

Click Sensor Hub

Sponsor: NXP Semiconductors

Project Manager: Alfonso de la Morena

Project Start:	Fri, 9/7/2018
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Display Week: 1

Team Members: Dylan Dean, Mohamed Sghari		Display Week: <div><div>1</div></div>																																																																																						
				Sep 7, 2018					Sep 14, 2018					Sep 21, 2018					Sep 28, 2018					Oct 5, 2018					Oct 12, 2018					Oct 19, 2018					Oct 26, 2018					Nov 2, 2018					Nov 9, 2018					Nov 16, 2018					Nov 23, 2018					Nov 30, 2018					Dec 7, 2018					Dec 14, 2018					Dec 21, 2018					Dec 28, 2018				
TASK				ASSIGNED TO		PROGRESS		START		END																																																																														
Fall 2018 Deliverables				70%		9/10/18		1/22/19																																																																																
Set up SharePoint site. Organized necessary folders and uploaded relevant documents		Alfonso	100%	9/10/18		9/12/18																																																																																		
Gathered team suggestions into an easy to read format to present for our sponsors.		Dylan	100%	9/12/18		9/17/18																																																																																		
Listed Sponsor Concerns in one concise document to discuss in meeting.		Mohamed	100%	9/12/18		9/17/18																																																																																		
Set up Github and software for online meetings.		Alfonso	100%	9/12/18		9/17/18																																																																																		
Outputting basic "Hello World" program on MBED compiler .		Dylan	100%	9/12/18		9/17/18																																																																																		
Make a list of clicks that will be used for projects with reasoning.		Mohamed	100%	9/12/18		9/17/18																																																																																		
Coordinate Hardcopy of Statement of Work		Alfonso	100%	9/10/18		9/24/18																																																																																		
Begin Initial PCB Design complying with the mikroBUS standard		Mohamed	100%	9/24/18		9/30/18																																																																																		
Begin initial Mbed library design at very high level		Dylan	100%	9/24/18		9/30/18																																																																																		
Coordinate Hardcopy of Functional Spec		Alfonso	100%	9/25/18		10/15/18																																																																																		
Initial Design PCB Finalized		Mohamed	100%	10/15/18		11/1/18																																																																																		
Initial Design for MBED Interface Finalized		Dylan	100%	10/15/18		11/1/18																																																																																		
Coordinate Initial Design Review Presentation		Alfonso	100%	10/15/18		10/23/18																																																																																		
Coordinate Hardcopy Updated Spec		Alfonso	100%	10/22/18		11/5/18																																																																																		
Order PCB to be printed		Mohamed	50%	10/20/18		11/15/18																																																																																		
Design for Initial Website Layout		Alfonso	50%	11/1/18		12/1/18																																																																																		
Coordinate Hardcopy of Labor Cost Schedule		Alfonso	50%	11/5/18		11/19/18																																																																																		
Testing PCB		Mohamed	0%	11/15/18		12/1/18																																																																																		
First Draft of Poster for Review		Mohamed	0%	11/12/18		11/26/18																																																																																		
Coordinate Hardcopy of Test Plan		Alfonso	0%	11/16/18		11/30/18																																																																																		
Second Design-Manufacturing Cycle for PCB		Alfonso	0%	12/1/18		1/15/19																																																																																		
Winter Break		Team	0%	12/14/18		1/22/19																																																																																		

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Project Start:	Sat, 1/12/2019
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Display Week: 1

Team Members: Dylan Dean, Mohamed Sghari				Display Week:	1																																																																																																																					
				Jan 12, 2019							Jan 18, 2019							Jan 25, 2019							Feb 1, 2019							Feb 8, 2019							Feb 15, 2019							Feb 22, 2019							Mar 1, 2019							Mar 8, 2019							Mar 15, 2019							Mar 22, 2019							Mar 29, 2019							Apr 5, 2019							Apr 12, 2019							Apr 19, 2019							Apr 26, 2019							May 3, 2019						
				11 12 13 14 15 16 17							18 19 20 21 22 23 24							25 26 27 28 29 30 31							1 2 3 4 5 6 7							8 9 10 11 12 13 14							15 16 17 18 19 20 21							22 23 24 25 26 27 28							1 2 3 4 5 6 7							8 9 10 11 12 13 14							15 16 17 18 19 20 21							22 23 24 25 26 27 28							29 30 31 1 2 3 4							5 6 7 8 9 10 11 12 13 14 15 16 17 18							19 20 21 22 23 24 25 26 27 28 29 30 1 2							3 4 5 6 7 8 9																				
TASK				ASSIGNED TO							PROGRESS							START							END																																																																																																	
Spring 2019 Deliverables				0%							1/16/19							5/20/19																																																																																																								
Complete Signal reading library with interface class using Mbed				Dylan							0%							1/16/19							2/16/19																																																																																																	
Full functionality test of I/O with 10 Clicks on functioning PCB				Mohamed							0%							1/16/19							2/16/19																																																																																																	
Initial Desing for Website with HTML and CSS				Alfonso							0%							1/16/19							2/16/19																																																																																																	
Optimize Mbed code and test with all Clicks				Dylan							0%							2/16/19							3/2/19																																																																																																	
Gather sample data from Clicks				Mohamed							0%							2/16/19							3/2/19																																																																																																	
Implement Website Functionality				Alfonso							0%							2/16/19							3/16/19																																																																																																	
Full PCB and Clicks functionality test				Mohamed							0%							3/3/19							4/16/19																																																																																																	
Full Mbed code functionality test				Dylan							0%							3/3/19							4/16/19																																																																																																	
Full Website code functionality test				Alfonso							0%							3/16/19							4/16/19																																																																																																	
Full Project functionality test				Alfonso							0%							4/17/19							5/4/19																																																																																																	
Final Poster Review				Mohamed							0%							4/17/19							5/4/19																																																																																																	
Final Presentation Preparation				Dylan							0%							4/17/19							5/4/19																																																																																																	
Senior Design Day				Team							0%							5/5/19							5/5/19																																																																																																	
Post descriptions reports and source code in Mbed and NXP community forums				Alfonso							0%							5/6/19							5/9/19																																																																																																	