

IOWA STATE UNIVERSITY

Senior Design Weekly Report

Weekly Report 20

Group: May-06

Group member: Chongli Cai, Qiaoya Cui, David Hoffman, Andrew Kom, Ailing Mei

Client: Garmin International

Advisor: Dr. Colin Christy

Period: 3/4/2013-3/10/2013

Date: 3/10/2013

Goals to Meet

Our goals this week included making some final decisions on parts, which involves making a “bill of materials,” and beginning our PCB design. Additionally, we wanted to get the UI final design working.

Weekly Progress

We designed our “bill of materials” and got the UI working appropriately.

Future Planning

The PCB design is now on our main to-do list. We are also still working on getting the data saved to the SD card in a particular format. This coming week, we will get the PCB schematic up-to-date and with all the components we will use.

Pending Issues

No clear issues currently.

Individual Contributions

Andrew:

Weekly Report 20	1 hour
Bill of materials	3 hours

Chongli:

PCB Preliminary design	2 hours
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Ailing:

Qiaoya:

David:

UI code finalization	3 hours
Debug minor display issues of ADC value	1 hour