

# Senior Design Team Formation Report

September 1, 2020

This is a report on the discussion of Senior Design (Capstone) Project for the class of 2021. The group includes three students: **Alan Trester** (Electrical Engineering), **Sadie Gladden** (Computer Engineering), and **Zuguang Liu** (Electrical Engineering).

## 1 Project Concept

(Insert Project Concept)

## 2 Assigned Tasks

A brief breakdown of the tasks are drafted below.

- Alan Trester: Firmware Development
  - ...
  - ...
- Sadie Gladden: Frontend Development
  - ...
  - ...
- Zuguang Liu: Hardware Specification
  - Research on the specific hardware used to implement functionalities
  - Draft a Bill of Material on the hardware
  - Design circuit and circuit boards to complete the implementation

## 3 Advisors

We have asked **Dr. Zachariah Fuchs** (fuchsze@ucmail.uc.edu) regarding the project advising as well as **Dr. Carla Purdy** (purdyc@ucmail.uc.edu) regarding the fulfillment for embedded system minor. Confirmation from the advisors are pending.

## 4 Meeting Times

We anticipate to have 6-8 hours of meeting per week. Specific meeting time is to be discussed.