

EE/CprE/SE 492 BIWEEKLY REPORT 7

11/19 - 12/3

Group number: 10

Project title: Holiday Arboreal Light Project

Client &/Advisor: Tom Daniels x 2

Team Members/Role:

Aaron - Raspberry Pi and Inter-process Communications

Rob - Android Developer

Rajiv - Web App Dev/Android Dev

Justin - Web App Dev

Michael - Image processing/data storage

Weekly Summary:

For this week we worked to create the Final Poster, Final Report, and then the Final presentation for the project.

Past Week Accomplishments:

This past week we worked on implementing volley requests for the Android Application, lighting individual LEDs with a PHP script, and a Web Application to choose and run light patterns.

Pending Issues (if applicable):

Individual Contributions (optional but must include hours worked):

Name	Individual Contributions	Hours this week	Cumulative hours
Aaron	Implemented forking in LED Manager, finalized state machine duties, worked with individual LED lighting via Volley Requests, poster, report, presentation	30	69
Rob	Implemented Volley Requests in Android App to request LED index to be lit and take picture, the poster, report, presentation	18	58
Rajiv	Lock file creation, PHP scripts to light individual LED	15	51
Justin	Successfully control state of LED Manager from	18	55

	Web App to choose and run light patterns on the tree. Cleaned up Web App UI. Worked on poster, report and presentation.		
Michael	Worked on getting the values of LED locations into the angles and tree height values for pattern creation. Work on the poster, report, and presentation as well.	15	47

Comments and Extended Discussion (optional):

Plans for Upcoming Week:

Name	
Aaron	IRP Presentation and code cleanup/documentation
Rob	IRP Presentation and code documentation
Rajiv	IRP Presentation and code documentation
Justin	IRP Presentation and code documentation
Michael	IRP Presentation and code cleanup/documentation

Summary of Weekly Advisor Meeting:

Finalized design decisions and gave feedback on poster and report content.