

EE/CprE/SE 491 Weekly Report 2

9/14/19-10/02/19

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

The past two weeks have seen a dip in productivity due to classwork and preparing for the career fair, but we have decided on what parts to order, the general layout of the system, and a timeline of goals for this semester. We created our first lightning talk that presents an overview of our project. We met with our client to discuss our decisions with him and see if he had any suggestions or changes. Everyone researched hardware and software that may apply to the project.

Past Week Accomplishments

A rough system design and layout has been chosen to begin prototyping.

Parts have been chosen so that an order can be placed.

Pending Issues

Order Hardware

Setup hardware, ie install any necessary firmware, software or operating systems

Individual Contributions

Name	Hours Since Last Report	Cumulative Hours
Alejandro Buentello	9	21
Caleb Gehriss	10	22
Jacob Linch	9	21
Kurt Markham	9	21
Erin Power	10	22
Chris Rice	9	21

Plans for Upcoming Week

Alejandro Buentello: Research voice integration, aid in hardware setup

Caleb Gheris: Communicate with client, Order Hardware

Jacob Linch: Research how to communicate between Pi and microcontrollers

Kurt Markham: Research how to communicate between Pi and microcontrollers, Setup Raspberry Pi

Erin Power: Setup LED's and microcontrollers

Chris Rice: Setup Raspberry Pi, Install OS

Summary of Weekly Advisor Meeting

We discussed our plan moving forward and discuss physical restraints to the system such as how it will fit with the storage system and where it will be located within the shop.