

492 - Group 11

Auto Window Blinds

Bi-Weekly Report 3

9/30-10/11

Client: Lee Harker

Faculty Advisor: Lee Harker

Team Members:

Andrew Deick - Front-end Software Lead

Caleb Townsend - Hardware Lead

Daniel Andrews - Team Lead

Hieu Nguyen - Communication Lead

Jacob Nett - Back-end Software Lead

Logan Shada - Design Lead

Past Week Accomplishments

- Frontend Backend Connectivity - Jacob
 - Research into making http request in nodejs
- Frontend - Andrew & Daniel
 - Work in Authentication Services
 - Implemented Prototype with GitHub single-sign on
 - Research into using Google or Okta SSO
 - Location Services
 - Testing on location accuracy
 - Working to integrate into frontend html/js
- Hardware - HW team - Logan, Hieu, and Caleb
 - Re-built prototype
 - Wiring/connection problem unknown
 - Need to fix wiring problem so first prototype will work again
 - Found parts and ordered them
- Ordered parts - Caleb

- Step motor
- Shaft encoder
- Step motor controller

Pending Issues

- Simplify and get the kicad design to work.
 - Working along with Advisor Lee on the topic currently

Individual Contributions

Team Member	Contribution: description of what you did (last 2 weeks)	Last 2 weeks (hours)	Total (hours) Since 9/5
Daniel Andrews	•		20
Andrew Deick	•		22
Jacob Nett	•		22
Hieu Nguyen	• PCB board design	8	23
Logan Shada	•		25
Caleb Townsend	•		12

Plans for coming weeks

- Try to complete and submit design before next report