Meeting Minutes: March 23, 2016

Team: grEEn

Team Leader: Bridget

Note Taker: Kara

Present: David, Dr. Schafer

Access Point

* + User has to be able to select SSID, password, garden name, and plant in a way that is straight forward and doesn’t require technical knowledge
	+ The system has to notify the user when it has lost internet
	+ For the board design make sure to include whatever we need to ensure that this wifi setup method will work

Board Design

* + Using ESP12F - part is located in library on Sakai
	+ Use fixed voltage DC-DC at 3.3 V - no need for voltage regulator
	+ Sensor board containing just the sensors and the mix - will connect to main board (I2C)
	+ Using a PMOS transistor to control the power to the sensors to save battery.
		- The transistor will be pulled low when the ESP device wakes from sleep, this will turn on the sensors
	+ The board has about a two week lead-time so finish the design ASAP

Current Goals

* + Get access point feature working with ESP
	+ Have a board design to be sent to Professor Schafer for review by Monday, March 28, 2016