

# Senior Design Group May15-03 Weekly Report

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Week 1 9/8/14

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
Met with client <ul style="list-style-type: none"><li>• Introduction</li><li>• Gathered device specs</li><li>• Talked about Intellectual agreement form</li></ul>	ALL	9/10
Met with advisor <ul style="list-style-type: none"><li>• Broke down project in Software, Electrical, and Mechanical considerations</li><li>• 3D printer look-like<ul style="list-style-type: none"><li>○ Talked about BUY/BUILD prototype</li></ul></li><li>• Build option<ul style="list-style-type: none"><li>○ Outlined components needed for device<ul style="list-style-type: none"><li>▪ Servo, Arduino, arm</li></ul></li></ul></li></ul>	ALL	9/12
Signed up for meeting room for the semester	JD	9/10
Looked at possible GUI design	Trevor	9/13
Website development, Gerber file language	Shawn	9/13

## Plan for next week

Task description	Person	Goal date
Conference call with client	ALL	9/17
Meet with advisor	ALL	9/19
Develop a system design for project (block diagram)	ALL	9/15,9/19

<ul style="list-style-type: none"> <li>• Communication with device</li> <li>• Device control</li> <li>• Building device</li> </ul>		
Delegate research area to members	ALL	9/19

### Future issues

Task description	Person	Goal date
None	ALL	-/-

### Individual hourly contributions

Name	Weekly	Cumulative
Jacob (JD) Mayer	4	7
Matt Eckes	3	5
Jacob Schulz	3	5
Trevor Boone	4	6
Shawn LaGrotta	4	14