EE 491 Weekly Report MAY15-12 Week 1 (9/1/14-9/7/14)

**Advisor: Gary Tuttle** **Client: NASA Marshall Space Flight Center**

**Members (Roles): Isaac Johns, Ryan Bissett, Tom Henry, Luke Dahlman, Anh Ho, Dustin Pierce**

**Project Title: Remote Deployment Circuit and Mechanism for Lightweight CubeSat Solar Panels**

**Weekly Summary**

The main goal this week was to get to meet all members of the group, meet with our advisor, contact John Carr, and how/where to begin.

**Meeting notes:**

* 100% Perfection in performance
* Hope to make a working circuit, will be relatively a success
* Help with circuit through the course of the year
* Even out the work throughout the year
* Demo in May
* Keep in touch with John Carr to know the scope of the project
* Office Hours – MWF 11-2, TR 2:30-4, & can be flexible
* Research on mechanism (automatic awnings, stepper motors, arduinos, driving electronics, & deploying mechanism)

**9/3 Group Meeting with Advisors**

**Duration:** *30 min* **Members Present:** *All*

**Purpose and Goals:**

* Establish contact with advisor, define project deliverables, answer logistical questions, make sure everyone is on the same page, and how to move forward.

**Achievements:**

As a group, we defined exactly what was expected of us over the course of the project:

 Luke Dahlman – Team Leader

 Ryan Bisset & Isaac Johns – Team Communicators

 Anh Ho & Dustin Pierce – Team Key Concept Holders

 Tom Henry – Team Webmaster

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We also received answers to our questions of where, when, and how we would complete our work.

**Pending issues**

1. Contact with Alex Carr about specifications of the project.

**Plans for next week**

1. Luke: Contact John Carr
2. Isaac & Ryan: Weekly Group Report
3. Anh & Dustin: Keep group on task and moving forward
4. Tom: Google Docs & Weebly

As a whole the group will research the key words given to us by Gary Tuttle about awnings and deploying mechanisms.

**Individual Contributions(this week)**

* Luke – Attempted to contact John Carr, organized advisor meeting, and attended meetings (2 hr.)
* Isaac – Wrote Weekly Report, attended meetings, and researched key words (2 hr.)
* Ryan - Wrote Weekly Report, attended meetings (2 hr.)
* Tom – Created Google Docs page, attended meetings (2 hr.)
* Dustin – Attended meetings, kept group on task (2 hr.)
* Anh – Attended meetings, kept group on task, took notes at advisor meeting (2 hr.)

**Total contributions for the project**

* Anh – 2 hr
* Dustin – 2hr
* Tom – 2 hr
* Ryan – 2hr
* Isaac – 2 hr
* Luke – 2 hr