

EE/CPRE/SE 491 Weekly Report 3

10/02/19 – 10/11/19

Group Number: 09

Project: Inventory Locator Assistant

Client/Advisor: Leland Harker

Team Members/Role:

Alejandro Buentello: Hardware Manager

Caleb Gehris: Communications Supervisor

Jacob Linch: Software Manager

Kurt Markham: Meeting Supervisor

Erin Power: Planning and Time Management Supervisor

Chris Rice: Database Manager

Weekly Summary

With the career fairs over, our team saw a good increase in productivity over the past week and a half. We created a schedule of goals, got the first draft of our design document completed, finished another lightning talk, and ordered all the hardware parts that are required for prototyping our project. Overall, we got a good amount of work done but are now blocked until the parts arrive next week.

Past Week Accomplishments

- Design Document version 1 completed and added to site – All Members
- Lightning talk 2 completed – Kurt, Chris, Alex, Erin
- Tentative Semester Schedule and Goals planning – All Members
- Parts List Creation and ordering – Caleb, Kurt, Alex, Erin, Jacob

Pending Issues

At this point, we are all relatively blocked from non-researching tasks while we wait for hardware delivery. This should arrive mid-way through next week.

Individual Time contributions

Name	Hours Since Last Report	Cumulative Hours
Alejandro Buentello	6	27
Caleb Gehris	8	30
Jacob Linch	7	28

Kurt Markham	8	29
Erin Power	7	29
Chris Rice	8	29

Plans for Upcoming Week

Based on the Project timeline that was developed, the team's next goal is to have the basic system set up by October 20th. This doesn't necessarily require developing major functionality, just that the individual pieces of our system (the database, raspberry pi, LEDs, microcontrollers, Nexus tablet) are all set up and ready for development.

- Erin & Alex – setup LEDs and microcontrollers
- Jacob – setup tablet
- Caleb & Kurt – setup Raspberry Pi
- Chris – setup database

Summary of weekly advisor meeting

This week our advisor meeting was quite brief, as Mr. Harker already reviewed our parts list when we placed the order. Now that we have the requirements of the project clarified, our advisor meetings moving forward will likely be updating Mr. Harker on progress and getting any requirement clarifications needed.