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| 1.8 | Weekly Status Report for Click Sensor Hub | |
|  | October 3, 2018 | Submitted by: Alfonso de la Morena |
|  | Faculty Advisor: Dr. Bill Stapleton | Team Members:  Alfonso de la Morena [PM]  Dylan Dean  Mohamed Sghari |
|  | Sponsor: Dr. Kevin Kemp |

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| Current Project Status: Green |
| Work has begun on Functional Specification. The first draft is done. We are editing it with suggestions from our sponsors, instructors and mentors. Initial PCB design had begun. We are asking Dr. Stapleton for approval on our design choices. Additionally, we changed our name to Click Sensor Hub to reflect our project scope. | |

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| Activities/Accomplishments this week | |
| Team Member | Description |
| Alfonso | Work on Hardcopy of Functional Spec  Begin initial website design at very high level |
| Dylan | Work on Hardcopy of Functional Spec  Begin initial Mbed library design at very high level |
| Mohamed | Work on Hardcopy of Functional Spec  Begin Initial PCB Design complying with the mikroBUS standard |

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| Problems Encountered | |
| Severity | Description |
| High | N/A |
| Med | The design for the PCB may require some chips for the PCB to properly interface all the SPI, IIC and Analog interfaces. These would affect budget and calendar dates |
| Low | With exams this week and the next our team is short for time to dedicate to researching the PCB design |

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| Activities planned for next week | |
| Team Member | Description |
| Alfonso | Work on Hardcopy of Functional Spec |
| Dylan | Work on Hardcopy of Functional Spec |
| Mohamed | Work on Hardcopy of Functional Spec |

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| Upcoming Course Deliverables (next 2 to 3 weeks) | | |
| Deliverable | Due Date | Status |
| Functional Spec | 10/15/2018 | In progress |
| Updated Spec | 11/05/2018 | Not started |

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| Sponsor and Faculty Advisor Meetings Held/Planned | | |
| Who | Date | Topic(s) |
| Dr. Stapelton | 09/24/2018 | Discuss Technical Spec |
| Dr. Stapelton | 09/26/2018 | Discuss PCB design |





