

EE / CprE / SE 492 – sdddec19-12

## Campanile-Carillon Model Phase II

Jan 2019 – Dec 2019

Client: Dr. Tin-Shi Tam

Faculty Adviser: Dr. Gary Tuttle

Bi-Weekly Report 15

November 11 - November 22

### Team Members

Ryan Roltgen – Software Engineering – Meeting Scribe

Sam Habel – Computer Engineering – Meeting Facilitator

Yicheng Hao – Electrical Engineering – Power Systems Lead

Gabe Stackhouse – Software Engineering – Software Lead

Kienan Otto – Computer Engineering – Report Manager

Grant Mullen – Computer Engineering – Integration Manager

### Weekly Summary

The light bar was not properly fitting on the structure and so had to be adjusted. It needed to be returned to the Boyd Lab for further adjustments and is now properly fitting. We have begun researching the stain and finish needed to color it to match the rest of the wood on the structure and are preparing to do so after break. The program is now being fine-tuned as we prepare to deliver the product to our client.

### Past Two Week Accomplishments

- Made final parts list for completion of project - Team
- Adjusted and tested light bar to properly fit on structure - Gabe, Kienan
- Notes light up when they reach the bottom to better communicate what should be played to the user - Ryan

### Pending Issues

## Individual Contributions

Team Member	Contributions	Weekly Hours	Total Hours
Ryan	Made changes to the program to light up notes when they reach the bottom.	6	102
Sam	Worked on parts list for project completion.	5	83
Yicheng	Worked on remote controller and battery selection.	6	84
Gabe	Arranged for further adjustments to be made to the light bar to fit the structure correctly. Worked with team to create final parts list for the project.	8	100
Kienan	Tested PDF conversion and final fit test of light bar on structure.	5	85
Grant	Helped finalize battery decision and sent order to client	5	84

## Plans for the Upcoming Two Weeks

- Finalize PDF conversion functionality
- Create final reports and presentations
- Stain the light bar to match the other wood on structure