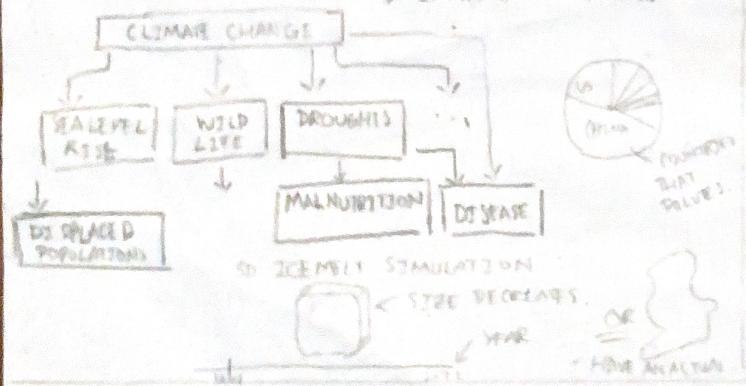
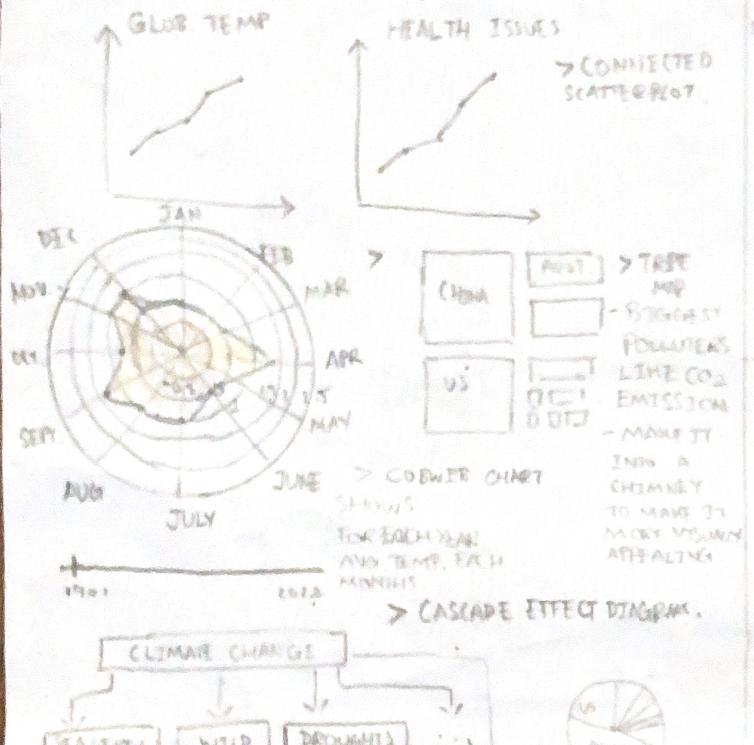
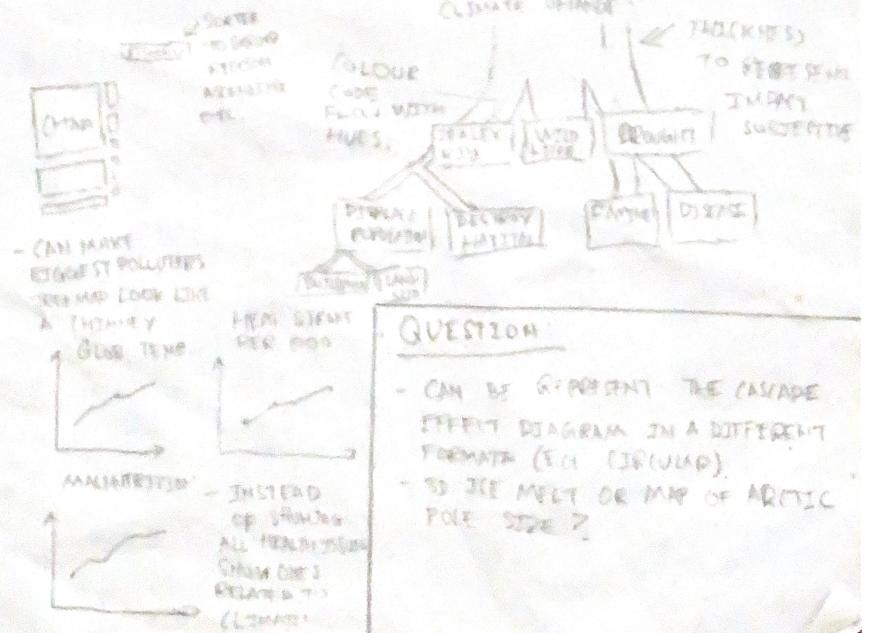
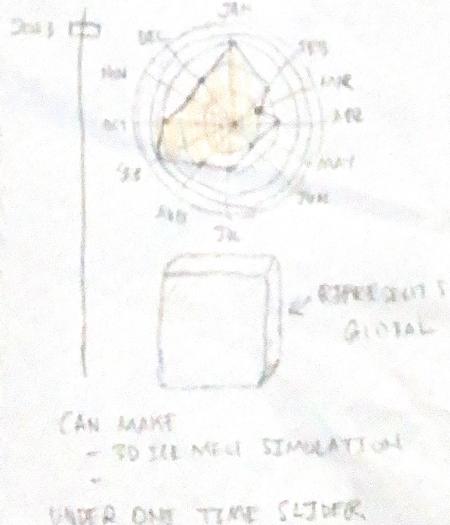


## IDEAS:

- TRENDS OF CLIMATE CHANGE
- TEMPERATURE (AVERAGE)
- GLOBAL SENTIMENT ABOUT CLIMATE CHANGE
- BIODIVERSITY INDEX.

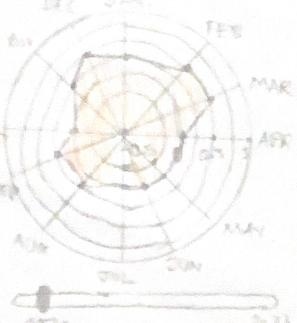


## COMBINE AND RETHINK



## FILTER

AVERAGE TEMPERATURE: DEC JAN



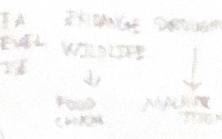
HEALTH ISSUE VS CLIMATE CHANGE  
2020 2023  
JUN JUL AUG SEP OCT NOV DEC JAN MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN

## BIGGEST POLLUTERS

CHINA	US
CHINA	US
US	CHINA

## CLIMATE CHANGE TRENDS

### CLIMATE CHANGE EFFECTS



## CATEGORIZE

AVERAGE TEMPERATURES

LARGEST POLLUTERS

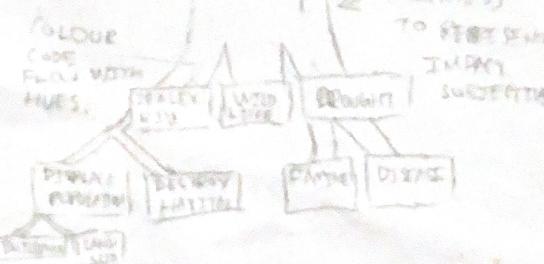
CASCADING EFFECT DIAGRAM

HEALTH ISSUES VS CLIMATE CHANGE

3D ICE MELT SIMULATION

## CLIMATE CHANGE

THICKNESS TO STYLISH  
INFLUENCE SURFACE



## QUESTION

- CAN BE REPRESENTED THE CASCADING EFFECT DIAGRAM IN A DIFFERENT FORMAT (E.G. CIRCLE/LAD).

- TO ICE MELT OR MAP OF ARCTIC POLE SIZE?

- INSTEAD OF SHOWING ALL HEALTH ISSUES SHOW ONLY THOSE RELATED TO CLIMATE?

**AYOUT: CLIMATE**

Pellentesque dapibus suscipit ligula. Donec posuere augue in quam. Etiam vel tortor sodales tellus.

**AVERAGE TEMPERATURE:**

**ICEMELT:**

**IMPACT OF CLIMATE CHANGE:**

**BIGGEST POLLUTERS:**

Nulla facilis is, risus a rhoncus fermentum, tellus lacinia purus, et dictum nunc iusto sit amet elit.

**CLIMATE VS. HEALTH PER 100,000 PEOPLE:**

CLIMATE	STROKE	MALARIA	ANXIETY	MALARIA
CHINA	↑	↑	↑	↑
US	↑	↑	↑	↑

**TITLE: CLIMATE CHANGE**

**AUTHOR: LUYANG LIU**

**DATE: 14/08/2023**

**SHEET: 2**

**TASK: SCROLLABLE PAGE**

**OPERATION:**

- WHEN ADJUSTING SLIDER, SPIDER CHART AND 3D ICEMELT CHANGES TO CURRENT YEAR

**TREEMAP ON BIGGEST POLLUTERS CAN BE ADJUSTED TO SORT BY ASCENDING, DESCENDING, CONTINENT, WEALTH, POPULATION.**

**VASC < CLICK**

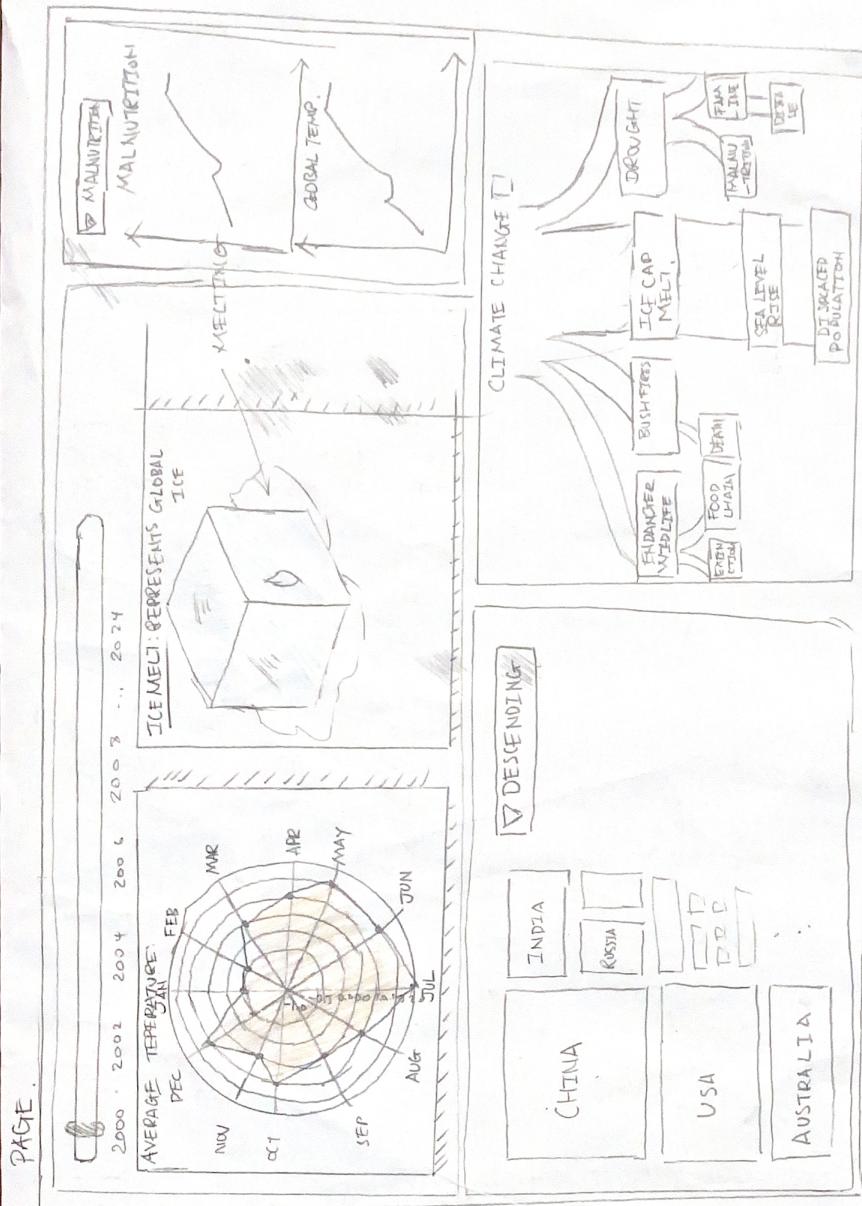
**FOCUS:**

- FOCUS ON THE CASCADING EFFECTS OF CLIMATES TO HIGHLIGHT THE SERIOUSNESS OF IT. USE EYE CATCHING ICON'S TO DRAW PEOPLE'S ATTENTION.
- BUT EVERYTHING IS EQUALLY IMPORT.
- USE COLOURS TO DRAW PEOPLE'S ATTENTION

**DISCUSSIONS:**

PROS	CONS
- SIMPLE TO DESIGN	- NO GROUP SO IT CAN GET MESSY
- INTUITIVE TO READ,	- A LOT OF WASTE OF SPACE.
	- COUNTER-INTELLIGENT THAT SLIDER CONTROLS 2 THINGS.

## LAYOUT:



## FOCUS:

- EVERYTHING IS EQUALLY IMPORT.
- FOCUS ON THE DEVASTATING IMPACT OF CLIMATE CHANGE A BIT MORE BY USING THE CLIMATE CHANGE CASECADE DIAGRAM WITH EYE CATCHING LOGOS.
- IMPORTANT MARKS SUCH AS AREA AND LINES ARE COLOURED WHILE BACKGROUND IS GREYED OUT TO PUT EMPHASIS

TITLE: CLIMATE CHANGE

AUTHOR: LYUANG LIU

DATE: 14/08/2023

SHEET: 3

TASK: DASH BOARD  
VIEW

## OPERATIONS:

- TOOL TIP WHEN HOVER OVER:
  - TREEMAP AREAS
  - CASCADE EFFECT DIAGRAM NODES
- 3D VOLUME FOR ICE MELT



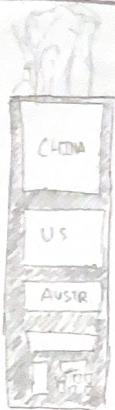
- CAN CHOOSE WHICH LINEGRAPH TO COMPARE GLOBAL AVERAGE TEMP. WITH BY DRODOWN,



## DISCUSSIONS:

PROS	CONS
- SAVE A LOT OF ROOM	- TOO MUCH INFO. CRAMMED ONTO 1 PAGE
- INTERACTIVE	- NOT ENOUGH TEXT SO IT CAN BE CONFUSING
- DON'T HAVE TO SCROLL	
- SAVE SPACE AND VERY INTERACTIVE HENCE FUN.	

### LAYOUT:



TITLE: POSTER CLIMATE CHANGE

AUTHOR: LUYANG LIU

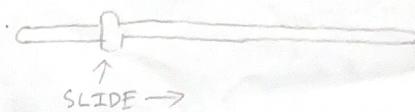
DATE : 14/08/2023

SHEET: 4

TASK: POSTER WITH A LOT OF CHARTJUNK

### OPERATION:

- SLIDES TO CHANGE TARGET YEAR FOR COBWEB CHART AND VOLUME OF ARCTIC ICE FOR THAT YEAR.



### FOCUS:

- EVERYTHING IS IMPORTANT BUT WANT TO HIGHLIGHT THE DEVASTATING EFFECTS OF CLIMATE CHANGE SO USE CHARTJUNK AND COOL VISUALS TO HIGHLIGHT IT

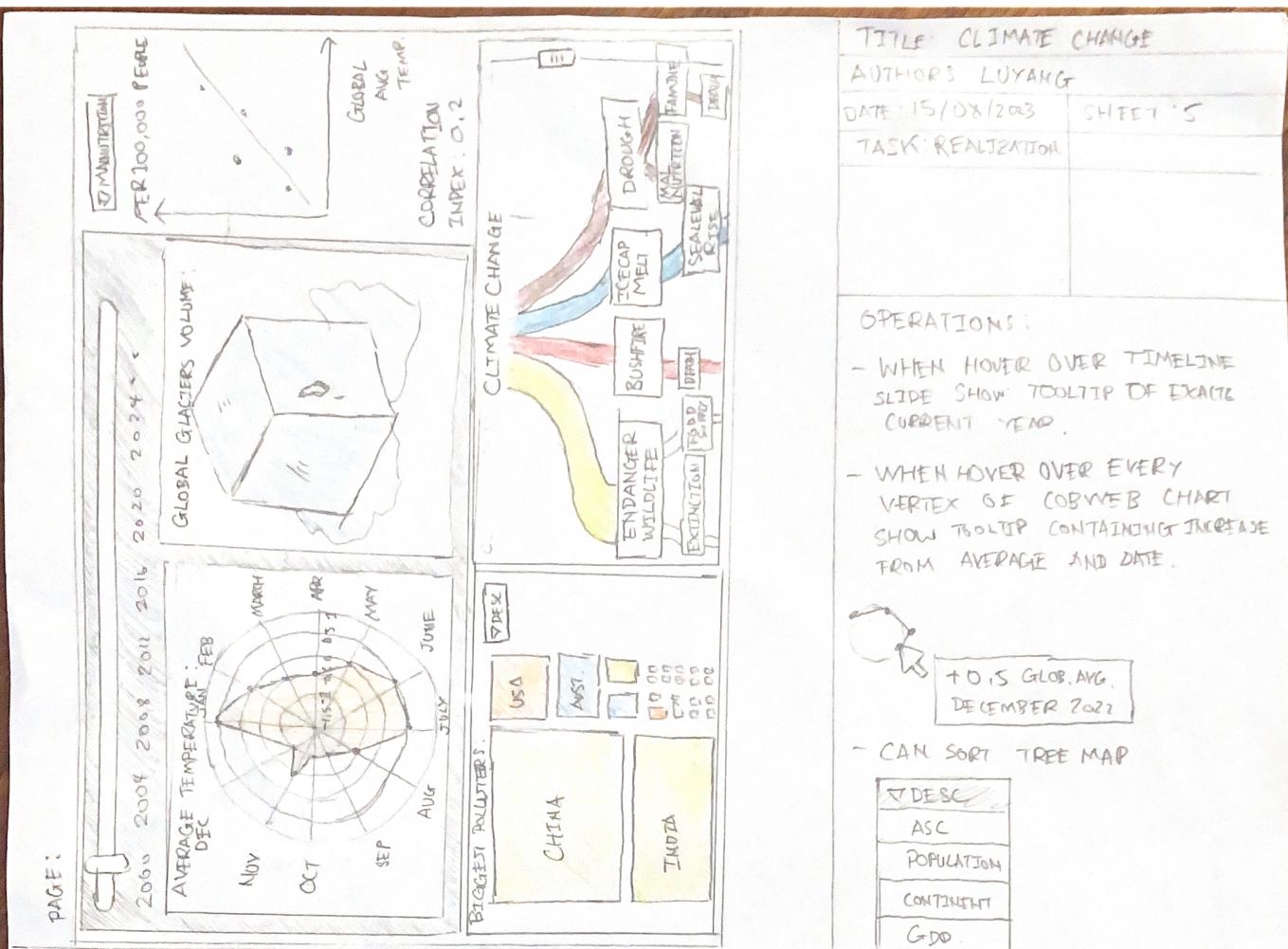
### DISCUSSIONS:

#### PRO:

- VERY EYE CATCHING SO IT CAN MAKE THE VISUALISATION VERY MEMORABLE.

#### CONS:

- A LOT OF CHARTJUNK AND HIGH INK-TO-DATA RATIO SO IT CAN MAKE IT LOOK COMPLEX
- HARD TO IMPLEMENT.



TITLE: CLIMATE CHANGE

AUTHOR'S LUYANG

DATE: 15/08/2023 SHEET: 5

TASK REALIZATION

#### OPERATIONS:

- WHEN HOVER OVER TIMELINE SLIDE SHOW TOOLTIP OF EXACT CURRENT YEAR.
- WHEN HOVER OVER EVERY VERTEX OF COBWEB CHART SHOW TOOLTIP CONTAINING INCREASE FROM AVERAGE AND DATE.



- CAN SORT TREEMAP

DESC
ASC
POPULATION
CONTINENT
GDP

#### DETAILS:

- CLIMATE CHANGE VS. HEALTH IMPACT CAN BE REPRESENTED ON A CORRELATION CHART.
  - IF CORRELATION IDX IS HIGHER THAN 0 THEN ITS POSITIVE
- COLOURS OF TREEMAP AREAS REPRESENT CONTINENT NOT COUNTRY AS THERE ARE TOO MANY.
- SOME CHARTJUNK IS USED TO MAKE VISUALISATION MORE AESTHETIC.

ZOOM

