EE/CprE/SE 491 Weekly Report 6

11/30/19-12/7/19

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 communication to the LED strips over wifi. We can now send coordinates to the strips and have them light up according to those coordinates. We also created a prototype android application that uses speech to text and an input box to put in coordinates for the led strips

Past Week Accomplishments

- Communication to lights over wifi
- Finished a prototype android application to communicate with the lights
- Worked more on design document

Pending Issues

- Finish design document
- Test the prototype
- Implementation of the database

Individual Contributions

Name	Hours Since Last Report	Cumulative Hours

Alejandro Buentello	27	66.5
Caleb Gehris	26	64
Jacob Linch	27	65
Kurt Markham	25.5	66
Erin Power	26	64.5
Chris Rice	25	64.5

Plans for Upcoming Week

Alejandro Buentello: Continue to test and implement the hardware

Caleb Gheris: Continue to work on communication with client and hardware

Jacob Linch: Continue to work/test android prototype

Kurt Markham: Continue to work on communication between Pi and microcontrollers, work on cloud database

Erin Power: Continue to implement LED's and microcontrollers as well as test the implementation

Chris Rice: Work on researching cloud database, continue to help on other implementation problems

Summary of Weekly Advisor Meeting

    N/A