**Weekly Summary Memo for: Team 05 Smart Home**

To: Prof. Yoder

Date: 28/10/2015

**Specific accomplishments for the week**

* Get table of comfortable fan speeds for different temperature
* Installed Derek Molloy's OpenCV library.
* Some more ideas for the project.
* Code and wiring for temperature sensor

**Missed Objectives**

* Molloy's code for taking photos was adapted to his Logitech C9210 camera. We still have to edit it to our available webcam.

**Specific Goals for Next Week (Assigned to individuals with due dates)**

* Taking and processing photos
* Gain CS knowledge on how to send photo using html5 to a webpage
* Finalize circuit and code for proximity sensor, solenoid.

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| Member actions from past week: | Hours |
| Name**: Siddharth Gangal**  Finalized circuit for DC fans for demonstration purposes.  Helping Ankur with editing Molloy's code. | 3 |
| Name**: Mohit Sharma**  Thought of some more ideas to incorporate into our project.  We will discuss these later and consider adding them. | 3 |
| Name**: Ankur Sardar**  OpenCV installed and configured. In process of editing Molloy's code for our available webcam.  We should have it working by tuesday. | 3 |
| Name**: Pushpendra Meena**  More Theoretical research on this topic with Mohit. Helping to source various materials for the project. Working on solenoid wiring and code. | 3 |

**Feedback:**

Our project is going accordingly as we planned. A few technical hitches, but we have done some extra work to make up for it.

It’s fun working on the project using Beaglebone