

# Senior Design Group May15-03 Weekly Report

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## Week 7 10/20/14-10/26/14

Advisor: Leland Harker	Client: Hitachi Global Storage Technologies
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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	10/20
Client Meeting	ALL	10/22
Advisor Meeting	ALL	10/24
Design Document <ul style="list-style-type: none"><li>Each member wrote their assigned portion of the design document</li><li>The document was revised and formatted</li></ul>	ALL	10/20-10/26

## Plan for next week

Task description	Person	Goal date
3D printer purchase <ul style="list-style-type: none"><li>Select printer and showcase to client and advisor</li></ul>	ALL	10/29, 10/31
Plan how to parse Gerber/Drill files <ul style="list-style-type: none"><li>Review formatting of files in order to select the coordinates of the test pins</li></ul>	ALL	10/31
Order HDD jig parts <ul style="list-style-type: none"><li>Pins to hold HDD</li></ul>	ALL	10/31
Design Calibration protocol	ALL	10/31
Bill of Materials	ALL	10/27
Software <ul style="list-style-type: none"><li>Download and configure RepRap software</li></ul>	ALL	10/31

## Future issues

Task description	Person	Goal date

## Individual hourly contributions

Name	Weekly	Cumulative
Jacob (JD) Mayer	8	47
Matt Eckes	8	32
Jacob Schulz	4	24
Trevor Boone	5	32
Shawn LaGrotta	9	56

## Summary

This past week we completed the design document. Each member was responsible for a certain section, then they were brought together into one document. As the week went on we edited each other's writing and language to make sure the document flows with one voice. The document covers all the components we have chosen to use as well as a reason why they were selected.

The plan for this week is to show the design document to our clients and advisor. We hope that they will be pleased with the progress and will give the go ahead to purchase the components. A bill of materials will also be put together to organize the components needed.