

types of Wellness

Environmental wellness Social wellness Workplace wellness Technology and Wellness Mental wellness Physicsal wellness

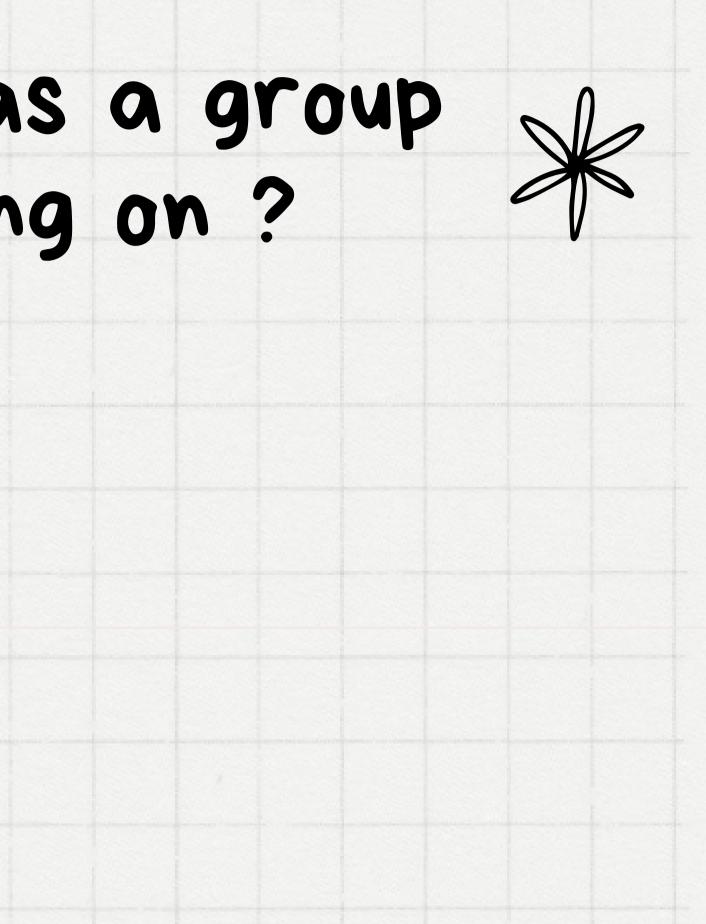


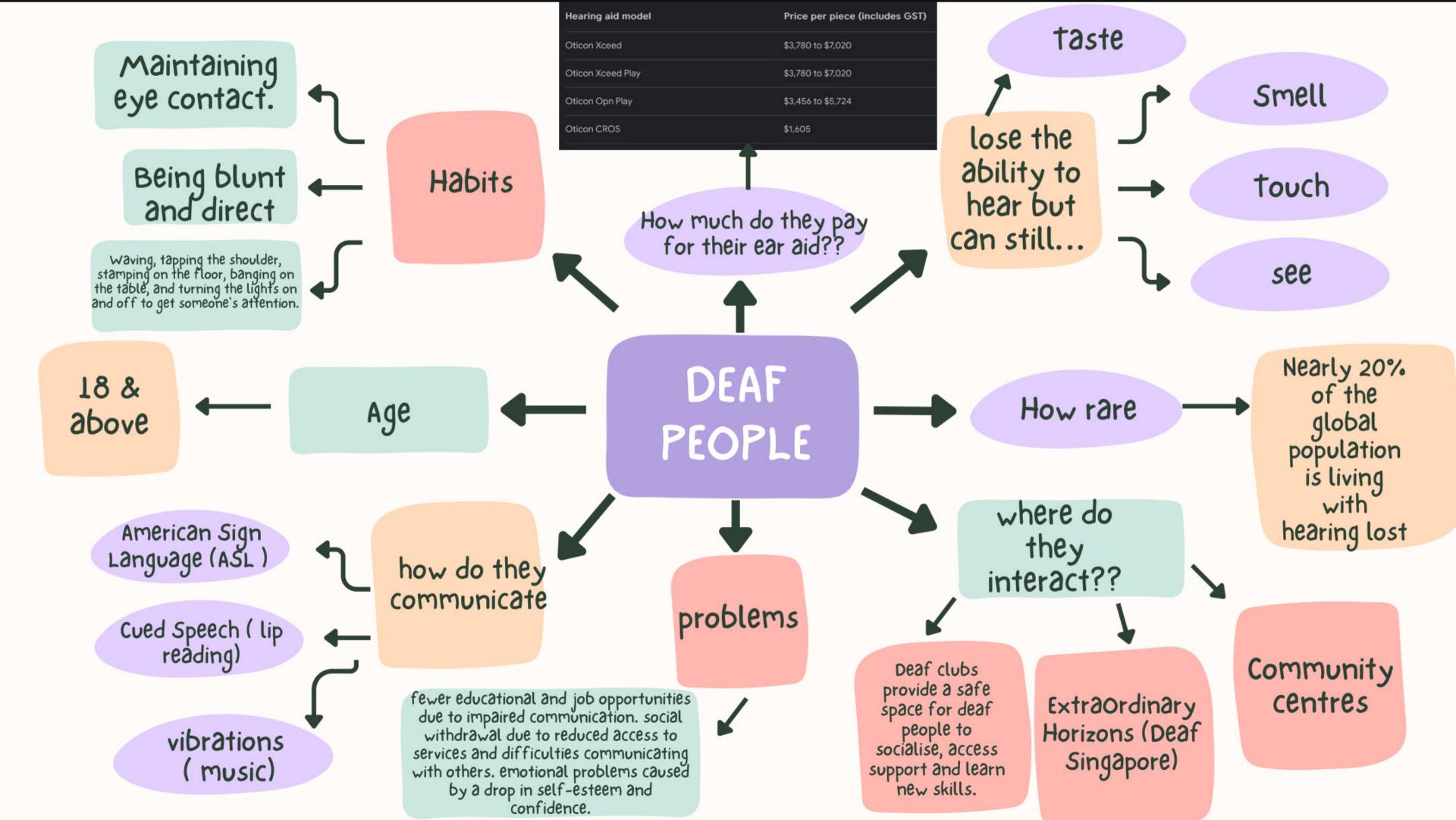
MMM which wellness as a group we are focusing on ?

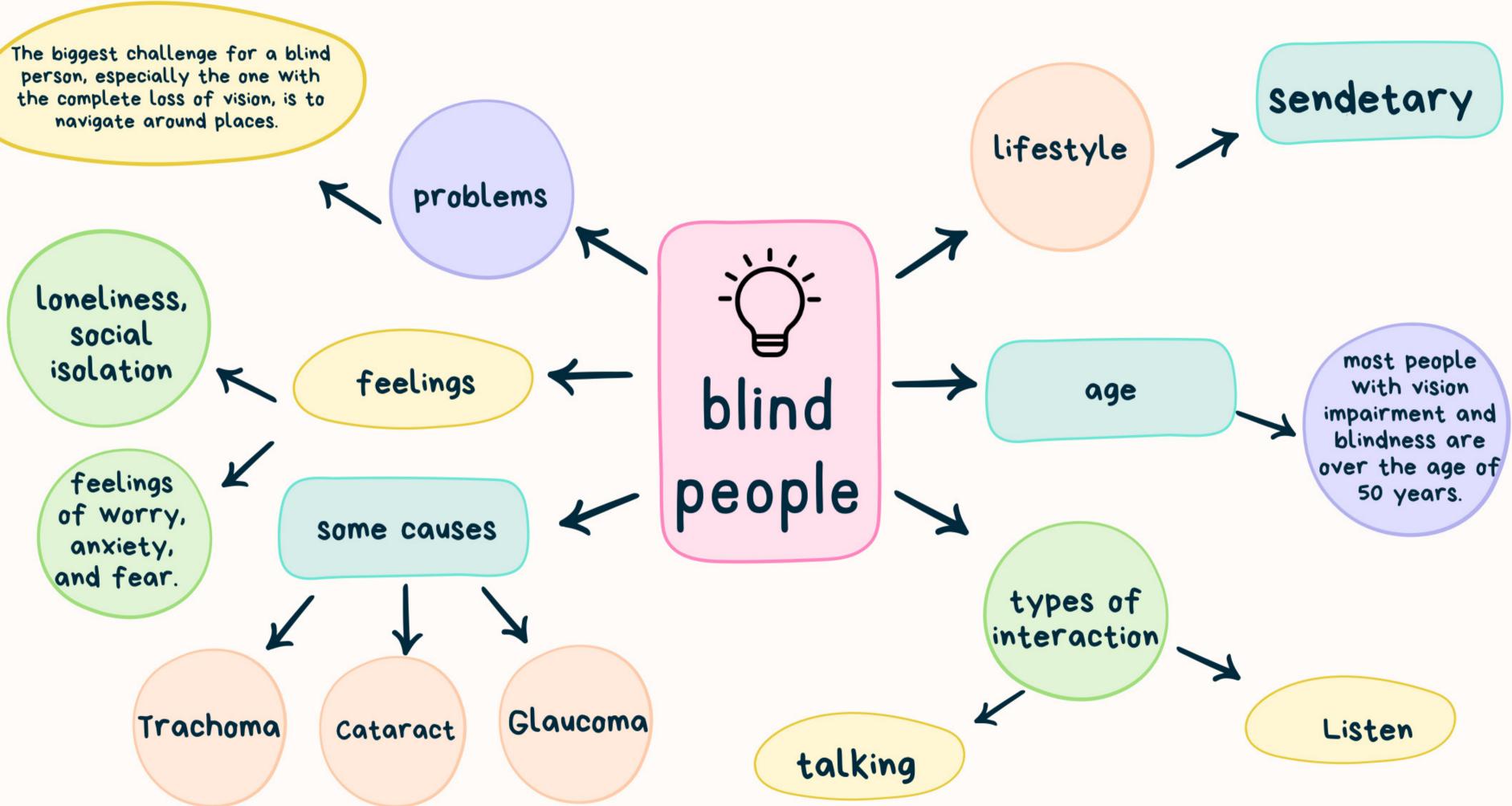
Environmental wellness

Social wellness Workplace wellness Technology and Wellness Mental wellness

Physical wellness







 $\left(\left(\right) \right)$ Physical (-Deaf Adults Venness Independent, Less help Physical Parents are less abled to take care of the m)g-fety Ly Might not no time hear oncoming to react Haffic - bicycres, PMDs kind of Situation . at Park connectous? powemend?

7× hearing - de Pend on other senses Sight -lights _motion .) touch -Vibrations



Vho is our persona?

Goals ORIENTATION AND MOBILITY; READING, SUCH AS THE USE OF BRAILLE (RAISED DOTS FOR READING); AND INDEPENDENT LIVING.	Personality Many of the train Persons might also Be "Immature." the Are "Impuis
Background DEAF CULTURE CAN VARY DEPENDING ON THE COMMUNITY'S COUNTRY OF ORIGIN OR INTERSECTION WITH OTHER CULTURES. HOWEVER, SOME ASPECTS TEND TO STAY THE SAME EVERYWHERE. THESE CAN BECOME GREAT EXAMPLES OF DEAF CULTURE, SUCH AS COLLECTIVISM, USE OF SIGN LANGUAGE AND A DIRECT AND BLUNT WAY TO	Frustrations NOT BEI CONVERSAT
COMMUNICATE. PARKOUR, TO FEELING MUSIC USING THE SOUND SHIRT, TO CALMER PASTIMES LIKE READING, GARDENING, OR SWIMMING.	Possible act sustainable ef VOLUNTEER AT S PROGRAMS

End user: Deaf and Blind people aging from 18>

ITS THAT HAVE BEEN USED TO CHARACTERIZE DEAF) be used to describe a person who is thought to hree traits that have been used consecutively

SIVITY," "EGOCENTRICITY," AND "RIGIDITY."

EING ABLE TO KEEP UP WITH THE Tion with others or hear safety Signals

ts of

efforts

SCHOOLS WITH DEAF AND HARD OF HEARING Is and related community events.

Problems faced by our persona

They are unable to participate in conversations due to stigma, making them feel lonely, unexpressed, and socially marginalized. This results in chronic stress and depression.

The most common challenge faced by the Deaf is the lack of access to information. Information is often conveyed through verbal or auditory methods via direct interaction with people Who do not use sign language or audio systems.

what is the new problem to be solved?

how might we... reduce the chances of bicycles hitting the handicapped at parks/help the handicapped realise if there's a bicyclist at park connectors

What are our Objectives?

People who are handicapped (blind, deaf) can enjoy the park without worry

03

02

01

deaf and blind people can be safe



Encourage them to be more social in the public without having to face issues



Hypothesis

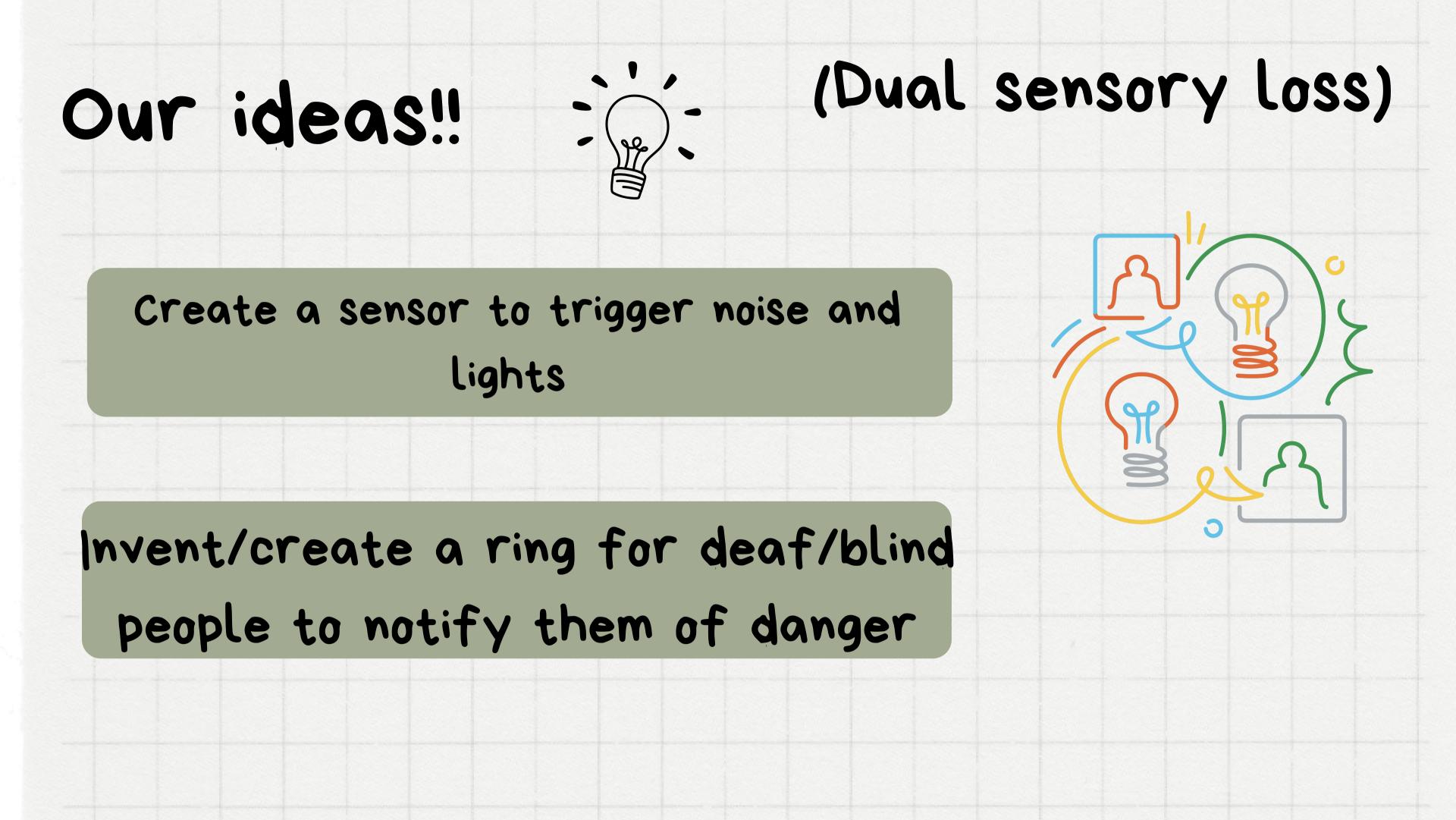
The Deaf and blind would feel safe when on the PCN



Methodology

01 Understand their problems

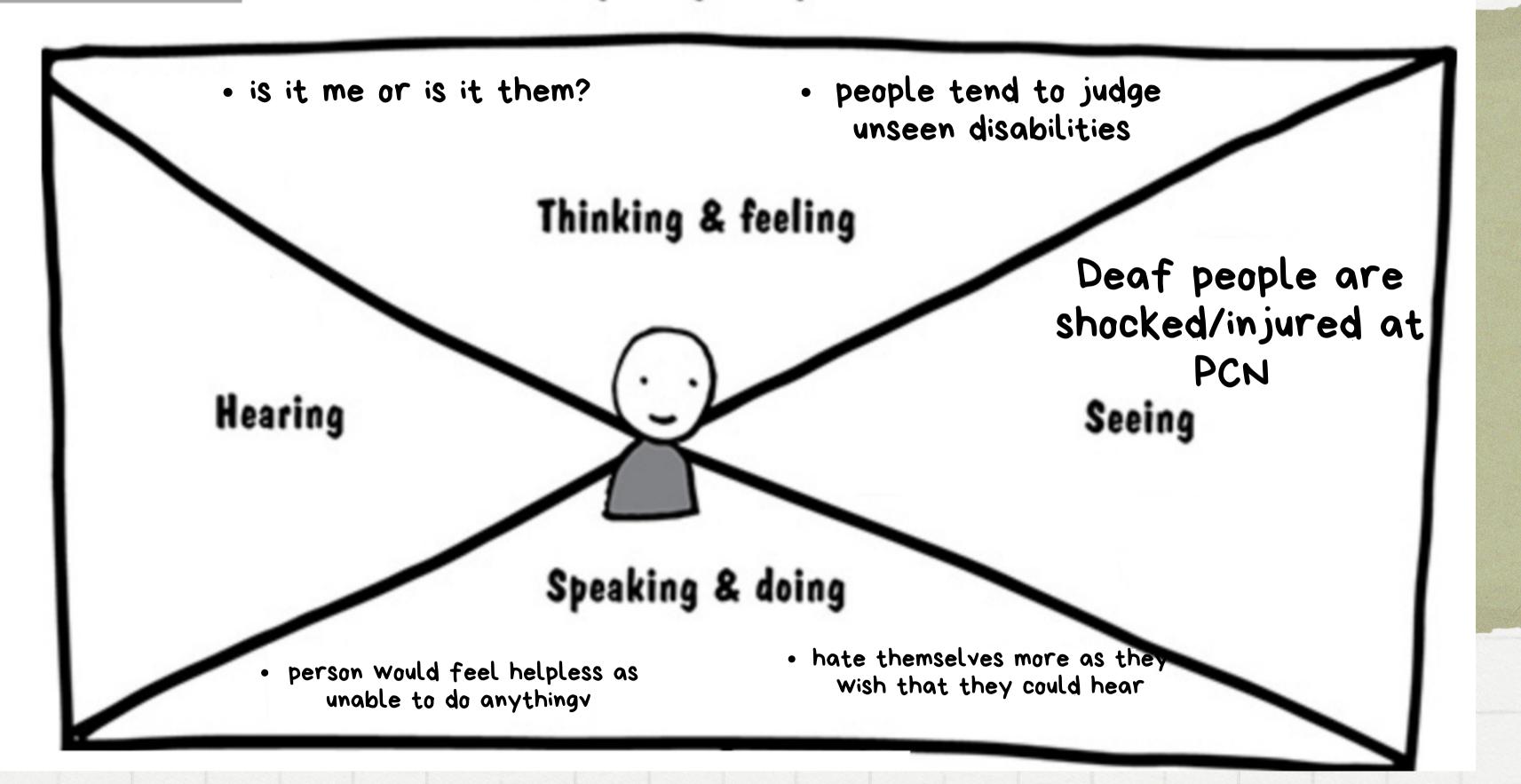
02 Invent something that can help them



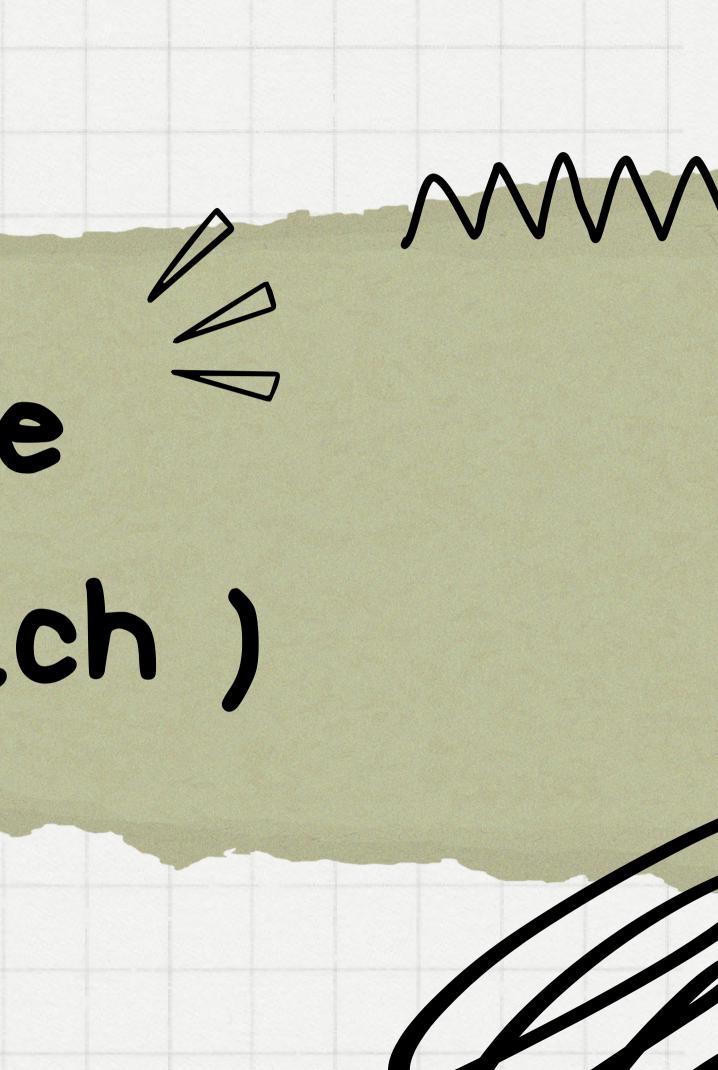


3) Empathy Map

Empathy map



Prototype idea&sketch)



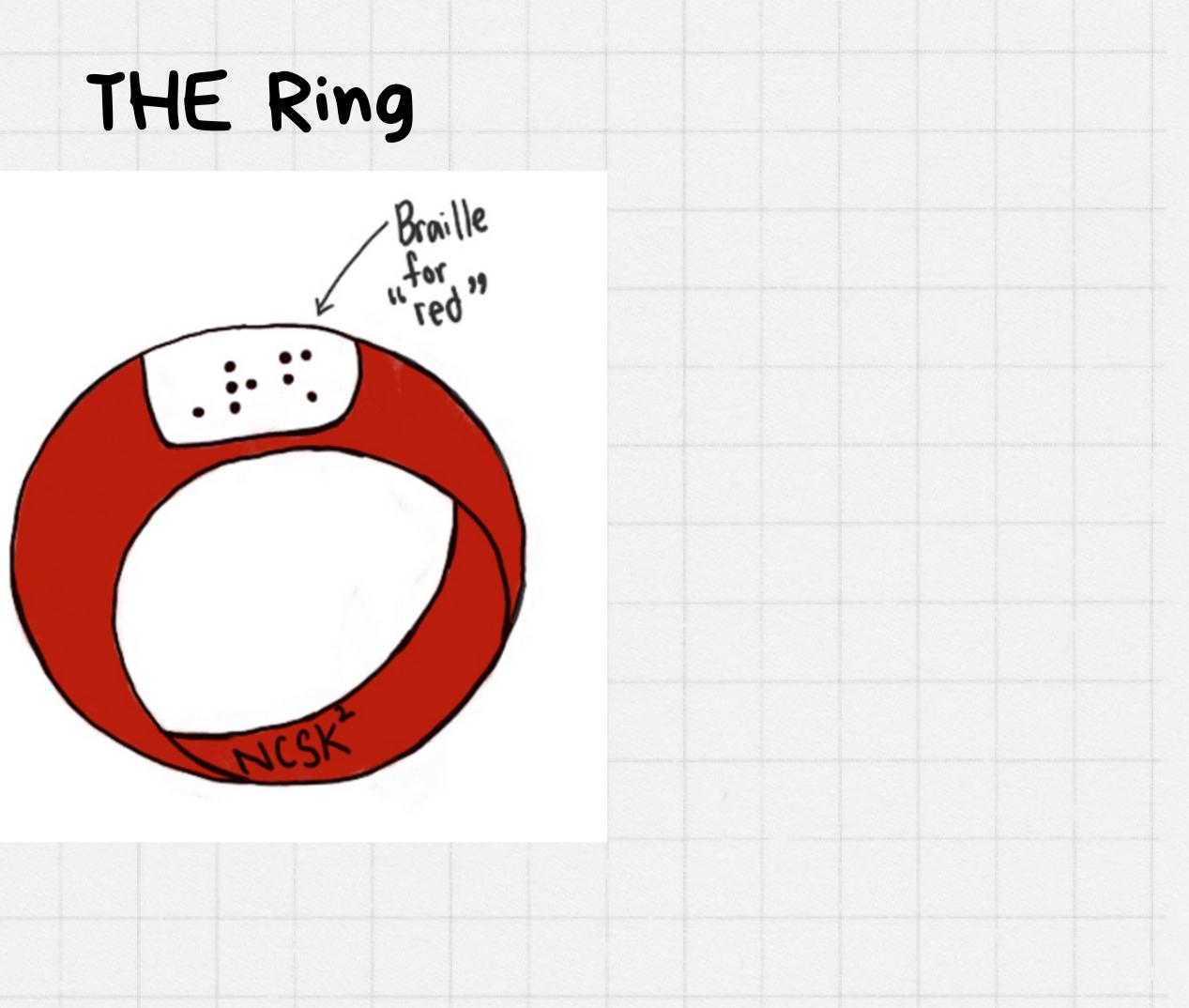
1St idea: Product that comes in 2 parts Red light [7am-6pm] [Light stand uses batteries] Brand name -> NCSK2 Blue light [6pm - 7am][Light stand uses the energy stored from the solar 2 lignts panel7 Vibrating ring Ulight Stand - comes in different COLOURS this means in Braille to collect energy gives out solar panel from sunlight these dots are Braille which tells the blind what colour ring they're a worning sound [like the lightning alert Will light up wearing soundy can also sense sound & then give out vibration As different ppl mony womt their rings in a court different from different colours stand has a capacitor [to store energy collected] from sunlight] that will the ring gives out vibration after receiving lighthe signal from the light lamp start blinking inside gota system when it that will send a senses single to the VIDVOITION ving (2) so that and blind people who cannot see BUNGS the light will still know coming a bicycle comings bicycle

THE COLOUR OF THE LAMP

Morning-Evening (7am-6pm) operate by electricle board through the cables

ArtyClick

Evening-Morning (6pm-7am). Operated by solart energy







list is nearing the light stand, the light stand will pick up the vibration and sound it, light up and start blinking. It will also make a lighting alert type of sound. a signal to the ring so that the blind people who are wearing it will be alerted that a bicycle is nearing as the ring will start to vibrate.

How it works:

 Marging

 Features:

 Come in different colours (as people may prefer to wear an different colour from others)

 In a big of the rings (so that the blind people of colour ring they're wearing)

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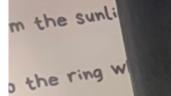
Braille "for " red"

. . .

-

How it works:

cyclist is nearing the light stand, the light stand will pick up the vibration and sound from it, light up and start blinking. It will also make a lighting alert type of sound. send a signal to the ring so that the blind people who are wearing it will be alerted that a bicycle is nearing as the ring will start to vibrate.



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will start to vibre







LIGHT STAND

Features: Solar panel (to absorb sunlight) Capacitor (to store the energy collected from the sunlight) Nibration and sound sensor Usbration and sound sensor aves out sound Calours for the light. Red (from 7 and to 6pm, light stand uses electrical call of all of the sol Near of the light. Near of the sol of the sol of the sol of the sol Near of the sol of the sol of the sol of the sol Near of the sol of the sol of the sol of the sol Near of the sol of the sol of the sol of the sol Near of the sol of the sol of the sol of the sol Near of the sol Near of the sol of the sol of the sol of the sol Near of the sol Near of the sol Near of the sol Near of the sol of the sol

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How it list is nearing the light stand, the light in it, light up and start blinking. It will d a signal to the ring so that the blind that a bicycle is nearing as the



Vibrating ring

Features:

come in different colours (as people may prefer to wear a ring that is in a different colour from others)

raille

for "

....

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Sound

ound.

erted

- colour ring they're wearing)
 - Vibration sensor
 - Gives out vibration
 - How it works:
- - that a bicycle is approaching.
- If they are not in the PCN and are somewhere else, the ring has it's own vibration sensor to sense large amount of vibration and start to vibrate to alert the user.

has Braille embedded on top of the rings (so that the blind people can identify which

When the ring receives the signal from the light stand, it will vibrate to alert the user



