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

**Account of work completed in previous week and the plan for following week.**

Name: Wayland He  
Team: ACAMP

Date: 1/23/12

Week: 3

**All Tasks Complete**

\_X\_\_ Yes

\_\_\_ No

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

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

This week I completed the charter for the group and presented our updated project to Prof. Vesecky. We also went to the Hydroponics store in Santa Cruz and figured out that we would probably have to hack a PH sensor so that we can feed the values into the microcontroller. We also went to talk to Prof. Elkaim and some graduate students about our project and learned that the most feasible way to complete the project was to use a Linux kernel to connect to the web. The graduate students were trying to use a microcontroller, but were running into many difficulties. I decided that I would take lead in learning how to interface the microcontroller with a Linux based system and also how to use Linux to connect to the web. I also worked on applying for College Eight funding and secured a proposal meeting on January 24th.

**Unfinished Tasks:**

None

**Completed Tasks:**

Talk to hydroponics store about PH sensors

Figure out which microcontroller we should use by talking to Prof. Elkaim

Apply for College Eight funding and secure a meeting date to present proposal

**To-Do List:**

Finalize components and make orders

Buy a Raspberry Pi so I can start learning how to use a Linux kernel

**Problems holding up progress:**

Money

Software for lab computers