

1.8 Weekly Status Report for Click Sensor Hub

October 31, 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

Final editing being done on the Updated Spec document. With the Ethics Exam next week, teammates will have a few off days to dedicate to studying. Otherwise work on printing the first PCB prototype is underway.

Activities/Accomplishments this week

Team Member	Description
Alfonso	Worked on Updated Functional Spec Created study guide for Ethics Exam
Dylan	Worked on Updated Functional Spec
Mohamed	Worked on Updated Functional Spec

Problems Encountered

Severity	Description
High	N/A
Med	N/A
Low	First prototype of PCB is underway. We are unsure of what steps to take. A meeting with D2 PM Hayley Boynton will be requested.

Activities planned for next week

Team Member	Description
Alfonso	Begin work on Labor Cost Schedule
Dylan	First draft of PCB in selected program completed
Mohamed	First draft of PCB in selected program completed

Upcoming Course Deliverables (next 2 to 3 weeks)

Deliverable	Due Date	Status
Updated Spec	11/05/2018	In progress
Ethics Exam	11/07/2018	In progress

Sponsor and Faculty Advisor Meetings Held/Planned

Who	Date	Topic(s)
Dr. Stapelton	10/29/2018	Discuss IDR presentation
Dr. Stapelton	10/31/2018	Discuss IDR results

1.8 Official Click Sensor Hub Team Open Action Items

10/31/2018 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	5	
11/5/2018	Work on Hardcopy of Labor Cost Schedule	Alfonso de la Morena	11/19/2018	19	
10/19/2018	Create study guide for Ethics Exam	Alfonso de la Morena	11/7/2018	7	
10/17/2018	Work on Hardcopy of Updated Functional Spec	Dylan Dean	11/5/2018	5	
10/20/2018	Prototype PCB ordered for testing	Dylan Dean	11/15/2018	15	
11/5/2018	Work on Hardcopy of Labor Cost Schedule	Dylan Dean	11/19/2018	19	
10/17/2018	Work on Hardcopy of Updated Functional Spec	Mohamed Sghari	11/5/2018	5	
10/20/2018	Prototype PCB ordered for testing	Mohamed Sghari	11/15/2018	15	
11/5/2018	Work on Hardcopy of Labor Cost Schedule	Mohamed Sghari	11/19/2018	19	

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

1.8 Official Click Sensor Hub Team Milestone Schedule

10/31/2018	Last Update				
196	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	Completed
Dylan	Begin initial Mbed library design at very high level	6	9/24/2018	9/30/2018	Completed
Alfonso	Coordinate Hardcopy of Functional Spec	20	9/25/2018	10/15/2018	Completed
Mohamed	Initial Design PCB Finalized	17	10/15/2018	11/1/2018	In progress
Dylan	Initial Design for MBED Interface Finalized	17	10/15/2018	11/1/2018	In progress
Alfonso	Coordinate Initial Design Review Presentation	8	10/15/2018	10/23/2018	In progress
Alfonso	Coordinate Hardcopy Updated Spec	14	10/22/2018	11/5/2018	In progress
Mohamed	Order PCB to be printed	26	10/20/2018	11/15/2018	In progress