IoT Team 5 : Make You Concentrated

Assignment 3-a

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01 – Saent   吳怡穎

Saent is a device that helps people block out distractions. First, users can set a goal with the Saent software.   By pressing the Saent button,   a focused work session could be launched. The device will block out websites or apps unrelated to your work, and tells people not to disturb you by the lights.

Reference link:

https://www.youtube.com/watch?v=l3N-GKR2fxE

https://www.saent.com/
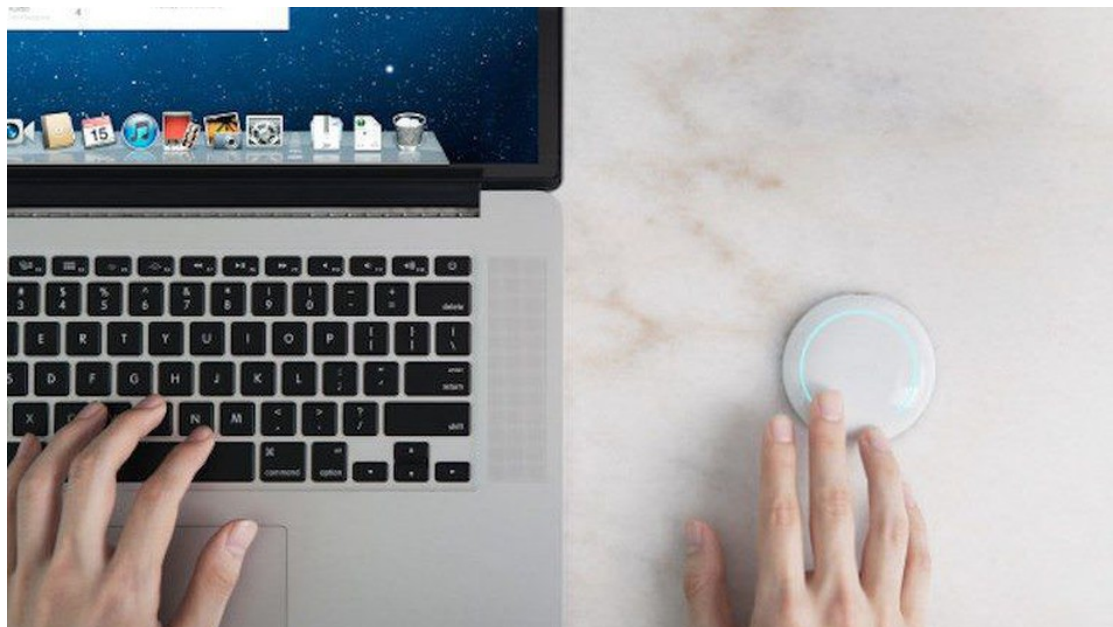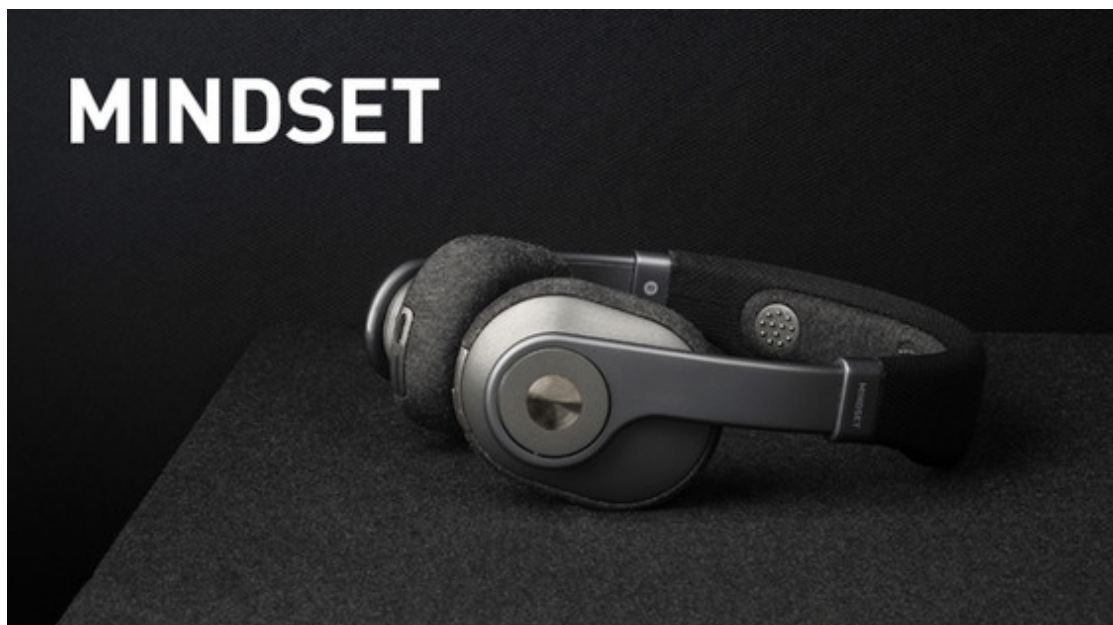
02 – Mindset Smart Headphone   唐子翔

Mindset's EEG headphones track a user's concentration throughout the day and notifies them when their focus drops.   The device is wireless and connects to a computer, or smart device via Bluetooth. This allows users to listen to music without having to be plugged in, but you also have the option to connect an AUX cable.

The headphones also have the ability to mute notifications from connected devices. They are also designed with active noise cancellation, which is the feature that helps users block out distracting noises – including distracting voices (might be an excellent way to block out your neighboring colleagues).

Additionally, EEG sensors are built-in to the headband and help read brain activity. The sensors recognize a user's mind state and sense when they are either focused or distracted. An audio cue is also activated when you need to get back into focus. This is for the user to increase their concentration. According to Mindset's Kickstarter campaign, over time the headphones do just that – the alerts train a user's mind and eventually increase a person's focus with, or without the headset. They also say the device is designed with the same technology used to treat ADHD and to train astronauts.

Reference link:
https://www.youtube.com/watch?v=ru9fYxD8iMU
https://www.kickstarter.com/projects/mindset/headphones

03 – Watch Out   Zhenchi Lai

Children and teenagers are often distracted by their smartphones.
In school that can be annoying, but in traffic it's life-threatening.
As the first mobile network provider to take on the problem of distracted walking,
they wanted to establish itself together with parents, teenagers and children as an
innovative and helpful telco.

First, parents could install the app to their kid's smartphone. As a result kids
who are distracted by their smartphone are warned at dangerous locations like traffic
lights which were previously marked: Their phones receive a signal from a beacon
transmitter nearby via Bluetooth. All smartphone activities are immediately blocked
and the attention is fully brought back to the traffic.

Reference link:
https://www.youtube.com/watch?time_continue=1&v=SDxxas7uSYY

04 - Thync   Yang Yi

The Thync stimulate your brain with mild electrical pulses to induce calmness or energy that substitute the coffee and aromatherapy ,etc. It's put right above user right eyebrow and stick on. User can control the levels of electrical pulses via app on smartphone. When user working on high stress or having a lot of worry about things, it can help user to improve ourselves in mind.

Reference link:

https://www.thync.com/team

https://www.bnext.com.tw/px/article/38156/BN-2015-12-07-155829-77

https://www.youtube.com/watch?v=1KwK5ZGdQAk

05 - The Great Pyramid Dock   Natalia Beneitez

It is essentially a charging dock for Apple devices that provides a comfortable angle and lets the music play effortlessly. What's interesting about this design is that it can be easily integrated with our idea of a "smart speaker", thus connecting with things we already own, we can make it compatible with other phones, and include lighting and the other features we talked about.

Reference link:
https://thegadgetflow.com/portfolio/great-pyramid-dock/
https://www.youtube.com/watch?v=EaAnDrSc0pQ

06 - Portable Bamboo MacBook Stand   Natalia Beneitez

The tittle is pretty much self explanatory. The interesting features we can see from this example is that it is something that can also be easily integrated with our smart speaker idea. Smart speaker + laptop stand? Posture is important for when working and studying. We could even come up with a way to make it multi-use: if you don't want to use it as a laptop stand how about as a book separator? Or a holder for notes? Possibilities are many with this one.

Reference link:
https://gadgetshopping.co/collections/mac-accessories/products/portable-bamboo-macbook-stand
https://www.youtube.com/watch?v=EyF1EmcqBuk

07 – Forest   顏睿楠

Forest is an app which helps you focus. The mechanism is simple: When you need to focus, you open the app and plant a virtual tree. If you do not use your phone in a certain period of time, then your tree will surive, otherwise it will die. I think the app is quite useful and interesting, but it can still be improved in many ways. For example, instead of completely blocking your phone, letting some important messages to go through can be better.

Reference link:
https://www.forestapp.cc/zh-tw/
https://www.youtube.com/watch?v=_uSfeUTHyLI