Light of the World

Altura, Appleton, Baur, Yurkovich

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Meeting Agenda – 4.29.13

- ❖ Demo
    - o Prototype flyback and PIC18 dev board
- ❖ Discuss this week's progress
    - o Sketchup model & 3D prototypes
    - o Power supply improvement
    - o Capture & Compare progress
        - ▪ Schmitt trigger added to zero cross circuit
    - o Final report writing
    - o Boards built; slight modifications implemented
- ❖ Open items
    - o Finalizing code
        - ▪ Time-sensitive portions of capture and compare module?
        - ▪ Smoother dimming (no jumps in brightness levels)
    - o Ambient light sensor development
    - o Packaging improvements
        - ▪ Printing on Fortus at 1:15pm today. Need to pay Natalie.
    - o Android app
        - ▪ Redesign of UI
    - o Contact Dr. Sauer for PF & efficiency measurements?
    - o Timeline for Report wrap-up
- ❖ Upcoming deadline
    - o Demo of Working Prototype -- May 3
    - o Complete documentation on web –- May 9th