***Week 9 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 second draft of the design document.
2. Continued revising the project plan.

**Plan for coming week**

1. Purchase the screw adapters for the electronic manifolds.
2. Setting appointment with Graduate students for sensor specification

**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. Researched different Microprocessors that would work with SHT11, the temp./humidity sensor.
2. Met with Professor Dong and Peng Liu regarding the selection of a microprocessor for the SHT11, temp./humidity sensor.
3. Worked on the Project Plan

Ashok P.Rajan & Sean Belieu

1. Researched on tubing adaptors to fit tubings into electronic manifold.
2. Discussed with Faculty advisor on method of sending signals.ie: direct through computer software or using a microcontroller
3. Researched on tubing to tubing adaptors to be able to use tubings provided by client.

Worked on the Project PlanTianyu Wang & Zhaokui Wang

1. Work on progress