

# Weekly Status Report 14

9/15/19 – 9/28/19

Senior Design Dec19 Group 16

Wireless-enabled Smart-Lights Hub Prototype

Advisor/Client - Manimaran Govindarasu

## Team Members

Alex Beaver

Ryan Bush

Aaron Ramsey

Logan Zasada

## Past Week Accomplishments

- Client/Adviser Meeting
  - Didn't have due to career fairs
- Team Meeting
  - Didn't have due to career fairs
- Outside of meetings
  - Finished PCB for Light modules
  - Working on PCB for charging station
  - Started focusing software effort on adding 2-way communication functionality

## Weekly Adviser Meeting Summary

## Personal Contributions

Name	Personal Contributions	Hours this week	Cumulative Hours
Alexander Beaver	<ul style="list-style-type: none"><li>Began work on reading from serial</li></ul>	14	64
John (Ryan) Bush	<ul style="list-style-type: none"><li>Working on backwards communications from endpoint to the coordinator</li></ul>	6	77
Aaron Ramsey	<ul style="list-style-type: none"><li>Completed design and Schematic capture for charging station. Began PCB layout</li></ul>	14	66
Logan Zasada	<ul style="list-style-type: none"><li>Designed and Ordered PCB for Light Modules</li></ul>	10	22(87)

## Tasks in Progress

- Waiting on first version of PCB for light modules to come in
- Charging Station PCB layout
- ZigBee backwards communication

## Pending Issues

- Still need to work on interface between light modules and charging stations