

1.8 Weekly Status Report for Click Sensor Hub

November 7, 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

We have begun ordering parts to test and will begin work on that next week. Some of us will focus more on the PCB design while others are testing parts and working on next deliverables. We should have a finished EagleCAD PCB design soon, so it can be ordered.

Activities/Accomplishments this week

Team Member	Description
Alfonso	Worked on Updated Functional Spec Worked on Labor Cost Schedule
Dylan	Worked on Updated Functional Spec Made list of parts to order for testing
Mohamed	Worked on Updated Functional Spec Worked on finalizing PCB design in EagleCAD

Problems Encountered

Severity	Description
High	N/A
Med	N/A
Low	Working on pushing PCB design ASAP so that we do not fall behind schedule

Activities planned for next week

Team Member	Description
Alfonso	Finalize labor cost schedule
Dylan	Begin testing Click boards
Mohamed	Order PCB for first print

Upcoming Course Deliverables (next 2 to 3 weeks)

Deliverable	Due Date	Status
Ethics Exam	11/07/2018	Completed
Labor Cost Schedule	11/19/2018	In progress

Sponsor and Faculty Advisor Meetings Held/Planned

Who	Date	Topic(s)
Dr. Stapelton	11/05/2018	Discuss part testing
Dr. Stapelton	11/07/2018	Discuss PCB design

1.8 Official Click Sensor Hub Team Open Action Items

11/7/2018 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	-	
11/5/2018	Work on Hardcopy of Labor Cost Schedule	Alfonso de la Morena	11/19/2018	12	
10/19/2018	Create study guide for Ethics Exam	Alfonso de la Morena	11/7/2018	0	
10/17/2018	Work on Hardcopy of Updated Functional Spec	Dylan Dean	11/5/2018	-	
10/20/2018	Make list of parts to order and begin testing	Dylan Dean	11/15/2018	8	
11/5/2018	Work on Hardcopy of Labor Cost Schedule	Dylan Dean	11/19/2018	12	
10/17/2018	Work on Hardcopy of Updated Functional Spec	Mohamed Sghari	11/5/2018	-	
10/20/2018	Finalize EagleCAD PCB design and order first prototype	Mohamed Sghari	11/15/2018	8	
11/5/2018	Work on Hardcopy of Labor Cost Schedule	Mohamed Sghari	11/19/2018	12	

1.8 Official Click Sensor Hub Team Milestone Schedule

11/7/2018	Last Update				
189	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
Alfonso	Design for Initial Website Layout	30	11/1/2018	12/1/2018	Not Started
Mohamed	Testing PCB	16	11/15/2018	12/1/2018	Not Started
Alfonso	Coordinate Hardcopy of Labor Cost Schedule	14	11/5/2018	11/19/2018	Not Started
Mohamed	First Draft of Poster for Review	14	11/12/2018	11/26/2018	Not Started