This is the first update of the semester, due to lack of material to update upon. For this project there have been a few hold ups, but for the most part the project is going smoothly. We have finally finished layout design for the RF to DC converter. With the layout design there were a few questions that arose concerning impedance matching networks at the input of the system. There was no clear cut solution, so there was one layout designed with an impedance matching network and there was one layout designed without. Once the layouts are fabricated we can test and see which is best. There was also an issue with grounding our system. We had to use via holes in the layout design in order to run certain microstrips to ground. In ADS the via holes were made to be half on the pad and half off of the pad, which is not what we wanted. We needed to have the entire via hole on the pad. There was no solution found in layout design, so we asked Micro Circuits if they could alter the Gerber file before manufacturing the layout. They said that they could, so that took care of that issue. Now we are currently trying to get out layout approved in order for it to be designed. We have all of our testing components ready and we will start to see what our antennas are capable of soon, but we will be unable to test the physical system until it is in our hands. Overall, the project is going along smoothly and hopefully will be ordered and tested soon.

ID	Task Name	Start	Finish	Duration	Spring 2015 - Spring 2016							
1	Research	Spring 2015	Spring 2016	40 Weeks								
2	Diode Selection	Fall 2015	Fall 2015	1 Week								
3	Diode Configuration	Fall 2015	Mid Fall 2015	6 Weeks								
4	Filter Design	Mid Fall 2015	Mid Fall 2015	6 Weeks								
5	Impedance Matching	Mid Fall 2015	End Fall 2015	6 Weeks								
6	Purchase Parts	End Fall 2016	End Fall 2015	1 Day								
7	Circuit Implementation	Beginning Spring 2016	Mid Spring 2016	12 Weeks								
8	Contact Manufacturor	Mid Spring 2016	End Spring 2016	1 Week								
9	Test Product	End Spring 2016	End Spring 2016	3 Weeks								