

EE/CprE/SE 491 Weekly Report 4

10/20/19-10/26/19

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

We got the Raspberry Pi up and running with the correct wifi configuration so we could talk over the network. We also did a lot of testing with LED's working on different patterns talking to them over the wifi.

Past Week Accomplishments

- Got Raspberry Pi setup and running
- Implemented different patterns with the LEDS

Pending Issues

- Static IP for Raspberry Pi and Microcontollers
- Starting a cloud database

Individual Contributions

Name	Hours Since Last Report	Cumulative Hours
Alejandro Buentello	10	31

Caleb Gehris	9.5	31.5
Jacob Linch	9	30
Kurt Markham	9	30
Erin Power	10.5	32.5
Chris Rice	9	30

Plans for Upcoming Week

Alejandro Buentello: Continue to research voice integration, aid in hardware setup

Caleb Gheris: Communicate with client, work on Raspberry Pi integration

Jacob Linch: Continue to research how to communicate between Pi and microcontrollers

Kurt Markham: Continue to research how to communicate between Pi and microcontrollers

Erin Power: Setup LED's and microcontrollers

Chris Rice: Research cloud database

Summary of Weekly Advisor Meeting

N/A