

Senior Design Group May15-03 Weekly Report

Week 7 11/3/14-11/9/14

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	11/3
Client Meeting <ul style="list-style-type: none">Provided client with software list and type of licensing	ALL	11/5
Advisor Meeting <ul style="list-style-type: none">Sent email to Mr. Harker to order parts	ALL	11/7
Project Plan Update	Matt	11/3
Bill of Materials	Jacob	11/6
Put together list of software planning to use	Shawn	11/4
Modeling <ul style="list-style-type: none">Latch modeling, Power supply, LCD screen	JD	11/3-11/7
Calibration Manual	JD	11/5-11/7
Long Polling research	Trevor	11/6

Plan for next week

Task description	Person	Goal date
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	11/14
Research HDD jig fabrication	ALL	11/14
Software <ul style="list-style-type: none">Download and configure RepRap software	ALL	11/14

Future issues

Task description	Person	Goal date

Individual hourly contributions

Name	Weekly	Cumulative
Jacob (JD) Mayer	6	63
Matt Eckes	6	45
Jacob Schulz	4	34
Trevor Boone	4	45
Shawn LaGrotta	4	69

Summary

This past week we delegated assignments to each member to complete. The Bill of Materials was reviewed on Friday during our advisor meeting. We discussed the parts list, then sent an email to Mr. Harker to place the parts order. During our client meeting we talked about what software we plan to use, along with the type of licensing they use. This information was passed along to HGST legal team for review.

This week we plan to research file parsing, finish up the 2nd version of the project plan, and look at RepRap software. We hope to be receiving parts shortly.