***Week 8 Report***

**Team: Dec1212**

**Title: Temperature and humidity control for a chip-scale seed culture laboratory**

**Client & Faculty Advisor: Dr. Liang Dong**

**Time Commitment thus far:**

Narimdinda Robert Yann Bouda – 28

Sahan Fernando - 15

Sean Belieu – 28

Ashok P. Rajan – 30

Tianyu Wang - 19

Zhaokui Wang - 16

**Accomplishments of the past week**

1. Prepared the first draft of the design document.
2. Continued revising the project plan.

**Plan for coming week**

1. Purchase the screw adapters for the electronic manifolds.

**Pending issues**

1. Receiving SHT1X from Sensiron.

**Individual Contributions**

Narimdinda Robert Yann Bouda

1. Currently prototyping a non-functional circuit for the sensor.

Sahan Fernando

1. None

Sean Belieu & Ashok P. Rajan

1. Discussed with Faculty Advisor on the method of sending input signals to electronic manifold.
2. Decided on the size of Input and output tubing sizes to purchase.
3. Decided if we would need a microcontroller for analog to digital conversion or only for serial user interface.
4. We have received our Electronic manifolds from Clippard.

Tianyu Wang & Zhaokui Wang

1. Fabricate SU-8 glass again using a different method because one section of the previous fabrication steps had to be removed due to malfunction of a machine.