

# PYB Innovation Challenge Log Book

The Portland Youth Builders blog is a writing environment for the PSU Innovation Challenge Project. Please take some time to post project ideas and thoughts to this blog.



Friday, April 18, 2014

## Update

We are in the final process of finishing up the poster.

Next, we're currently moving onto the video and drawing up a logo for our presentation.

currently still brainstorming ideas as to how our product will work and how we'll present it.

More updates as they come; Stay tuned!

Posted by [JonPace](#) at 1:09 PM

[No comments:](#)



## Process

We are currently in the process of designing our poster and logo for the innovation challenge project.

We should have it completed and ready to turn in before the end of the day.



Thursday, April 10, 2014

Good Morningish Everyone here are the ideas for the tracker.

- Necklace/Bracelet Interchangeability
- NFC/Bluetooth Protocol
- WI-FI
- benefits of single device for commercial and personal vs two separate devices for commercial or personal

if you have anymore ideas or any help you can contribute please comment we need to use this thing



Friday, March 7, 2014

## The Conversational Sound Hub

(name subject to change)

-6 mic's to clip onto peoples shirts/blouses

-6 speakers which boost sound according to your location (1-6)

-Circular hub that charges the mics as well as houses the speakers, headphone jacks, and is labeled by the mic number (1-6)

The Conversational Sound Hub (TCSH) is meant to make having a conversation with people at the table easier for older people who cannot hear well, or where there is a lot of outside audial interference. TCSH is a circular device with 6 speakers numbered 1-6 that correspond with 6 mics, 1-6, which boosts sound from mic 1 higher to speakers 2 and 6, higher still to 3 and 5, and highest to 4, similar patterns exist for each of the mics/speakers to create a smooth sound, and to keep feedback to a minimum.

There are to be headphone jacks on each side of the hub, so that if wished the users could listen via headphone, instead of via speaker, if they were in an especially noisy situation, or just for ease of use. the headphones would have a flat boost instead of the varying like the speaker, but would still drop the sound from the corresponding mic.



Hola,

I'm Santos, and im a blogger. Today we're talking about tacking and device on old people.

Tracking device for in-home and hospital use , the device lets you know where the person is when there not where there supposed to be . When the person isn't in there designated area and are too far the device sends a signal to the caregiver letting them know where the person is know out and where there headed.

Built in Heart rate monitor, Heart attack , if there heart rate is too fast or too slow. Let the caregiver know there heart rate.

- Anxiety attack
- water / weather

Posted by [Santos.perez](#) at 1:25 PM

No comments:



3/7

The group met today and narrowed the ideas for the innovation challenge down to solutions for issues that aging generations have.

4 innovations are left and they are Power Chair handling, Conversation Sound Hub, Facial Recognition to help with memory issues and poor eyesite, and a Tracking device to stop people with dementia/alzheimer's from getting lost, and to monitor their vitals.

Posted by [john.worcester.pyb](#) at 12:31 PM

No comments:



Wednesday, March 5, 2014

I am present.

-Amanda sakaith

Posted by [Amanda Sakaith](#) at 9:02 AM

No comments:



I'm Gabriel Guodace. This is my post.

Posted by [GabrielGuodace](#) at 8:56 AM

No comments:



My name is John Kellebrew and i am present

Posted by [John.Kellebrew.Pyb](#) at 8:26 AM

No comments:



My name is John Worcester, and I am present.

Posted by [john.worcester.pyb](#) at 8:12 AM

No comments:



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