

Senior Design Group May15-03 Weekly Report

Week 7 11/10/14-11/16/14

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	11/10
Client Meeting <ul style="list-style-type: none">Reviewed Project planDiscussed Website development	ALL	11/12
Advisor Meeting <ul style="list-style-type: none">Sent email to Mr. Harker to order parts	ALL	11/14
Website/Project Plan review	Matt/JD	11/11
Edited Website	Shawn	11/14
Researched file parsing using python language	Matt	11/15
Long polling frame	Trevor	11/13
Calibration Instruction manual	JD	11/13

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	Matt/Jacob	11/21
User Interface revision	Trevor	11/21
Download RepRap software	Shawn	11/21
Start Presentation	ALL	11/21
Edit Design document	ALL	11/21

Future issues

Task description	Person	Goal date

Individual hourly contributions

Name	Weekly	Cumulative
Jacob (JD) Mayer	7	70
Matt Eckes	6	51
Jacob Schulz	3	37
Trevor Boone	6	51
Shawn LaGrotta	15	84

Summary

This past week we worked on finishing our Project plan and website review. JD and Matt looked at the website and made critiques in order for the webmaster, Shawn, to edit. Trevor worked on the long polling for the server.

The plan for this week is to write code in python to parse the drill files coordinates and place them into an array. We also would like to start familiarizing ourselves with the RepRap software by downloading and reviewing it. Additionally, we are going to start putting together our end of semester presentation.