## **WEEKLY REPORT**

| Group May 1414   | Date 11/4/13 |  |  |
|--|--------------|--|--|
| Client/Advisor Lee   |              |  |  |
| Attendees/Role: Craig Gustafson – documents specialist (a) Azmir |              |  |  |
| Vatres – leader (b) Joshua Hendricks – communications (c)        |              |  |  |
| Matthew Weidman - webmaster (d)                                  |              |  |  |

| Past week accomplish                | ments                    |             |          |  |  |
|-------------------------------------|--------------------------|-------------|----------|--|--|
| What                                |                          | Who         | When     |  |  |
| Finished component level testing    |                          | All         | R        |  |  |
| Modelled mechanical design          |                          | A, B,       | M        |  |  |
| Developed PCB layout base knowledge |                          | C           | F        |  |  |
| J                                   | 8                        |             |          |  |  |
| Continued Website development       |                          | D           | F        |  |  |
| Plan for coming week                |                          |             |          |  |  |
| What                                |                          | Who         | When     |  |  |
| <b>Complete Design Document</b>     |                          | All         | M-F      |  |  |
| Integrate component prototypes      |                          | All         | R        |  |  |
| Continue PCB tutorials              |                          | C           | T        |  |  |
| Meet with LEE                       |                          | All         | R        |  |  |
| Pending issues                      |                          |             |          |  |  |
| Description                         | Action                   | Target date |          |  |  |
|                                     |                          |             |          |  |  |
|                                     |                          |             |          |  |  |
|                                     |                          |             |          |  |  |
| Individual contribution             |                          |             |          |  |  |
| Name                                | Responsibility           | Planed      | Actual   |  |  |
|                                     |                          | date        | date     |  |  |
| Craig Gustafson                     | <b>Component testing</b> | 10/31/13    | 10/31/13 |  |  |
| Azmir Vatres                        | Component testing        | 10/31/13    | 10/31/13 |  |  |
| Joshua Hendricks                    | Began laying out         | 11/1/13     | 11/1/13  |  |  |
|                                     | PCB                      |             |          |  |  |
| Matthew Weidman                     | Website development      | 11/1/13     | 11/1/13  |  |  |

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

## Write more detail report

This week we finished testing our individual components. We are ready to integrate them and see how our communication will work. We also have the material for building the enclosure, so we can begin to assemble it before Thanksgiving break. Our plan is to be able to demonstrate an integrated proof of concept test before Thanksgiving break. Then we can build a complete butterfly before Christmas break for our presentation. This week, we will finish modelling the mechanical part of the design, and we will test our communication system.