ECE Senior Design Weekly Report

**Engineer’s Name:** Leon Tran             **Date:** 04/19/17

**Team Name:** The Globetrotters **Lab Section:** 4

**Week’s Task:** RF Communication from the base to the globe for communicating the location that the globe will rotate to.

**Results:**

* **RF Transceiver (nrf24l01+)**
  + Found a library for the PIC16
  + Understood the ground fundamentals for SPI Communication
  + Configured the PIC16 for SPI Communication
  + Currently working on trying to communicate between 2 PIC16s using the nrf24l01+ as the RF Communicator
* **GUI**
  + Redesigned the Location List

