Task Name	Group Member	Finish by Date/Due
Individual Behavior		
Research Kilobot Sensors	Jared	September 28, 2015
Research Kilobot Communication Protocol	Jared	October 12, 2015
Research Q-bot Image Processing	Ryan/Greg	October 5, 2015
Research Q-bot Sensors	Ryan/Greg	September 28, 2015
Reseach Q-bot Communication Protocol	Ryan/Greg	October 19, 2015
Reseach E-puck Sensors	Brittany	October 26, 2015
Research E-puck Communication Protocol	Brittany	
Individual Communication		
Research/Test Kilobot - Kilobot	Jared	October 19, 2015
Research/Test E-puck - E-puck	Brittany	December 14, 2015
Research/Test Qbot - Qbot	Ryan/Greg	November 2, 2015
Integrated Communication		
Test Kilobot - E-puck	Jared/Brittany	December 14, 2015
Test Kilobot - Qbot	Jared/Ryan/Greg	November 16, 2015
Test E-puck - Qbot	Brittany/Ryan/Greg	December 14, 2015
Algorithm Design		
Design Linear Based Model	All	December 14, 2015
Integrated Behavior		
Formation Control Behavior		
Localization	All	January 25, 2016
Point Convergence	All	January 25, 2016
Leader Follower	All	January 25, 2016
Flocking Behavior		
Neighbor Repulsion	All	February 1, 2016
Enpoint Attraction	All	February 1, 2016
Heading	All	February 1, 2016
Testing		
Software Implementation	All	March 7, 2016
Hardware Implementation	All	March 7, 2016
Deliverables		
Project Proposal - Oral Presentation	All	October 1, 2015
Project Proposal - Document	All	October 15, 2015
Webpage Release	All	October 28, 2015
Fall Progress Presentation	All	November 19, 2015
Fall Performance Evaluation	All	November 19, 2015
Fall Performance Review	All	Decemeber 3, 2015
Spring Progress Presentation	All	Feburary 18, 2016
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
Student Expo Poster Setup	All	April 12, 2016
Sudent Expo	All	April 14, 2016
Final Report (Draft)	All	April 14, 2016
Final Report	All	April 28, 2016
Final Web Page	All	April 28, 2016
Advisory Board Poster Printing Deadline	All	April 28, 2016
Advisory Board Poster Presentation	All	April 29, 2016

Timeline columns: Sep-15, Oct-15, Nov-15, Dec-15, Jan-16, Feb-16, Mar-16, Apr-16

Legend: ■ Complete   ■ In progress

Jared has continued work on localization with the Kilobots. Brittany has also continued work on the E-pucks. She has tried to enable the disabled E-pucks, but is finding more problems. She is going to start work on an algorithm. This algorithm will include creating a coordinate system with the E-puck and then moving to a specific point on the coordinate system. This past week, Greg and Ryan attempted to program a Qbot to move in a sinusoidal motion based on the sample time. We were able to get a general shape of a sine wave, but it would flatten out at the end. All adjustments to the movement equations only resulted in speed changes. As the semester is coming to end, work on communication between platforms needs to be established. This would ensure that next semester algorithm designs for formation control and flocking behaviors can be established.