

EE/CPRE/SE 492 WEEKLY Report 6

4/2/20 – 4/16/20

Group Number: 09

Project: Inventory Locator Assistant

Client/Advisor: Leland Harker

Team Members/Role:

Alejandro Buentello: Hardware Manager

Caleb Gehris: Communication Supervisor

Jacob Linch: Software Manager

Kurt Markham: Parts & Testing Supervisor

Erin Power: Planning and Time Management Supervisor

Chris Rice: Database Manager

Weekly Summary

These past weeks we focused on getting ready for the presentation and polishing up the Android application and other software, trying to uncover as many bugs as possible so that we can fix them before the end of the project. The main feature we are currently working on is storing images on the server for each part to help users better identify the correct components.

Past Week Accomplishments

- Alejandro Buentello:
 - Cleaned up Arduino code, removed completed ToDo
- Caleb Gehris:
 - Worked on our presentation demonstration/prototype since we won't be able to present our finished project
- Jacob Linch:
 - Finished the inventory website
 - Updated the look of the Android Application
 - Implemented settings for the android app
- Kurt Markham:
 - Started construction of final poster and presentation.
- Erin Power:
 - Updated design document to reflect changes in deliverables
- Chris Rice
 - Updated queries to better use Like operator and match with more fields.
 - Researched and brainstormed best practices for storing images on server

Individual Contributions

Name	Hours Since Last Report	Cumulative Hours
Alejandro Buentello	6	93.5
Caleb Gehris	8	125
Jacob Linch	30	158
Kurt Markham	4	88
Erin Power	4	91
Chris Rice	12	126.5

Plans for Upcoming Week

- Alejandro Buentello:
 - Update documentation on final hardware requirements (remove any parts we didn't use and add instructions on how to connect ESP8266 to ISU network)
- Caleb Gehris:
 - Continue testing
 - Work on design document and final presentation
 - Continue working on mock installation of the system for the presentation
- Jacob Linch:
 - Add in image capabilities with the website
 - Finish Android application
 - Begin writing testing code
 - Work on documentation and commenting
- Kurt Markham:
 - Finalize instructions document.
 - Finish poster construction.
- Erin Power:
 - Work on documentation and final presentation
- Chris Rice:
 - Add update and delete api endpoints for database
 - Add option to search parts without LEDs lighting up
 - Interface with the tests designed by Alex & Erin
 - Store images on the database, ensure frontend systems can interface with them

Summary of Weekly Advisor Meeting

We did not meet with our advisor since the last report