# WEEKLY REPORT | May14-06

| Group name : May14-06       | 3D Printer (Hardware) | Date: 11/11/2013 |
|-----------------------------|-----------------------|------------------|
| Client/Advisor: Tom Daniels |                       |                  |

#### **ACCOMPLISHMENTS FOR PAST WEEK**

| WHAT                                  | WHO          | WHEN    |
|---------------------------------------|--------------|---------|
| Tested x-y-z stepper motors           | Andrew, Ross | 11/8/13 |
| Reviewed stepper driver documentation | Ross         | 11/6/13 |
| Website                               | Jake         | 11/4/13 |
|                                       |              |         |
|                                       |              |         |
|                                       |              |         |

### **PLAN FOR COMING WEEK/INDIVIDUAL TASKS**

| WHAT  | WHO | WHEN |
|---|-----|------|
| More permanent solution for safety circuits | All |      |
|   |     |      |
|   |     |      |
|   |     |      |

# **PENDING ISSUE**

| ISSUE   | RESPONSIBILITY |
|---|----------------|
| Due to gravity, the resting position of the machine will trigger the existing safety circuit and prevent the machine from starting back up. | All            |
|   |                |
|   |                |

# **INDIVIDUAL HOURLY CONTRIBUTION**

| <u>NAME</u>      | <u>HOURS</u> | <u>JUSTIFICATION</u>   |
|------------------|--------------|--|
| Jake Meyer       | 5.5          | Meeting (.5 hr), Website (3hr), Design Doc (2hr)   |
| Ross Friedman    | 4            | Meeting (.5 hr), Reviewed Stepper driver documentation(1 hr), Researched solutions to Z-axis "falling" (1 hr), Design Doc (1.5 hr) |
| Kyle Lichtenberg | 3.5          | Extruder CAD (2hr), Design Document(1.5hr)   |
| Andrew Speer     | 4            | Meeting (.5 hr), Heatbed CAD(1.5hr), Design Document (1hr), Stepper Motor Testing (1hr)  |
| Cheng Song       | 4            | Meeting(.5hr), Design Doc(1.5hr), Research the feedback signal for the power supply(2hr)   |