

Team Name: sdmay21-09

Team Members: Cristian George, Evan McKinney, Jacob Vaughn, Jesse Knight, Matthew Campbell, Noah Berthusen

Report Period: Aug 31 - Sep 13

### **Summary of Progress in this Period**

**Sep 4 - We met with Varghese for the first time to talk about the project. He told us about the work that he was doing and how it related, and also answered some of our questions for what we should be working on.**

**Sep 11 - We met with Varghese, discussed picking a board that would meet the specifications of the project as well as a scope that would have sufficient compatibility to measure to board.**

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### **Pending Issues**

**Start collecting EM data, need to write associated assembly code to set up triggers for scope, need to export data for machine-learning, and begin ML classification framework.**

**Figure out our exact budget, and how to spend money.**

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### **Plans for Upcoming Reporting Period**

**We will be meeting with Varghese to begin data collection. The goal is to gather enough data to allow those working on the machine learning portion of the project to begin training and refining a model.**

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