**CENG 317 - Solar Project Status Report**

To Kristian Medri,

This status report will give information regarding the progress made on the Solar Panel project. Since the last status report, the tools and components required have been received. Now that all of the hardware required has arrived, construction on the project has begun

The prototype was created on a breadboard, with the circuit designed in Fritzing. The PCB from Humber has been successfully soldered and tested as of Thursday October 13th. Images and information regarding this step will be posted next week, as it has been done ahead of schedule.

The objectives outlined in the proposal are still expected to be completed. With the time provided since the proposal, a clear goal is in place. I have found out how to interface with the sensors using I2C on the Raspberry Pi.

A problem encountered is with the motion detection. I must discuss this topic with you, to get a better understanding of what is to be done with it.

I am currently under budget, as many tools and components specified were already in possession. I saved over $35 purchasing items from RobotShop in bulk with the other Solar Project students. The soldering iron purchased for $7 does not seem safe to use, so I used the one in the Prototype Lab. I seem to have a good grasp on the budget, and do not expect to go over.

I feel I have a better understand of the project now that I have had some hands-on with the hardware used. Stay on schedule will be difficult due to school work, but I will make sure to manage my time accordingly. I hope you are content with the project progress, and I look forward to continuing my work.

Sincerely,

Richard Burak