**Engineering Design II   
Winter 2013  
Weekly Status Report**

Name: Danny Gunny  
  
Team: ACAMP

Date: 01/27/13

Week: 4

**All Tasks Complete**

\_X\_ Yes

\_\_\_ No

**Hours spent on project** **=** 25

**High level, overview summary of progress during past week (very concise):**

Since the last meeting, I have finished several things. First, Justin and I went to the College 8 Senate Meeting on Jan. 24th to ask for funding. Second, I completed comparing micros and have decided on the ATmega2560 as the micro of choice, provided we can wipe the Arduino code off of it. Third, I completed a rough estimate of our power budget by comparing several different types of each part and determining the average power use of each component. Lastly, I had a discussion with a hydroponics grower and determined several things that our project should factor in as well as additional considerations relating to the physical design.

**Unfinished Tasks:**

None

**Completed Tasks:**

Decided on a micro (ATmega2560)

Figured out a power estimate for the project

Worked on design of the project

Presented our project for the College 8 Senate

Researched additional funding – Citrus and Carbon Fund are past deadlines

**To-Do List:**

Begin working with microcontroller (figure out basics and how to operate it)

Elaborate on physical design

Help Justin with mech design

Research power supplies

**Problems holding up progress:**

Need to find a faculty sponsor