

EE/CprE/SE 491

BI-WEEKLY REPORT 5

3/16/20 – 4/13/20

Group number: 18

Project title: Magic Door Sensors

Client &/Advisor: Daji Qiao

Team Members/Role:

Mitchell Bratina/ Project Plans Engineer

Calvin Christensen/ Engineering Activities Director

Isaiah Exley-Schuman/ Reports and Documentation Management

Collin Kauth-Fisher/ Conflict Resolution and Server Management

Joseph Kueny/ Meeting Facilitator

Summary: All remaining parts on order arrived and received by Joseph. Team members are investigating CSI. Active module work is being postponed pending the reopening of campus laboratories.

Pending issues: Waiting for campus labs to re-open. Waiting for some team members to have ESP32 access.

Individual contributions:

Name	Contribution	Hours this period	Hours cumulative
Mitchel Bratina	Worked with ESP32 acquisition	18	66
Calvin Christensen	Worked with ESP32 implementation	18	66
Isaiah Exley-Schuman	Worked with submitting documents	18	66
Collin KauthFisher	Worked with software, client and backend	18	66
Joseph Kueny	Worked with ESP32, and submitting documents	18	66

Comments and extended discussion: N/A

Plans for the upcoming weeks: To continue working with CSI on the ESP32 platform as a solution to working remotely.

Summary of weekly advisor meeting: Discussed the current state of the project and future plans. The use of the ESP32 specifically was discussed, as well as the viability of the project to be completed in a remote environment. We believe we can still be on track to finish the project at its present due date.