

EE/CPRE/SE 491: sddec22-11

Mini Retrofit Blind Controller

Weekly Report #9

Start date: April 3 - April 10, 2022

Client: ECPE

Faculty Advisor: Lee Harker

Team Members:

- Daniel Andrews - TEAM LEAD
- Andrew Deick - Front-End Software LEAD
- Jacob Nett - Back-End Software LEAD
- Hieu Nguyen - Communication LEAD
- Logan Shada - Design editor, Hardware director, Team overlap connection
- Caleb Townsend Hardware Lead and Maintenance Lead

Weekly Meeting time (decided):

- Team Meeting:
 - Monday: 9:55 AM - 10:50 AM
 - Friday: 9:55 Am - 10:50 AM
- Individual Hardware and Software meeting:
 - Thursday: 2:10 PM - 3:10 PM
- Advisor Meeting: (bi-weekly)
 - Monday: 9:55 AM - 10:50 AM

Weekly Accomplishments:

- Test code for UDP packet receiving for arduino

Pending Issues:

- Learning how to making a PC board
- Figuring out and trying to make the speed controller less heated up.

Upcoming Tasks:

- PCB design
- Soldering/Connecting everything that needs to be together
- Since doing PCb without an actually circuit board in front of me, it really hard to create one. So im gonna try and recreate everything using the breadboard from 201 class and base off from there.

Ordering

Individual Accomplishments:

Team Member	Contribution: description of what you did	Weekly hour	Total hour
Daniel Andrews	<ul style="list-style-type: none"> ● Research into best file transfer systems 	4	45
Andrews Deick	<ul style="list-style-type: none"> ● Continued Implementation of Okta Authentication, specifically configuring it with our Next.js application 	3	48
Jacob Nett	<ul style="list-style-type: none"> ● UDP packet receiver test code. 	5	51
Hieu Nguyen	<ul style="list-style-type: none"> ● Watch youtube, and research on “How to create PCboard” on kicad ● Pick up part, and play around with connection. 	6	42
Logan Shada	<ul style="list-style-type: none"> ● Testing components in connection ● Research on new microcontroller schematic 	4	46
Caleb Townsend	<ul style="list-style-type: none"> ● Testing connections ● Researched PCB ● Supported team in efforts. 	5	35