

**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

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## 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 Bissett & 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