ECE Senior Design Weekly Report

**Engineer’s Name:** Leon Tran             **Date:** 02/22/17

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

**Week’s Task:** Construct a World map with the QGIS Software.

**Results:**

* **Constructed a equirectangular World map using QGIS**
  + **Able to display the capitals of every country and population sizes of those countries**
    - **Will be able to build upon these features with data that Brian will pull off from his APIs**
  + **Able to perform simple actions**
    - **When a capital is clicked on** 
      * **It will redirect to a google search of that capital**
      * **It will pop up an image of that country onto the map**
  + **Researched additional features that would make the globe projection more life like**
    - **Clouds**
    - **Ocean Current**
    - **Thinking of showing it as a clip, so that the Globe will have more of a wow factor.**
* **Researched Scripting for converting a Equirectangular map to Azimuthal equidistant map**