ECE Senior Design Weekly Report

**Engineer’s Name:** Leon Tran             **Date:** 02/15/17

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

**Week’s Task:** Construct a Gantt Chart for the Schedule of the Project. Research information about a visual representation of Brian’s API data and a way to project an image onto a globe.

**Results:**

* **Drafted out a Gantt Chart**
* **Ubuntu (Linux OS)**
  + Testing QGIS & Splash Projection on a Linux Operating System
    - The QGIS maps can be controlled externally through some QGIS APIs
      * Language is Python
      * <http://www.qgis.org/api/classQgsMapCanvas.html#details>
        + Contains a plethora of QGIS APIs
    - Researched on how to construct a basic map projection of the countries around the world
      * <http://www.qgistutorials.com/en/docs/working_with_projections.html>
* **Projection Mapping**
  + **Projection** 
    - <http://paulbourke.net/dome/faq.html>
    - Learned the basics of how map projection works onto a 3D Dome.