ELET 4780 – Senior Project 1 – FALL 2015

To: Elias Kougianos

From: Chris Harris

CC: George Dunson

Date: 10/18/2015

Re: Senior Design Weekly Report – TEAM 1

# Overview

This week we focused on getting a thingspeak.com account up and running. So far we have created an account and set up a mock website to test out the functionalities of the service. We have been able to send a single point of data to the site and are well on our way to being able to send continuous information to the site. This was done by using a Linux based system and grabbing temperature data from the computer to send to the website. This will be similar to how we will implement the process for the Intel Edison.

# Completed Tasks

* Updated Firmware to Debian based Operating System
* Created ThingSpeak website

# Ongoing Tasks

* Find example code
* Read datasheets and reference materials for the Edison
* Build prototype
* Send continuous data to the Thingspeak website

# Next Week’s Tasks

* Create actual Thingspeak site to push the Edison data to
* Focus on developing a prototype
* Make an outline to detail our areas of focus going forward

# Interaction with the other team members

* George and I spent around 4 hours working on the Thingspeak account, along with learning more about interfacing with the Edison
* Used any spare time between classes to get together and exchange ideas about the project