

WEEKLY REPORT

| | |
|---|----------------------|
| Group May 1414 | Date 10/28/13 |
| Client/Advisor Lee | |
| Attendees/Role: Craig Gustafson – documents specialist (a) Azmir Vatres – leader (b) Joshua Hendricks – communications (c) Matthew Weidman - webmaster (d) | |

| Past week accomplishments | | | |
|---|--|--------------------|--------------------|
| What | Who | When | |
| Designed Prototype LED circuit | A, B | S | |
| Finalized Mechanical Prototype | A, B, C | T | |
| Solved Wifi firewall issue | D | R | |
| Met with Lee | All | R | |
| Plan for coming week | | | |
| What | Who | When | |
| Order final prototype parts | All | R | |
| Model and simulate mechanical design | D | R | |
| Begin PCB tutorials | C | T | |
| | | | |
| Pending issues | | | |
| Description | Action | Target date | |
| | | | |
| | | | |
| | | | |
| Individual contribution | | | |
| Name | Responsibility | Planed date | Actual date |
| Craig Gustafson | LED circuit design | 10/26/13 | 10/26/13 |
| Azmir Vatres | LED circuit design | 10/26/13 | 10/26/13 |
| Joshua Hendricks | Begin using PCB design software | 10/24/13 | 10/24/13 |
| Matthew Weidman | Fixed wifi issue | 10/26/13 | 10/26/13 |

| Individual hourly contribution | | |
|---------------------------------------|------------------------|-----------|
| Name | Number of Hours | % |
| Craig Gustafson | 5 | 25 |
| Azmir Vatres | 5 | 25 |
| Joshua Hendricks | 5 | 25 |
| Matthew Weidman | 5 | 25 |

Write more detail report

This week we continued testing the LED drive circuit that we will use for our prototype. We also designed the communication protocol the raspberry pi will use to communicate with our Arduino. Josh started running through some PCB tutorials as he will be responsible for creating the PCB design we will use in our final design. Matt succeeded in troubleshooting the WIFI firewall issue we were having with the raspberry pi. The raspberry pi is now online, and we can access it remotely at any time. In the next couple of weeks, we want to get a shell website running so we can start testing our communication protocol and interconnects between the different parts of our project.