# Updated Gantt Chart of Project Schedule (2/3/16)

						S	ep-15	(	Oct-15		Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16
ID	Activity	Start	Finish	Hours	Completion Percentage	15 17	22 24 29	1 6 8	15 20 22 27	29 3	5 10 12 17 19 2	4 1 3 8	21 26 28	2 4 9 11 16 18 23 25	1 3 8 10 22 24 29 31	5 7 12 14 19 21 26 2
1	Read Manual for Interpretation of data packet from scanner	9/15/2015	9/17/2015	3.33	100%											
2	Research Image Registration Algorithms	9/22/2015	9/24/2015	4.33	100%											
3	Purchase Camera	9/22/2015	10/1/2015	N/A	100%											
4	Purchase Embedded Device	9/22/2015	10/8/2015	N/A	100%											
5	Receive VLP-16	9/22/2015	10/15/2015	N/A	100%											
6	Test Embedded Device	10/20/2015	10/20/2015	2.17	100%											
7	Test Power supply to camera	10/22/2015	10/27/2015	5.83	100%											
8	Implement Image Registration in MATLAB	10/22/2015	10/29/2015	7.17	100%											
9	Implement Data Packet Read Function on Embedded Device	10/22/2015	11/10/2015	16	100%											
10	Test image Capture Capability of Camera	10/29/2015	11/5/2015	7.17	100%											
11	Implement Image Registration on Embedded Device	11/3/2015	11/23/2015	20.83	75%											
12	Camera Installation	11/10/2015	11/17/2015	7.67	100%											
13	Test Data Packet Read Function on Embedded Device	11/12/2015	11/19/2015	6.33	100%					_						
14	Interface via operating system	11/19/2015	12/1/2015	8	73%											
15	Test power supply to scanner	11/23/2015	12/1/2015	3.17	0%											
16	Implement Image Registration for Single Frame Input	12/1/2015	1/21/2016	11	10%											
17	Test Timing And Transmission of Data	12/3/2015	1/21/2016	6.17	0%											
18	Test VLP-16 Scanner	12/3/2015	12/8/2015	3.17	100%											
19	Process Data Packet From Scanner	1/21/2016	2/2/2016	11.33	85%					_						
20	Image Registration For Live Video	1/26/2016	2/4/2016	11	0%					_						
21	Camera Data Packet Transmission	2/4/2016	2/16/2016	11.5	100%											
22	Orient/Install Scanner with appropriate scan angle (15 degrees)	2/9/2016	2/16/2016	6.17	0%											
23	Progress Presentation	2/18/2016	2/18/2016	Deliverable	N/A					_						
24	Student Expo Abstract	3/10/2016	3/10/2016	Deliverable	N/A					_						
25	Test System Stability	3/22/2016	3/29/2016	Deliverable	N/A											
26	Project Demonstration	3/24/2016	3/24/2016	Deliverable	N/A		_						_			
27	Final Presentation (Last Lab Day)	4/7/2016	4/7/2016	Deliverable	N/A		_						_			
28	Student Expo Poster Printing Deadline	4/7/2016	4/7/2016	Deliverable	N/A		_						_			
29	Student Expo Poster Setup	4/12/2016	4/12/2016	Deliverable	N/A											
30	Student Expo	4/14/2016	4/14/2016	Deliverable	N/A		_						_			
31	Final Report (Draft)	4/14/2016	4/14/2016	Deliverable	N/A					_						
32	Final Report	4/28/2016	4/28/2016	Deliverable	N/A											
33	Final Web Page	4/28/2016	4/28/2016	Deliverable	N/A											
34	Advisory Board Poster Printing Deadline	4/28/2016	4/28/2016	Deliverable	N/A											
35	Advisory Board Poster Presentation	4/28/2016	4/28/2016	Deliverable	N/A											

# Progress Update (2/3/16)

#### Juan Vazquez

I was able to resolve the memory allocation error on the EMMC by using the built-in application "Odroid-Utility." I've now began integrating the Ethernet packet detection program with Dan's packet reader program. As of now, I've been able to reformat the detected Ethernet packet data to a format where the packet detection program can read them.

## David Bumpus

After successfully compiling PCL and OpenCV, I have tested the two libraries and determined that they are fully functional. I have begun to implement feature detection for point clouds (PCD files) using PCL. I will continue to work at the same pace.

## Daniel Kubik

Point Cloud Library (PCL) is now recognized by Visual Studio on my machine. I have also begun to write a function that converts my preexisting MasterBlock data type to a data type compatible with PCL (a "point cloud"). I will continue working at the same pace.