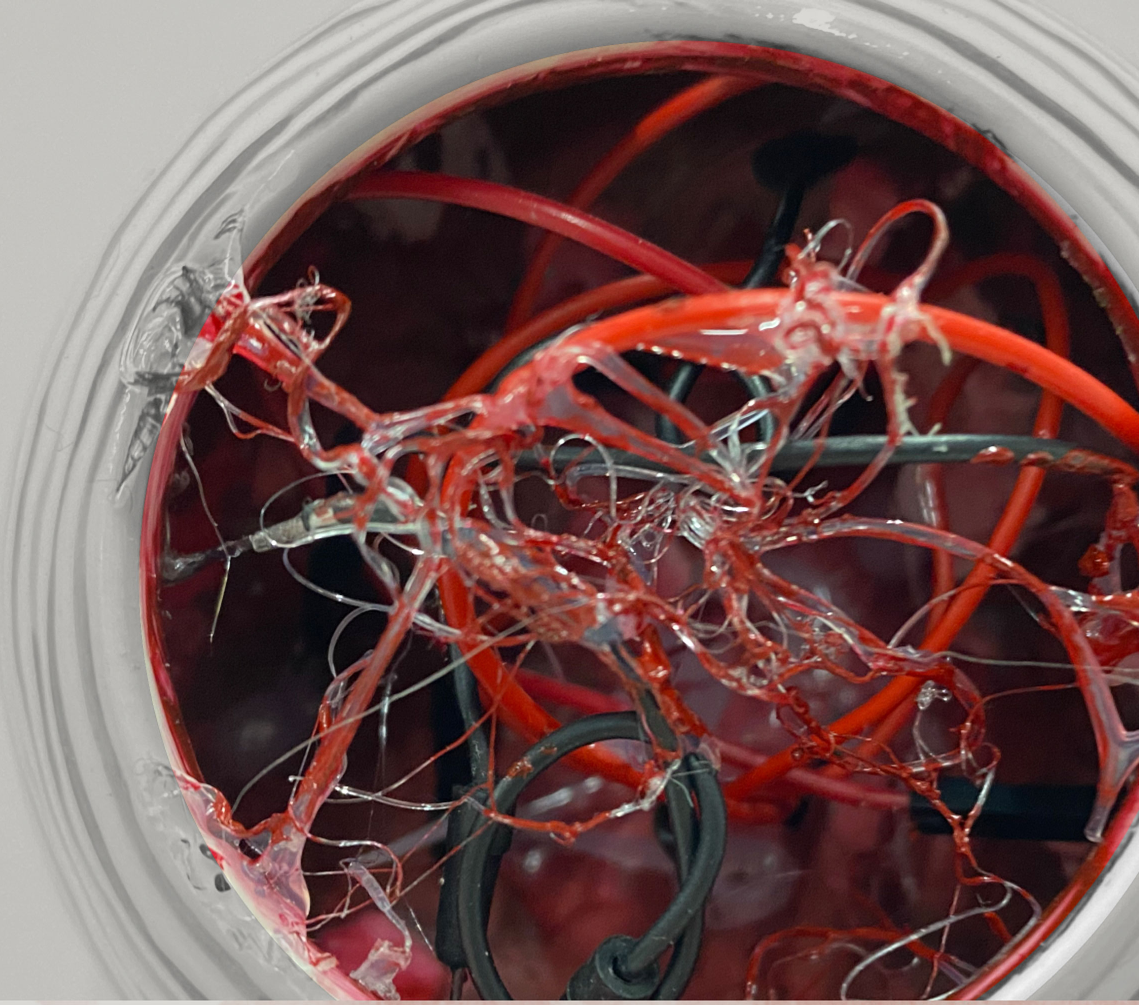
01

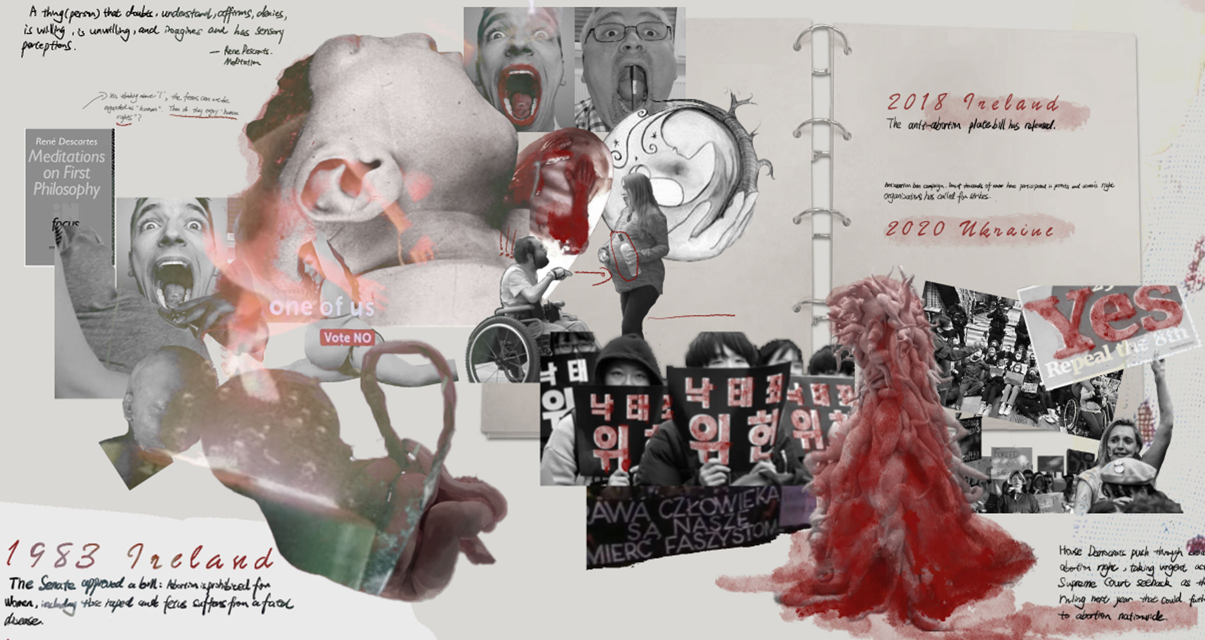
THE WEIGHT

Interactive Installation Design
(2021)Individual Work

We are always telling pregnant women not to do something, which is bad for the fetus. A social experiment in the street in the United States: a pregnant woman with a vodka bottle said, "I've had a bad day.". But people only care about wine bottles and fetuses. How many people care about pregnant women? It reminds me of a series of questions: morally public can condemn what kind of pregnant women's behaviors? What are the rights of pregnant women and the rights of infants? Where is the proper boundary between mother and baby?



RESEARCH


René Descartes
Meditations on First Philosophy
in focus
one of us
Vote NO
낙태죄 위헌
AWA CZŁOWIEKA
SĄ NASZE
MIERĆ FASZYSTOM
Yes
Repeal the 8th

1st Annual Pregnant Bikini Contest: It's pregnant women right. But, Is it harmful for fetus (like overdrunk)?

1541 France

A thing(person) that doubts, understand, affirms, denies, is willing, is unwilling, and imagines and has sensory perceptions.

— Rene Descarts. Meditation

→ Its thinking aware "I", the fetus can not be regarded as "human". Then do they enjoy "human rights"?

2004 America

1983 Ireland

The Senate approved a bill: Abortion is prohibited for women, including those raped and fetus suffers from a fatal disease.

2015 America

A street experiment: People see that pregnant women drinking will only care about the health of fetus. They scold pregnant women and even take her to court. But no one cares about what she said "today is rough day."

TIMELINE

At the national level, the discussion of the responsibility boundary between mother and child falls on establishing and abolishing the birth separation act. Since the last century, the rights struggle between the two sides of the contradiction has not stopped. While women speak for themselves, the rights of babies seem to be in the hands of legislators.

2018 Ireland

The anti-abortion place bill has released.

Anti-abortion ban campaign. Tens of thousands of women have participated in protests and women's right organisations has called for strikes.

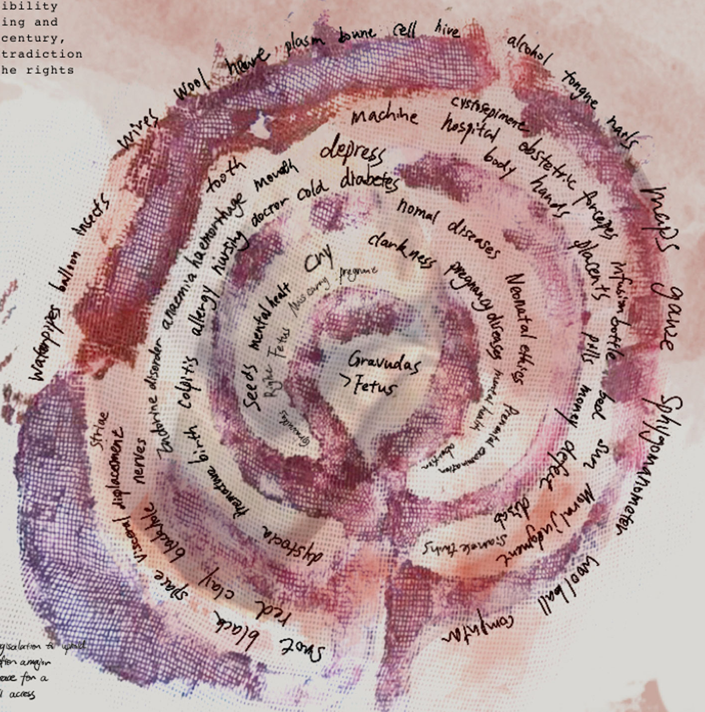
2020 Ukraine

House Democrats push through crucial legislation to uphold abortion right, taking urgent action after a major Supreme Court setback as they brace for a ruling next year that could further roll access to abortion nationwide.

America

2021

MINDMAP


Gravudas
> Fetus
Right
Fetus
Miscarry
pregnant
Cry
mental healt
Seeds
Gravudas
darkness
pregnancy diseases
mental health
Prenatal examination
abortion
Somatic thinking
dystocia
Premature birth
colpitis
allergy
nursing
doctor
cold
diabetes
depress
nomal diseases
Neonatal ethics
pills
money
defect
dead
Moral judgement
red
clay
blackhole
nerves
Endocrine disorder
anaemia
haemorrhage
mouth
tooth
machine
hospital
body
hands
placents
infusion bottle
bed
sun
wool ball
computer
zons
black
space
visceral displacement
striae
waterpipes
balloon
insects
wires
wool
heave
plasm
bone
cell
hive
alcohol
tongue
nails
cystospimere
obstetric forceps
maps
gauze
sphygmomanometer

This four-circle term represents my thinking about the rights of the pregnant woman itself, the rights of the pregnant woman, the baby, the infant. These terms are their physiological manifestations, parts of the body, or items directly related to them.

PROCESS II

Interior filling materials: hair thread, hot melt glue, sanitary paper, water, numb rope

Fill up with numb stain using red propene pigment. And add hot melt.

Each different material filled represents a different meaning. For example, Iron wire represents confinement. Red hot melt glue means stickiness and adhesions.red LED represents the heart, and red and black wires represent healthy and necrotic blood vessels.

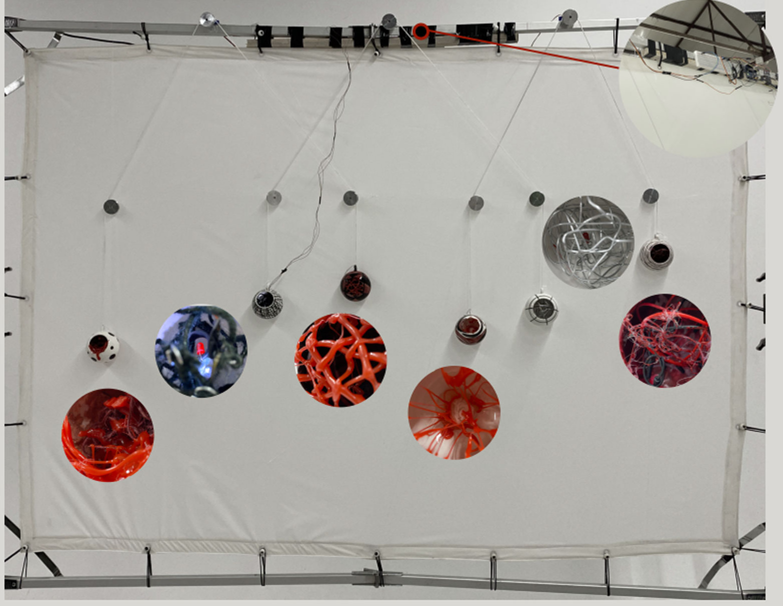
Installing the helminth

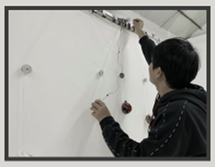
Wire is wrapped around the wire with black hairlines.

Inside this, I added three strands of black hair thread to the "rope "formed by winding the wire up. And I fixed a red LED in the middle of the second rope.

These fixed pulleys are secured to a white cloth by hot melt glue and fish wire. The uppermost three fixed pulleys are then glued to the iron shelf with a glue gun. The Arduino motherboard is secured as well as lines on the opposite side of the frame.

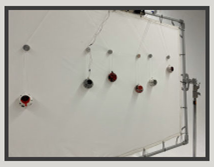
Coding & Install the finished product: hold the pulleys in place and lift each uterus with a wire

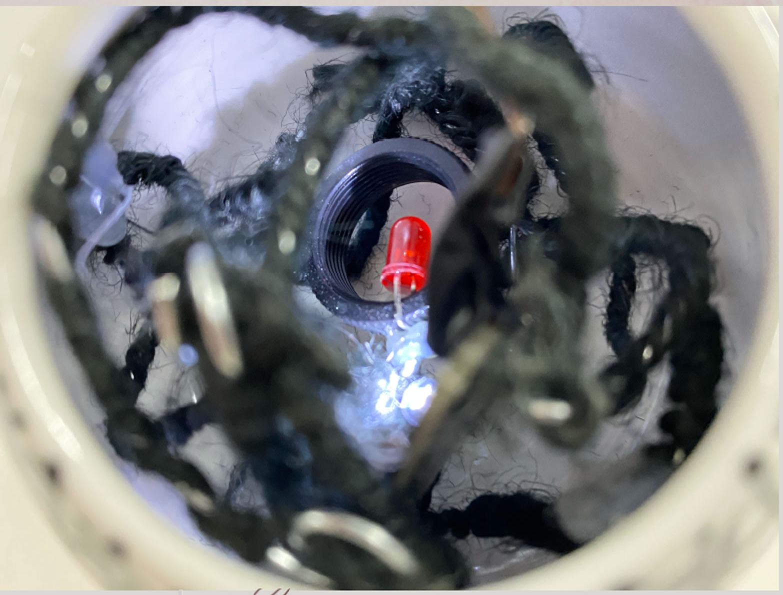


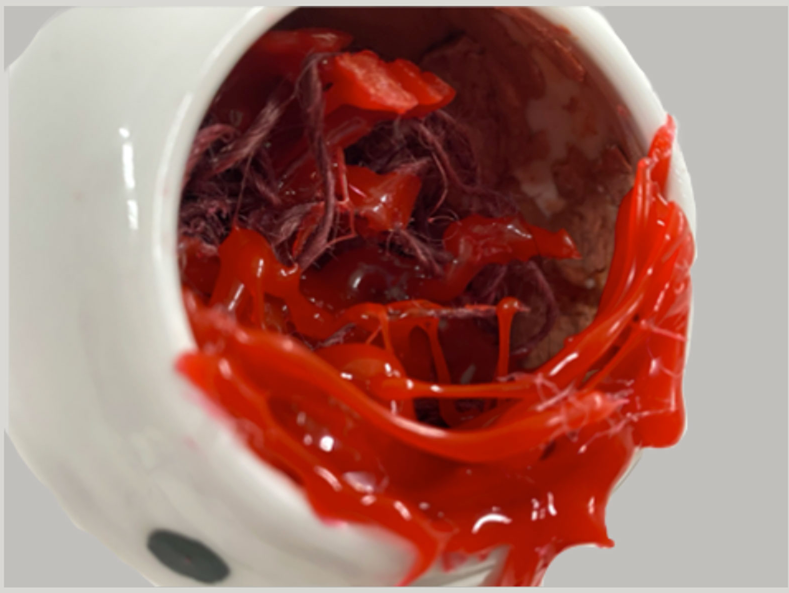


Secure pulley with fish wire

Installation completed

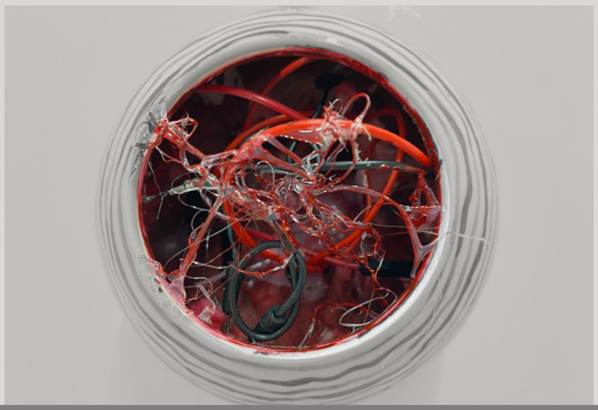


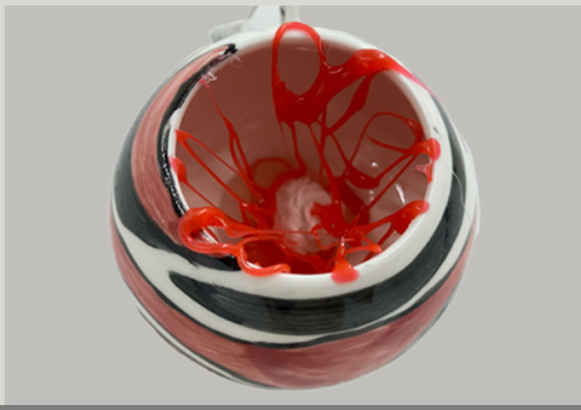




INTERACTION

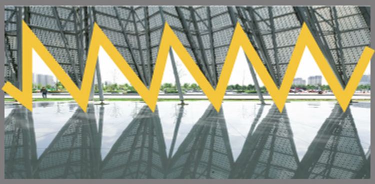
There is a photoresistor inside this device. When stimulated by our set light, it activates to bring the whole machine to work. This sensor is connected to the device behind the white cloth by a flywire (a fragile wire) that moves up and down regularly, driven by the set good program after receiving the light stimulus.





SPACE DESIGN

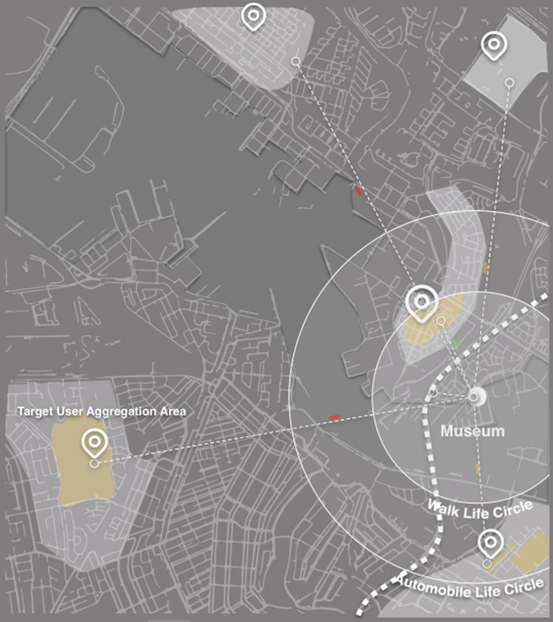
Inspiration & Site Analysis



The Bozhou Gym combine the sharp support feet and smooth surfaces, and using many glasses to create sense of space

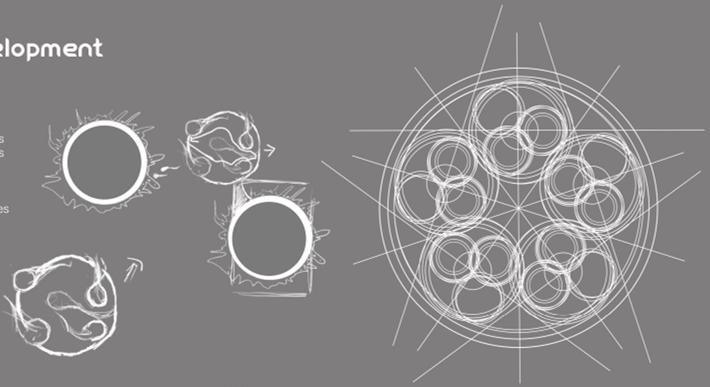
Yuan Ye Architects:
Bozhou Gym,
China

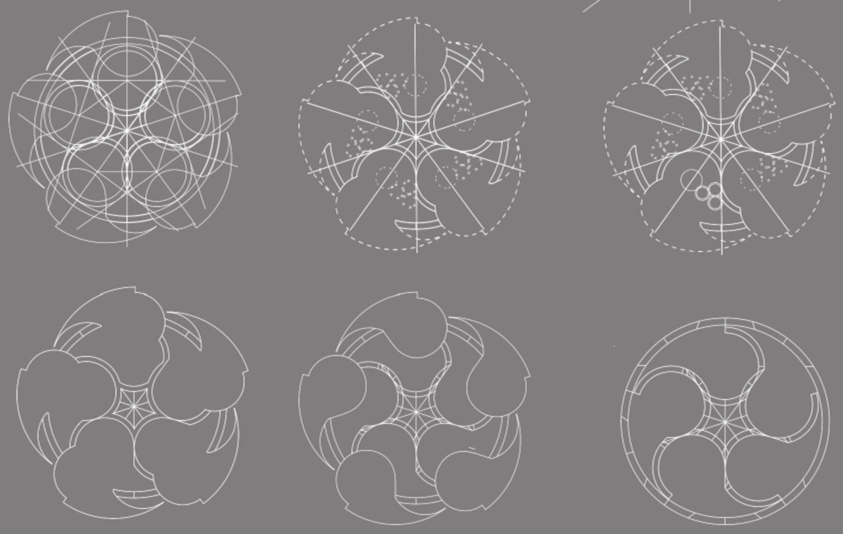
My inspiration draws lesson from Bozhou Gym. The shape of donut and large grasses ensure adequate daylights. The convenient transport is the most important thing to choose museum location(It is near by the main avenue and bridge). On top of that, I consider the distance to five target user aggregation area(schools, large neighborhoods), and automobile life circle can cover one third of whole city.


Target User Aggregation Area
Museum
Walk Life Circle
Automobile Life Circle

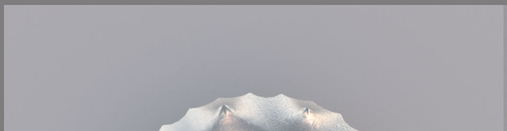
Shape Development

The shape of museum is inspired from the sperm fuses with egg to begin the process of fertilization. I enlarge the proportion of sperms to combine with egg, which creates a adequate tour routes and different function space.

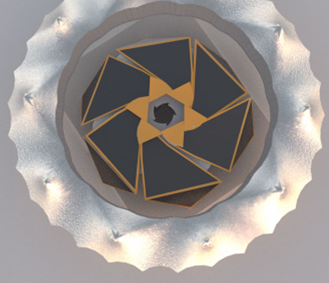


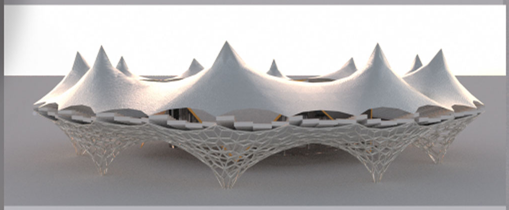


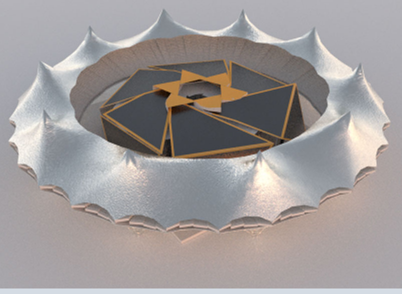
OUTCOMES

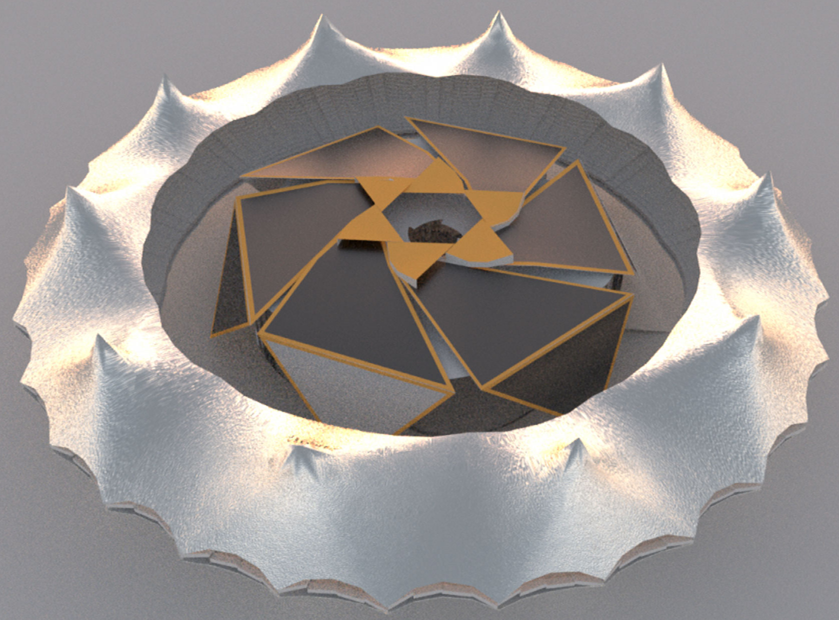


There serval interactive picture which can be clicked show the story(those anonymous stories come from "Malxual") of victims of sexual assault.









Installation

Four interactive projection mappings cover sexual education games and Mg animations.

05 Corpse Factory

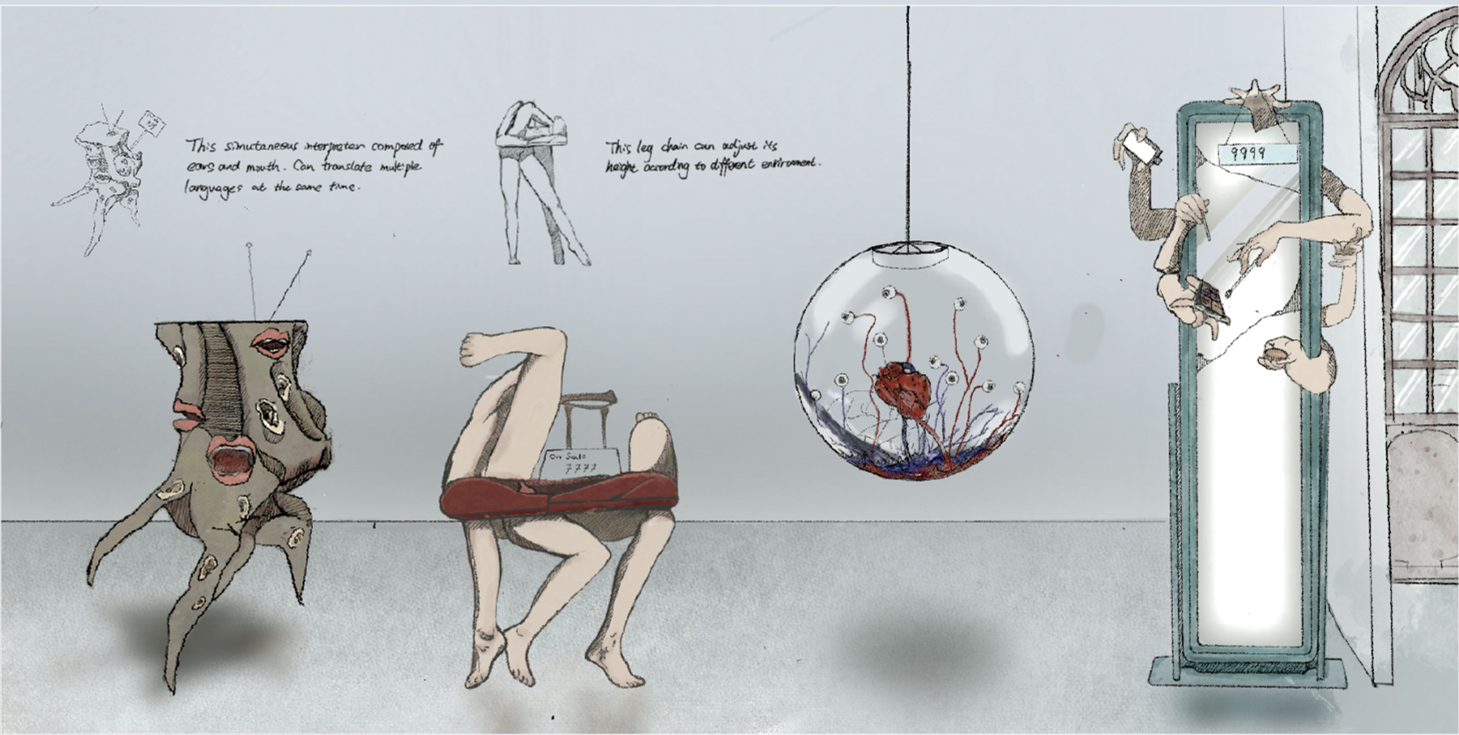
Future Design (2021)Individual Work

Many countries have been in an ageing society for many years. The gap between the birth rate and the death rate will slowly grow. In my speculative design world, this gap is hugely enlarged. In the future, there will be tons of bodies to deal with every second. And coping with bodies is a time-consuming process. No one would like to deal with it. So I design a Corpse Factory to reuse those corpses. Reusable parts are collected and assembled into pieces of furniture, instalments, and electrics.

Interviews

The inspiration comes from my service interview data at CCRC in 2019. The amount of elderly recently hugely increased in Continuing Care Retirement Centre hearing from CCRC's director.

INSPIRATION



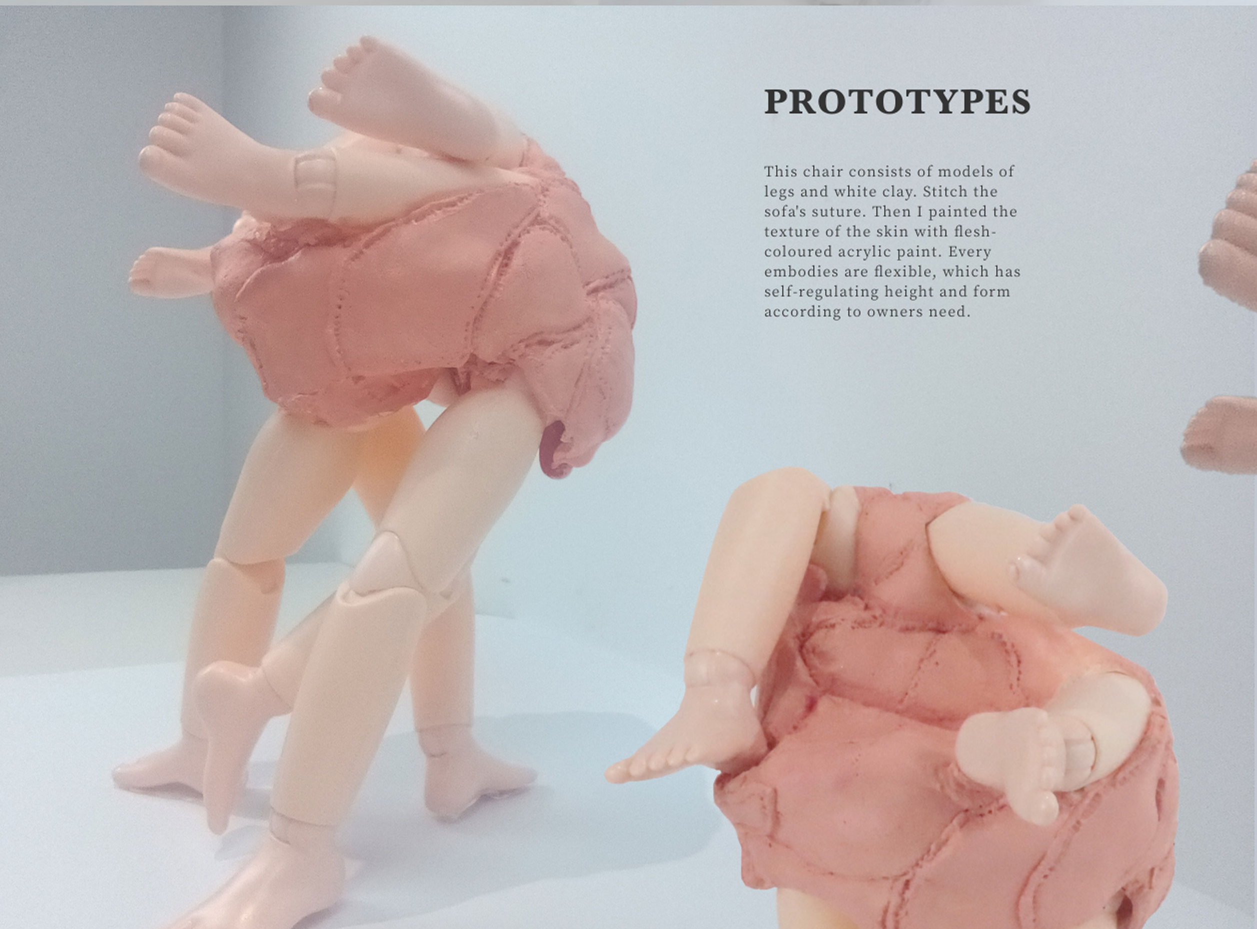
This simutaneous interpreter composed of ears and mouth. Can translate multiple languages at the same time.

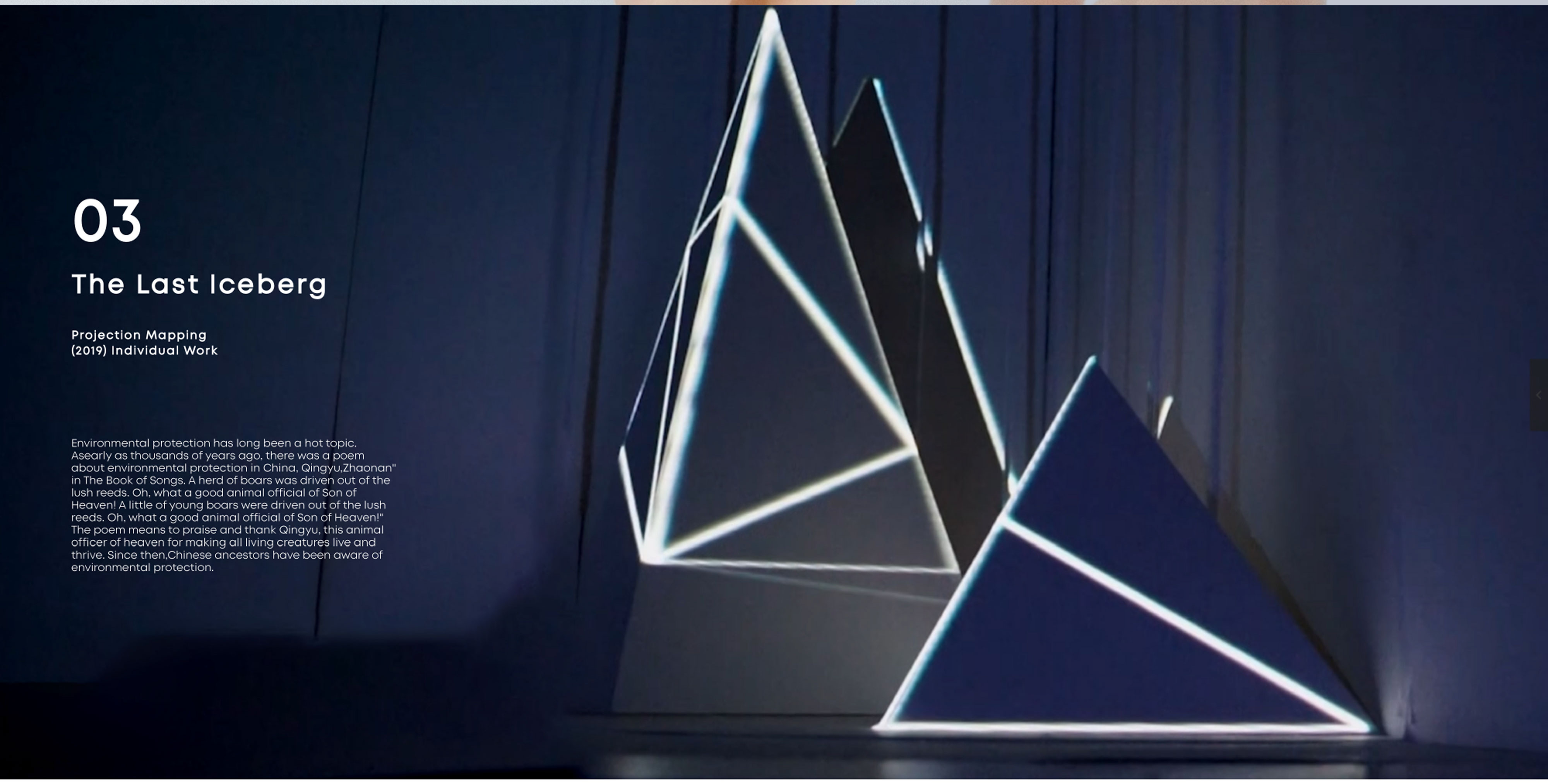
This leg chain can adjust its height according to different enviroment.

On Sale
7777
9999

PROTOTYPES

This chair consists of models of legs and white clay. Stitch the sofa's suture. Then I painted the texture of the skin with flesh-coloured acrylic paint. Every embodies are flexible, which has self-regulating height and form according to owners need.





03

The Last Iceberg

Projection Mapping
(2019) Individual Work

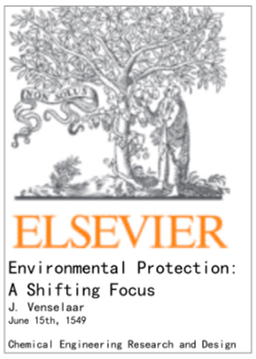
Environmental protection has long been a hot topic. Asearly as thousands of years ago, there was a poem about environmental protection in China, Qingyu,Zhaonan" in The Book of Songs. A herd of boars was driven out of the lush reeds. Oh, what a good animal official of Son of Heaven! A little of young boars were driven out of the lush reeds. Oh, what a good animal official of Son of Heaven!" The poem means to praise and thank Qingyu, this animal officer of heaven for making all living creatures live and thrive. Since then,Chinese ancestors have been aware of environmental protection.

BACKGROUND RESEACH

First of all, the related topics of environmental protection aredetermined, and then the hot topics and research background of environmental protection at home and abroad are investigated.

Other country

1st paper about environmental protection

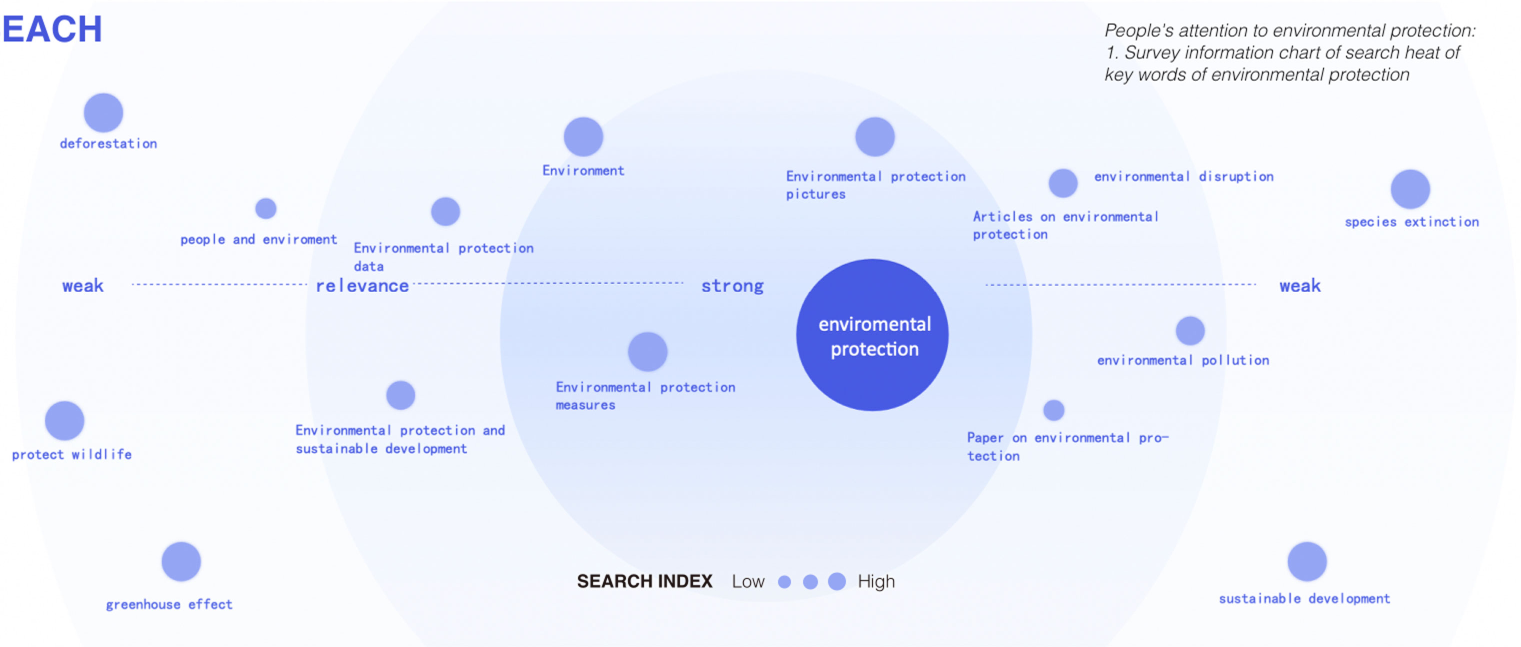


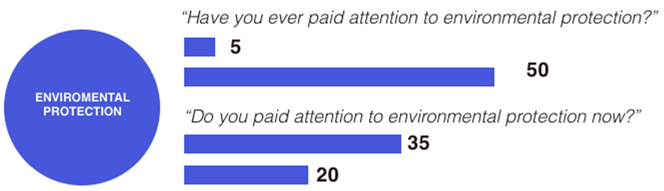
ELSEVIER

Environmental Protection:
A Shifting Focus
J. Venselaar
June 15th, 1549

Chemical Engineering Research and Design

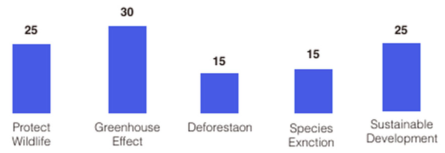
People's attention to environmental protection:
1. Survey information chart of search heat of key words of environmental protection


deforestation
Environment
Environmental protection pictures
environmental disruption
species extinction
Articles on environmental protection
people and enviroment
Environmental protection data
weak
relevance
strong
enviromental protection
weak
environmental pollution
Environmental protection measures
Environmental protection and sustainable development
Paper on environmental protection
protect wildlife
greenhouse effect
SEARCH INDEX
Low
High
sustainable development

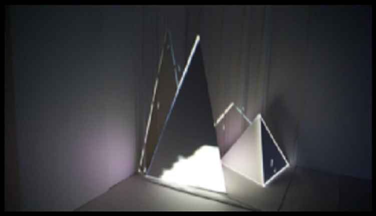


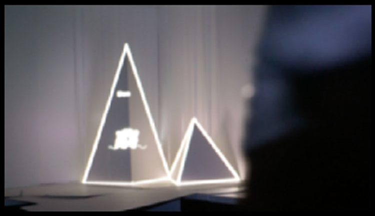
This two bar charts illustrate that the number of people who pay aenon to environmental protection decrease ***30%***.

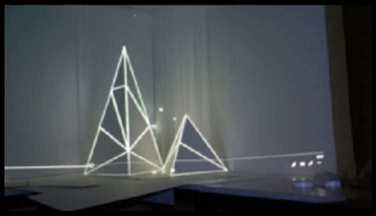
"What kinds of environmental problem you pay more attention to?"

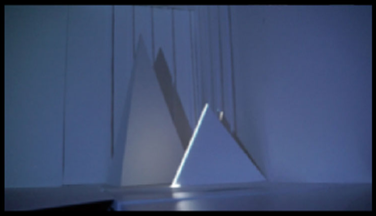


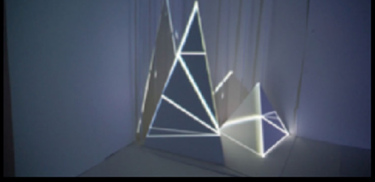
This bar chart illustrate that the environmental problem that people around me pay most aenon to is the green-house effect.



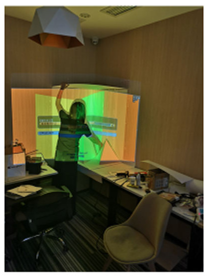




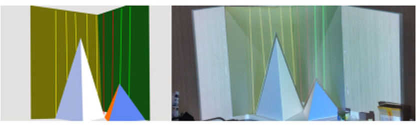




TECHNICAL & CODING



According to the search results on the keywords of "global warming" and "global warming", I found that people's attention to global warming still declined after August 2018.



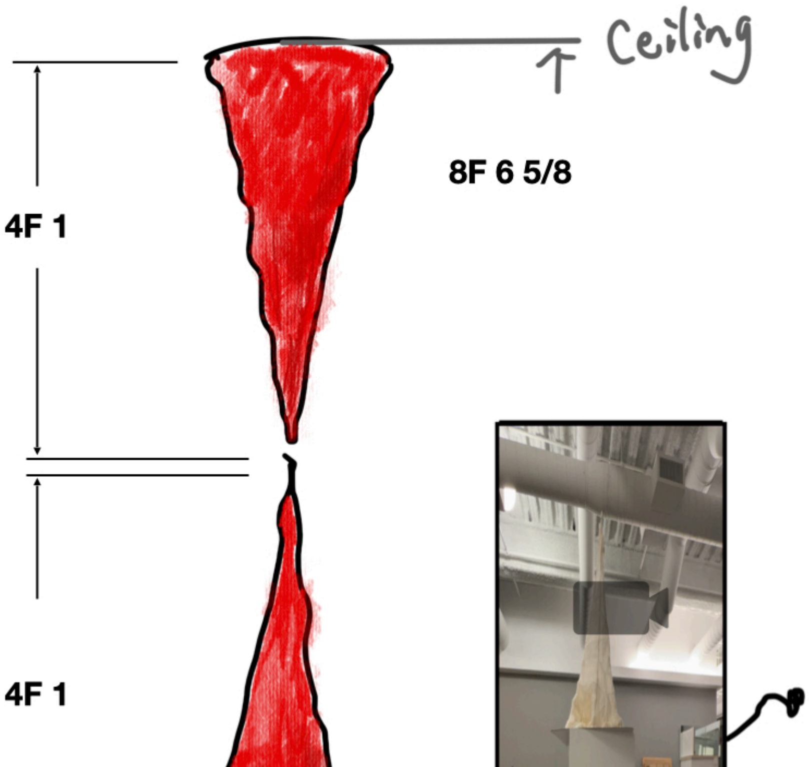
```
#include <sys/types.h>
#include <sys/stat.h>
#include <fcntl.h>
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <string.h>
#include <sys/socket.h>
#include <netinet/in.h>
#include <arpa/inet.h>

#define PORT 8888

int init()
{
   int sockfd;
   struct sockaddr_in addr;
   int dataBytes = 0;
   sockfd = socket(AF_INET,SOCK_STREAM,0);
   if(sockfd < 0){
      return 0;
   }
   printf("创建套接字成功\n");


   addr.sin_family = AF_INET;

   addr.sin_port = htons(PORT);
   addr.sin_addr.s_addr = inet_addr("172.20.10.5");

   if(connect(sockfd, (struct sockaddr *)&addr, sizeof(addr)) < 0)
   {
      return 0;
   }
   return sockfd;
}

int main(void)
{
   int sockfd = init();
   FILE *p=NULL;
   char i[100]={0};

   p = fopen("/sys/class/gpio/export","w");
   fprintf(p,"%d",203);
   fclose(p);
   p = fopen("/sys/class/gpio/gpio203/direction","w");
   fprintf(p,"in");
   fclose(p);

   while(1){
         p = fopen("/sys/class/gpio/gpio203/value","r");
         fseek(p , 0 , 0);
         fread(i , 1, 1 ,p);
         printf("key = %c \r\n",i[0]);
         send(sockfd,sendbuff,strlen(sendbuff)+1,0);
         fclose(p);
   }
   return 0;
}
```

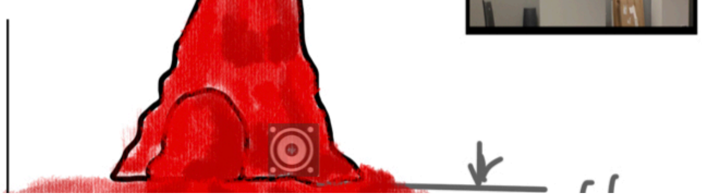
```
#include <winsock2.h>
#include <windows.h>
#include <stdint.h>
#include <tlhelp32.h>
#include <iostream>
#include <string>
using namespace std;
#pragma comment(lib,"ws2_32.lib")

DWORD GetProcessIDByName(const char* pName)
{
      HANDLE hSnapshot = CreateToolhelp32Snapshot(TH32CS_SNAPPROCESS, 0);
      if (INVALID_HANDLE_VALUE == hSnapshot) {
            return 0;
      }
      PROCESSENTRY32 pe = { sizeof(pe) };
      for (BOOL ret = Process32First(hSnapshot, &pe); ret; ret = Process32Next(hSnapshot,
&pe)) {
            if (strcmp(pe.szExeFile, pName) == 0) {
                  CloseHandle(hSnapshot);
                  return pe.th32ProcessID;
            }
      }
      CloseHandle(hSnapshot);
      return 0;
}

BOOL KillProcess(DWORD ProcessId)
{
   HANDLE hProcess=OpenProcess(PROCESS_TERMINATE,FALSE,ProcessId);
   if(hProcess==NULL)
      return FALSE;
   if(!TerminateProcess(hProcess,0))
      return FALSE;
   return TRUE;
}

int main(int argc, char* argv[]){

   WORD sockVersion = MAKEWORD(2, 2);
   WSADATA wsdata;
   if (WSAStartup(sockVersion, &wsdata) != 0)
   {
      return 1;
   }

   SOCKET serverSocket = socket(AF_INET, SOCK_STREAM, IPPROTO_TCP);
   if (serverSocket == INVALID_SOCKET)
   {
      cout << "Socket error" << endl;
      return 1;
   }

   sockaddr_in sockAddr;
   sockAddr.sin_family = AF_INET;
   sockAddr.sin_port = htons(8888);
   sockAddr.sin_addr.S_un.S_addr = INADDR_ANY;

   if (bind(serverSocket, (sockaddr*)&sockAddr, sizeof(sockAddr)) == SOCKET_ERROR){
      cout << "Bind error" << endl;
      return 1;
   }
```

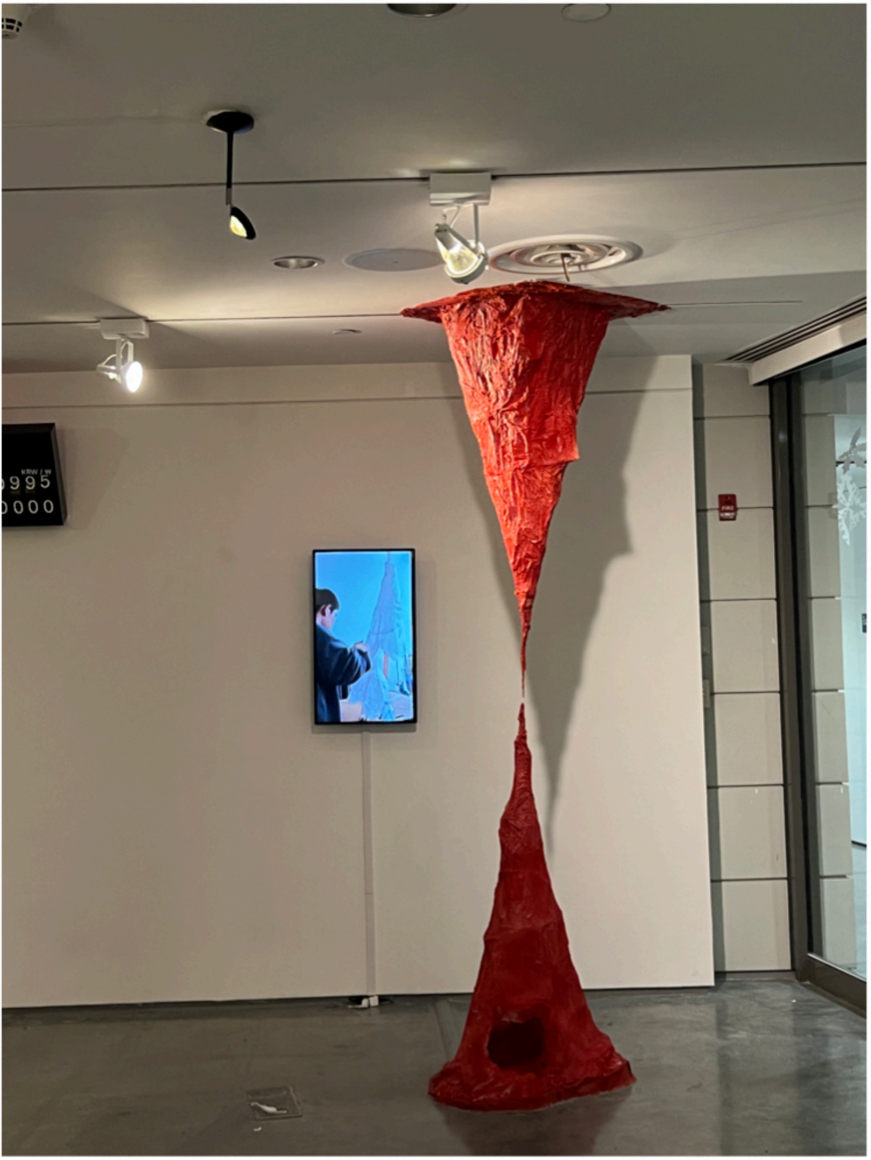
```
   if (listen(serverSocket, 10) == SOCKET_ERROR){
      cout << "Listen error" << endl;
      return 1;
   }

   SOCKET clientSocket;
   sockaddr_in client_sin;
   char msg[100];
   int flag = 0;
   int sign = 0;
   int len = sizeof(client_sin);
   while (true){
      if (!flag)
         cout << "Connecting..." << endl;
      clientSocket = accept(serverSocket, (sockaddr*)&client_sin, &len);
      if (clientSocket == INVALID_SOCKET){
         cout << "Accept error" << endl;
         flag = 0;
         return 1;
      }
      if (!flag)
         cout << " Receive Link:" << inet_ntoa(client_sin.sin_addr) << endl;

      int num = 0;
      while(num = recv(clientSocket, msg, 100, 0))
      {
         msg[num] = '\0';
         cout <<"Receive message: "<< msg << endl;
         if(msg[0] == '1'){
                     if(sign == 0){
                           HINSTANCE hInstance;
                           hInstance = ShellExecute(NULL, "open",
"X.mp4", "-Arg_Scan", NULL, SW_SHOW);
                           sign = 1;
                           CloseHandle(hInstance);
                     }
                     Sleep(1000);
               }
               if(msg[0] == '0'){

KillProcess(GetProcessIDByName("PotPlayerMini64.exe"));
                     sign = 0;
                     Sleep(1000);
               }
      }

      /*string data;
      getline(cin, data);
      const char * sendData;
      sendData = data.c_str();
      send(clientSocket, sendData, strlen(sendData), 0);
      closesocket(clientSocket);*/
   }

   closesocket(serverSocket);
   WSACleanup();

   return 0;
}
```

CONCEPT

- Red Stalactite stems from pondering nature's evolutionary alternatives, speculating whether a different evolutionary path might have led to red stalactites instead of white. Red Stalactite symbolizes an unnatural linear evolution. The concept explores an imaginative evolutionary direction, where red wax stalactites form in an alternate universe and arrive in ours through a hypothetical wormhole.


Ceiling
8F 6 5/8
4F 1
4F 1




KRW / W
995
0000