

Weekly Report

Team Physion

Week 2 (01-25-2010)

Things we did

1. Making Game Proposal

Based on our research, we will make at least 2 game proposals.

2. Building Logo and Website

We will design a logo and website to put on ETC homepage.

Website address:



3. Item Research

As soon as other items arrive, we will find what data they can detect. Then we will analyze programming code and find out how to extract data. In addition, we will discuss its usability.

4. Company Contact

1) Minisun - IDEEA

+1 (559) 439-4600

- Motion sensor system
- Question to ask
 - Possible to get data in real time
 - Price and how to buy



2) Wild divine

tori@wilddivine.com

866.594.WILD (9453) option "1"

- Received data reporting program 'Data Parsers' and team programmers start to analyze



3) Body Media

Rachel Jackson
Clinical Research Coordinator
412-543-1311 (office)
<http://www.bodymedia.com>



According Body Media,

- There is no provided SDK or way to get raw data with device that we have(GoWear).
- They suggested us buy another product of theirs, SenseWear(BMS). BMS originally costs \$3500 including professional software. There might be a little room for price negotiation.
- However, both of them can't receive data in real time. It works as storing and uploading.

4) Thought Technology

1-800-361-3651 or (514) 489-8251

- It costs \$2300 if we want to use GSR and skin temperature sensor
- To use, an encoder and a sensors is required. 2-channel encoder can use 2 sensors.
 - 2-channel encoder: \$ 1700
 - 5-channel encoder: \$ 3000
 - 10-channel encoder: \$ 6000
- Various sensors are available: EEG, EMG, EKG, Respiration, Temperature, etc.
- Professional equipment
- Can get data in real time and export
- Provide API
- 10% student discount
- If we can't use Wild Divine either, we will consider this product for it has many sensors.



<http://www.thoughttechnology.com/hardware.htm>

<http://www.thoughttechnology.com/sensors.htm>

5) GSR/Temp2

Tel: (800) 435-5354 (USA/Canada) or (416) 209-2495

- Software costs \$75 and hardware costs \$160
- Also made by Thought Technology, and much simplified one

Contacted to Mr. Gordon of MindGrowth the US distributor that availability of get raw data
We sent questions to Gordon and he would contact the developer of software



<http://www.mindgrowth.com/store/index.php?cPath=23>

http://www.mindgrowth.com/store/product_info.php?cPath=1&products_id=34

Things we will do

1. Making Game Proposal

Based on the feedback, we will develop the ideas.

2. Item Research

As soon as other items arrive, we will find what data they can detect. Then we will analyze programming code and find out how to extract data. In addition, we will discuss its usability.

3. Prepare presentation

As quarter presentation is coming, we would prepare.