

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

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.

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

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

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

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

Sponsor and Faculty Advisor Meetings Held/Planned

Who	Date	Topic(s)
Dr. Stapleton	09/24/2018	Discuss Technical Spec
Dr. Stapleton	09/26/2018	Discuss PCB design

	A	B	C	D	E	F	G
1	1.8 Official Click Sensor Hub Team Open Action Items						
2	10/3/2018 Last Update						
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16							

Date	Description	DRI	Due By	#D	Notes / Comments
9/25/2018	Work on Hardcopy of Functional Spec	Alfonso de la Morena	10/15/2018	12	
9/25/2018	Begin initial website design at very high level	Alfonso de la Morena	10/15/2018	12	General outlines and we will research the rest
9/25/2018	Work on Hardcopy of Functional Spec	Dylan Dean	10/15/2018	12	
9/24/2018	Begin initial Mbed library design at very high level	Dylan Dean	9/30/2018	-	
9/25/2018	Work on Hardcopy of Functional Spec	Mohamed Sghari	10/15/2018	12	
9/24/2018	Begin Initial PCB Design complying with the mikroBUS standard	Mohamed Sghari	9/30/2018	-	Collaborate with Dr. Stapleton

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

	A	B	C	D	E	F
1	1.8 Official Click Sensor Hub Closed Action Items					
2	10/3/2018	Today's Date				
3	Date	Description	DRI	Due By	#D	Notes / Comments
4	9/11/2018	Set up SharePoint site. Organized necessary folders and uploaded relevant documents.	Alfonso de la Morena	9/12/2018		Closed 9/12/18
5	9/11/2018	Gathered team suggestions into an easy to read format to present for our sponsors.	Dylan Dean	9/12/2018	-	Closed 9/12/18
6	9/11/2018	Created document detailing important aspects of Hexiwear technology so team can understand limitations when speaking with sponsors.	Mohamed Sghari	9/12/2018	-	Closed 9/12/18
7	9/17/2018	Set up Github and software for online meetings.	Alfonso de la Morena	9/24/2018	-	Closed 9/21/18
8	9/17/2018	Outputting basic "Hello World" program on MBED compiler.	Dylan Dean	9/24/2018	-	Closed 9/21/18
9	9/17/2018	Make a list of clicks that will be used for projects with reasoning.	Mohamed Sghari	9/24/2018	-	Closed 9/21/18
10	9/10/2018	Finalize Statement of Work	Alfonso de la Morena	9/19/2018	-	Closed 9/21/18
11						
12						
13	# items	Team Member				
14	3	Alfonso de la Morena				
15	2	Dylan Dean				
16	2	Mohamed Sghari				

	A	B	C	D	E	F	G
1	1.8 Official Click Sensor Hub Team Milestone Schedule						
2	10/3/2018	Last Update					
3	224	calendar days until Senior Design Day					
4	DRI	Task	Dur	Start	End	Status	
5	Alfonso	Set up SharePoint site. Organized necessary folders and uploaded relevant documents.	2	9/10/2018	9/12/2018	Completed	
6	Dylan	Gathered team suggestions into an easy to read format to present for our sponsors.	2	9/10/2018	9/12/2018	Completed	
7	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	
8	Alfonso	Set up Github and software for online meetings.	5	9/12/2018	9/17/2018	Completed	
9	Dylan	Outputting basic "Hello World" program on MBED compiler .	5	9/12/2018	9/17/2018	Completed	
10	Mohamed	Make a list of clicks that will be used for projects with reasoning.	5	9/12/2018	9/17/2018	Completed	
11	Alfonso	Coordinate Hardcopy of Statement of Work	14	9/10/2018	9/24/2018	Completed	
12	Mohamed	Begin Initial PCB Design complying with the mikroBUS standard	6	9/24/2018	9/30/2018	In progress	
13	Dylan	Begin initial Mbed library design at very high level	6	9/24/2018	9/30/2018	In progress	
14	Alfonso	Coordinate Hardcopy of Functional Spec	20	9/25/2018	10/15/2018	In progress	