

Senior Design Group May15-03 Weekly Report

Week 7 10/27/14-11/02/14

Advisor: Leland Harker

Client: Hitachi Global Storage Technologies

| Name | Major | E-mail(@iastate.edu) | Role |
|------------------|-------|----------------------|--------------------------------|
| Jacob (JD) Mayer | EE | jdmayer | Team Leader |
| Matt Eckes | EE | mweckes | Communicator |
| Jacob Schulz | EE | jschulz | Key Concept Holder |
| Trevor Boone | SE | tdboone | Web master/ Key Concept Holder |
| Shawn LaGrotta | Cpr E | lagrotta | Webmaster |

Past week accomplishments

| Task description | Person | Completion date |
|---|--------|-----------------|
| Weekly Report Meeting | ALL | 10/27 |
| Client Meeting | ALL | 10/29 |
| Advisor Meeting | ALL | 10/31 |
| Met with Harker | JD | 10/29 |
| Server <ul style="list-style-type: none">Long pulling for the back-end server | Trevor | 10/29 |

Plan for next week

| Task description | Person | Goal date |
|---|--------|-----------|
| 3D printer purchase <ul style="list-style-type: none">Select printer and showcase to client and advisor | ALL | 11/7 |
| Plan how to parse Gerber/Drill files <ul style="list-style-type: none">Review formatting of files in order to select the coordinates of the test pins | ALL | 11/7 |
| Research HDD jig fabrication | ALL | 11/7 |
| Bill of Materials | ALL | 11/7 |
| Software <ul style="list-style-type: none">Download and configure RepRap software | ALL | 11/7 |
| Provide Software list to HGST | ALL | 11/5 |

Future issues

| Task description | Person | Goal date |
|------------------|--------|-----------|
| | | |

Individual hourly contributions

| Name | Weekly | Cumulative |
|------------------|--------|------------|
| Jacob (JD) Mayer | 5 | 57 |
| Matt Eckes | 3 | 39 |
| Jacob Schulz | 3 | 30 |
| Trevor Boone | 6 | 41 |
| Shawn LaGrotta | 4 | 65 |

Summary

This week we had our scheduled meetings. During the client meeting, Brian and Zach requested we provide the open source software that we plan to use. The legal team at HGST has raised concerns that they need to review the license agreement, in order to ensure the company can use the software.

The plan for this week is to get the Bill of Materials (BOM) completed so that we can order the 3D printer. We plan to start assembly as the materials become available.