

<b>Group Number and Name</b>	<b>Dec14-12</b>
<b>Client/Advisor</b>	<b>Bong Wie</b>
<b>Attendees/Role</b>	<b>Sean Nichols/Leader, Chi Hoe How/Communication, Yishu Mei/Webmaster/ Meng Lu/Advisor</b>

### Past Week Accomplishments

- Had a team meeting on Thursday, March 4<sup>th</sup>, to decide on the parts we are going to put on order before Spring Break.
- Sean and Yishu met on Sunday, March 9<sup>th</sup>, to put up the website. We now have a template with named pages and tabs. Our content is yet to come, but our weekly reports tab is complete

### Plan for Coming Week

- Put in the order for our parts and wait for them to arrive.
- Complete the website and have it be ready for public viewing. Delete template elements and add in our own content for each page
- Talk to Lee Harker to get information on PCB design for our test boards. We will need information such as:
  - Design Rules
  - Lead time
  - Information on Placing an order for our parts

### Pending Issues

- We really need to figure out how to receive funds from our budget so we may place the order.
- We will need to learn more about placing an order through ISU. This information must be found before Mid week so that we are able to have enough time to actually order our parts before everyone parts ways for spring break

### Individual Contributions

- Sean studied using Dreamweaver to be used in making our website. He also sat down with Yishu on Saturday Mar. 8 to show him how to use Dreamweaver so he may take on his responsibilities as Webmaster.

- Sean met with Dr. Phillip Jones to discuss aspects of Bluetooth modules and configuring them for microcontroller UART.
- Chi Hoe found a great stepper motor driver and researched gearing ratios.
- Yishu found a power supply that could have been used in our design. We ended up deciding not to use this small power supply, and decided to go with a larger, computer power supply.

### Individual Hourly Contributions

<u>Name</u>	<u>Hours this week</u>	<u>Hours Cumulative</u>
Sean Nichols	8	45.5
Chi Hoe How	6	28
Yishu Mei	4	22

### Comments and Extended Discussions

Since we have already decided on most of the parts we need, we will just order our parts and wait for it to arrive before progressing with our project. In the mean time, we will all be working on the website to complete it and put up all the needed documents for public viewing.

The decision on going with a computer power supply was based on the fact that they are very regulated and clean power rails. They can also supply a large amount of current, so we will not have to worry about this in our design since the largest current draw will be our stepper motor and that will only draw about 1A or so tops. So, from a 250 Watt 12V power rail, this will be next to nothing.