

1.8 Weekly Status Report for Click Sensor Hub

October 17, 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

Current Project Status: Green

With the Functional Spec Finalized, we can begin work on the Initial Design Review presentations. A meeting is planned with Dr. Kemp on Thursday to go over our material. Additionally, we will begin working on the Updated Functional Spec as soon as possible.

Activities/Accomplishments this week

Team Member	Description
Alfonso	Finished work on Hardcopy of Functional Spec Design for website at very high level
Dylan	Finished work on Hardcopy of Functional Spec Design for Mbed code at very high level
Mohamed	Finished work on Hardcopy of Functional Spec Initial design for PCB complying with the mikroBUS standard

Problems Encountered

Severity	Description
High	N/A
Med	N/A
Low	Having received the feedback, we had to make time to incorporate all the Functional Spec suggestions into a new and edited document before it is due.

Activities planned for next week

Team Member	Description
Alfonso	Work on Hardcopy of Updated Functional Spec Practice IDR presentation and complete slides related to Deliverable #3.
Dylan	Work on Hardcopy of Updated Functional Spec Practice IDR presentation and complete slides related to Deliverable #2.
Mohamed	Work on Hardcopy of Updated Functional Spec Practice IDR presentation and complete slides related to Deliverable #1.

Upcoming Course Deliverables (next 2 to 3 weeks)

Deliverable	Due Date	Status
IDR Presentation	10/29/2018	In progress
Updated Spec	11/05/2018	In progress

Sponsor and Faculty Advisor Meetings Held/Planned

Who	Date	Topic(s)
Dr. Stapelton	10/01/2018	Discuss Technical Spec edits
Dr. Stapelton	10/03/2018	Discuss PCB design optimization
Dr. Kemp	10/18/2018	Practice IDR presentation and review material

1.8 Official Click Sensor Hub Team Open Action Items

10/17/2018 Last Update

Date	Description	DRI	Due By	#D	Notes / Comments
10/17/2018	Work on Hardcopy of Updated Functional Spec	Alfonso de la Morena	11/5/2018	19	
10/10/2018	Practice IDR presentation and complete slides related to Deliverable #3.	Alfonso de la Morena	10/29/2018	12	
10/17/2018	Work on Hardcopy of Functional Spec	Dylan Dean	11/5/2018	19	
10/10/2018	Practice IDR presentation and complete slides related to Deliverable #2.	Dylan Dean	10/29/2018	12	
10/17/2018	Work on Hardcopy of Functional Spec	Mohamed Sghari	11/5/2018	19	
10/10/2018	Practice IDR presentation and complete slides related to Deliverable #1.	Mohamed Sghari	10/29/2018	12	

# items	Team Member
2	Alfonso de la Morena
2	Dylan Dean
2	Mohamed Sghari

1.8 Official Click Sensor Hub Team Milestone Schedule

10/17/2018	Last Update				
210	calendar days until Senior Design Day				
DRI	Task	Dur	Start	End	Status
Alfonso	Set up SharePoint site. Organized necessary folders and uploaded relevant documents.	2	9/10/2018	9/12/2018	Completed
Dylan	Gathered team suggestions into an easy to read format to present for our sponsors.	2	9/10/2018	9/12/2018	Completed
Mohamed	Created document detailing important aspects of Hexiwear technology so team can understand limitations when speaking with sponsors.	2	9/10/2018	9/12/2018	Completed
Alfonso	Set up Github and software for online meetings.	5	9/12/2018	9/17/2018	Completed
Dylan	Outputting basic "Hello World" program on MBED compiler .	5	9/12/2018	9/17/2018	Completed
Mohamed	Make a list of clicks that will be used for projects with reasoning.	5	9/12/2018	9/17/2018	Completed
Alfonso	Coordinate Hardcopy of Statement of Work	14	9/10/2018	9/24/2018	Completed
Mohamed	Begin Initial PCB Design complying with the mikroBUS standard	6	9/24/2018	9/30/2018	In progress
Dylan	Begin initial Mbed library design at very high level	6	9/24/2018	9/30/2018	In progress
Alfonso	Coordinate Hardcopy of Functional Spec	20	9/25/2018	10/15/2018	In progress
Mohamed	Initial Design PCB Finalized	17	10/15/2018	11/1/2018	Not Started
Dylan	Initial Design for MBED Interface Finalized	17	10/15/2018	11/1/2018	Not Started
Alfonso	Coordinate Initial Design Review Presentation	14	10/15/2018	10/29/2018	Not Started
Alfonso	Coordinate Hardcopy Updated Spec	14	10/22/2018	11/5/2018	Not Started