Faculty Meeting  
Tuesday October 2, 2007  
Team D.E.A.D.S  
Presence: Justin Dick, Ngon Du, Lassen Loop

**Agenda:**

1) Updates tasks from last week  
2) Current tasks needed to be done by team and individuals

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1) **Updates tasks/discussions**

- We are running into power consumption by the solenoid: once the voltage reaches below 8.5V, the solenoid stops working. If hook up to power supply with min of 9V then the solenoid works again.  
- Looking at the alternative solenoid option that have less current draw. The alternative is to use the 1.5V battery source running in series. It will give us up to 12V source if using 8 1.5V batteries.
- Use scale factor, pin for the POT function to accept time-know input to the microcontroller  
- Need to figure out how to test if the power source will last in term of supporting the bridge. Might want to run it continuously overnight  
- The bridge has been soldered to the microcontroller and the pins are operating as expected (same behavior as tested on breadboard)

2) **Current tasks for team/members**

**Justin:**  
- Set up appointment with client/Dave within the next two weeks for a mid-design review/presentation.  
- Continue testing and verify power consumption of each subsystems

**Lassen:**  
- Investigate on timing knob  
- Solder the new receiver if the shipping comes in this week.

**Ngon:**  
- Develop microcontroller code to accept variable resistance from timing knob  
- Work with Lassen on scaling the timing knob to microcontroller  
- Work with Justin on system power
Travis:
- Check on shipping status of new housing
- Help out team with soldering/testing