***Week 6 Reports – Dec1212***

**[Temperature and humidity control for a chip-scale seed culture laboratory]**

**Accomplishments of the past week**

1. Website has been created and uploaded onto the ISU domain. We have uploaded the weekly reports on the website.
2. We have decided which solenoids to use for the project.
3. Contacted Sensirion to get information about SHT1X. Waiting to hear back from the company.
4. Prepared the weekly report as a group.

**Plan for coming week**

1. Contact distributors with specific questions regarding products to make sure it is compatible with the system we have in the lab.
2. Follow up with Dr.Mani Mina on acquiring products for our project.

**Pending issues**

1. No pending issues.

**Individual Contributions**

Narimdinda Robert Yann Bouda & Sahan Fernando

1. Worked out logic circuits for Sensiron SHT 1X(temperature and humidity sensor)
2. Try to understand if Arduino could be used to serve as a Master in the master-slave relationship between the Arduino and the Sensiron.

Sean Belieu & Ashok P. Rajan

1. Completed the website.
2. Selected a solenoid package, and prepared questions for Clippard to determine if the package suits the project needs.

Tianyu Wang & Zhaokui Wang

1. Started fabrication of fluid delivery channels.
2. Work on their section for the presentation.