EE/CPRE/SE 491: sddec22-11

Mini Retrofit Blind Controller
Weekly Report #6
Start date: March 07 - March 13
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:
- Have a motor setup that would be able to turn blinds
- App will work on your phone
- Found a better motor that has more torque.

Pending Issues:
- Providing enough power to alternate motor setup
- Lee said there was an issue with ordering part and they might come later than expected (3 week since we send the order form)

Upcoming Tasks:
- Get Hardware parts, to assemble them by using the circuit and design we made.
- Made a weekly plan goal to finish up the task on hand, since we are 8 week left of school.

Individual Accomplishments:

Team Member	Contribution: description of what you did	Weekly hour	Total hour
Daniel Andrews	● Further looks/tests into using google sign in and google location features	4	28
Andrews Deick	● Responsive Styles (You can view app on your phone)	4	34
Jacob Nett	● Setup .yml file ● Setup docker on server ● Research how get ci/cd set for constantly running app on server from gitlab	4	29
Hieu Nguyen	● Honestly i didn't do much this week due to midterm and everything, but i did help logan out on testing power on blind.	2	21
Logan Shada	● Worked with motor option ● Found new motor for better torque ● Testing power on blind	5	26
Caleb Townsend	● Worked with prototype motor with team and got blinds to turn	2	20

Possible alternate motor setup