project Talk Awareness, Reflection: Design Thinking, Project Management Talk Awareness, Lightning Talk - Requirements & Engineering Standards.

Meetings

We met twice with advisors over these two weeks.

Background Research

To prepare for this project we read through the foundational papers which this project was built on when it was originally started. Additionally, we began analyzing the original design and began adapting it for our own needs.

Made a Plan

Using GitLab issues we made a plan and schedule for completing this project.

Pending Issues

Recreate Original Design

The current goal for this semester is to recreate the original design of the circuit we are trying to create. Once we design is recreated, next semester we will implement a new and improved design based on the lessons learned for previous groups who have worked on this project.

Recreate Model

The first step in recreating the design is to create a simulation model of the previous design to determine how it works.

Plans for Upcoming Reporting Period

Project Education

Complete all assignments thoroughly for the connected course E E 491.

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Create a Working Model of the Circuit

We will create a working model of the circuit based on the original design using a simulation software.

Design Review

Hold the first design review of the working circuit model with advisors.
