***Week 5 Reports – Dec1212***

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

**Accomplishments of the past week**

1. Continue working on the website.
2. Came up with questions to ask client about Solenoids.
3. Discussed with Faculty advisor on what should go on the class presentation.

**Plan for coming week**

1. Design a circuit layout for the Sensiron SHT 1X (temperature and humidity sensor).
2. More exploration about micro-channels and micro-fluid logic.
3. Coming up with Logic for solenoid control.

**Pending issues**

1. Meet Faculty advisor with prepared slides to discuss on what to present.
2. Setting up documents such as weekly reports and project plan on a webpage.

**Individual Contributions**

Narimdinda Robert Yann Bouda – ***Leader***

1. Worked out logic circuits for Sensiron SHT 1X(temperature and humidity sensor)

Sean Belieu – Webmaster

1. Began layout for webpage. continued to research soleniods for use in the pump project. Began drawing a block diagram for the VHDL control system to be used in conjunction with the solenoids.

Ashok P. Rajan – ***Communication Liason***

1. Prepared Weekly report and started preparing slides with Sean Belieu for class presentation.

Sahan Fernando

1. Sahan Fernando: Researched control circuits for the Sensiron SHT 11 temperature/ humidity sensor. Attended weekly meetings and participated in group activities.

Tianyu Wang,

1. Set up a meeting with advisor and discussed further on liquid and air channel with Zhaokui wang.

Zhaokui Wang

1. Work on their section of the presentation slides.