

2.8 Click Sensor Hub Weekly Status Report

February 27, 2019

Submitted by: Alfonso de la Morena

Course Instructor: Mr. Hinkle
Faculty Advisor: Dr. Stapleton
Sponsor: Dr Kemp, NXP

Team Members:
Alfonso de la Morena [PM]
Dylan Dean
Mohamed Sghari

Yellow Current Project Status

Parts have arrived. Unfortunately soldering has been a little held back by one of our resistors being smaller than expected. We are working on soldering every other component to ease the process once the new parts arrive (which have already been ordered. Team is working on Progress Presentations. Website links on home page fixed (more descriptive updates on GitHub commits). Focus is on getting at least one Click to work on board for Project Demo (we are thinking on using the Bar Graph Click).

Individual Updates (Activities Completed, Activities Planned)

Alfonso UML Diagram for Mbed Code and state diagrams for Progress Presentation completed.

Dylan Created Progress Presentation, working closely with Dr. Kevin Kemp.

Mohamed Will solder ICs to boards and continue working on hardware testing.

Upcoming Deliverables (course and project due in next 2 to 3 weeks)

<u>Deliverable</u>	<u>Due Date</u>	<u>Status</u>
Progress Presentations	2/27/2019	In progress
Project Demos	3/11/2019	In progress

Sponsor and Faculty Advisor Meetings/Calls Held & Planned

<u>Who</u>	<u>Last</u>	<u>Topic(s)</u>	<u>Next</u>
Dr Stapleton	02/25	Mbed Code Review	02/27
Advisor Name	02/25	Code Architecture	03/11