Task Name	Group Member	Finish by Date/Due	Sep-15		Oct-15		Nov-1	.5		Dec-15		Jan-16	Feb-16	Mar-16	Apr-16
			1 8 15 22	29	6 13 20	27	3 10 17	24	1 8	15 22	29	5 12 19 26	2 9 16 23	1 8 15 22 2	9 5 12 19 26
Individual Behavior														I	
Research Kilobot Sensors	Jared	September 28, 2015												I	
Research Kilobot Communication Protocol	Jared	October 12, 2015												I	
Research Q-bot Image Processing	Ryan/Greg	October 5, 2015												I	
Research Q-bot Sensors	Ryan/Greg	September 28, 2015												I	
Reseach Q-bot Communication Protocol	Ryan/Greg	October 19, 2015												I	
Reseach E-puck Sensors	Brittany	October 26, 2015												I	
Research E-puck Communication Protocol	Brittany													L	
Individual Communication														I	
Research/Test Kilobot - Kilobot	Jared	October 19, 2015												I	
Research/Test E-puck - E-puck	Brittany	December 14, 2015							Т					I	
Research/Test Qbot - Qbot	Ryan/Greg	November 2, 2015												<u> </u>	
Integrated Communication															
Test Kilobot - E-puck	Jared/Brittany	December 14, 2015							Т					I	
Test Kilobot - Qbot	Jared/Ryan/Greg	November 16, 2015												I	
Test E-puck - Qbot	Brittany/Ryan/Greg	December 14, 2015												I	
Algorithm Design															
Design Linear Based Model	All	December 14, 2015												I	
Integrated Behavior															
Formation Control Behavior														I	
Localization	All	January 25, 2016												I	
Point Convergence	All	January 25, 2016							Ш					I	
Leader Follower	All	January 25, 2016							Ш					I	
Flocking Behavior									Т					I	
Neighbor Repulsion	All	February 1, 2016												I	
Enpoint Attraction	All	February 1, 2016							Т					I	
Heading	All	February 1, 2016							Т					I	
Testing									Т						
Software Implementation	All	March 7, 2016													
Hardware Implementation	All	March 7, 2016							Ш						
Deliverables		,							Т		_				+
Project Proposal - Oral Presentation	All	October 1, 2015												I	
Project Proposal - Document	All	October 15, 2015												I	
Webpage Release	All	October 28, 2015												I	
Fall Progress Presentation	All	November 19, 2015												I	
Fall Performance Evaluation	All	November 19, 2015												I	
Fall Performance Review	All	December 3, 2015												I	
Spring Progress Presentation	All	Feburary 18, 2016												I	
Student Expo Abstract	All	March 18, 2016													
Progject Demostration	All	March 24, 2016													
Final Presentation	All	April 7, 2016													
Student Expo Poster Printing Deadline	All	April 11, 2016													46
	All							ļ						I	
Student Expo Poster Setup		April 12, 2016						ļ						I	
Sudent Expo	All	April 14, 2016	1						1						
Final Report (Draft)	All	April 14, 2016	ĺ						I						<del></del>
Final Report	All	April 28, 2016	ĺ						I					İ	
Final Web Page	All	April 28, 2016	ĺ						I					İ	
Advisory Board Poster Printing Deadline	All	April 28, 2016						ļ						I	
Advisory Board Poster Presentation	All	April 29, 2016	L		1				L						

This week Jared began to work with Brittany on a method of communication between the kilobots and E-pucks. It was determined that the E-puck's IR proximity sensors can act as a message receiver and transceiver. Initial testing shows that sending a message is indeed possible. Brittany and Jared will continue to work on this part of the project. Greg and Ryan were able to get a Qbot to move in a general sinusoidal trajectory. However, it would flatten out into a line after about one or two periods. They did a few MATLAB simulations with the sinusoidal algorithm with different initial conditions. The simulations did not dampen into a line like our Qbot did. They were able to alternate connections of a Qbot server between two Qbot clients. Finally, Ryan and Greg went to Markin at Bradley University to test the flocking and point consensus algorithms in a more spacious area. The team is getting back on track, and hopes that next semester the team will be ahead of schedule.