Murfin ECEN3753 Week 3 Project Standing Statement

This week (3) I attempted items 2, 5 and 6 from my scoped work list (item 2 was partially complete). For Item 2, I completed research into the LCD graphics display – mainly, I figured out how to properly add glib libraries to project for it to work. For item 5, I reviewed the lecture on physics implementation and was able to come to a full conceptual understanding of the basic algorithm required. For item 6, I spent 7hrs over the last few days implementing an algorithm for physics. Actually writing the code, this is definitely a little tougher than I expected. I went back and forth about how to implement the algorithm that Prof Haines explained, but the boundary conditions are quite confusing, and I’m going to need to spend at least a couple hours next week thinking hard and finishing up that algorithm. This week, I also came up with functional tests and implemented some of them in code, by adding comments for the user to include breakpoints at specific locations for specific testing events. I updated the risk register as well – I marked the physics calculation uncertainty risk “Resolved.”

I have completed ~50% (23.17/46.5 prorated expected hrs of work done) of my scoped work in ~94% of the expected time to complete that work (21.83actualworkhours/23.17expectedworkhrs). Since I’m still shockingly close to my expectations I’m, again, not going to adjust anything.