# **WEEKLY REPORT**

| Group name : MAY14-08  | Date: 10/21/13 |
|--|----------------|
| Client/Advisor: Koray Celik  |                |
| Attendees/Role   |                |
| Nicolas Cabeen – Team Leader – Software Todd Wegter – Communication – Mechanical |                |
| Eric VanDenover – Electrical Xiang 'Peter' Wang – Software                       |                |

### ACCOMPLISHMENTS FOR PAST WEEK

| WHAT   | WHO              | WHEN  |
|--|------------------|-------|
| Group Meeting  | Todd, Nicolas, & | 10/18 |
|  | Peter            |       |
| Discussed and Began Design Document                      | ALL              | 10/16 |
| Began Research and Design for Servo Controller           | Todd             | 10/20 |
| Further servo research and correspondence with suppliers | Eric             | -     |
| ROS setup and tutorials                                  | Nicolas & Peter  | -     |

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

| WHAT   | WHO             | WHEN  |
|--|-----------------|-------|
| Look into how to integrate a visual data representation with ROS | Nicolas & Peter | 10/18 |
| Begin Designing Servo Controller and Mechanical Apparatus        | Todd            | 10/18 |
| Boyd Lab access  | ALL             | 10/20 |

## **PENDING ISSUE**

| ISSUE   | RESPONSIBILITY |
|---|----------------|
| Locating a sufficiently powerful servo in our budget (~\$100) | Eric           |

## **INDIVIDUAL HOURLY CONTRIBUTION**

| <u>NAME</u> | <u>HOURS</u>                         |
|-------------|--------------------------------------|
| Todd        | 0.5 – Weekly Report                  |
|             | 0.25 – Design Document               |
|             | 1 – Autodesk setup                   |
|             | 0.5 – Servo controller research      |
|             | 2 – Meeting                          |
| Nicolas     | 3 – ROS/Ubuntu Setup                 |
|             | 0-5 – Meeting Planning               |
|             | 1.5 – Lab Setup                      |
|             | 2 – Meeting                          |
| Eric        | 2 – Experimenting with Servo         |
|             | 1 – Searching For/Ordering New Servo |
|             | 1.5 – Communications                 |
|             | 1.5 – Design Document                |
|             | 1 – Meeting                          |
| Peter       | 2 – Computer Setup                   |
|             | 3 – ROS tutorials                    |
|             | 2 – Meeting                          |

