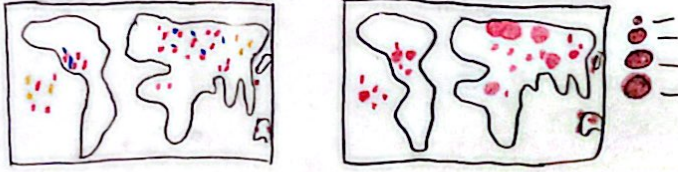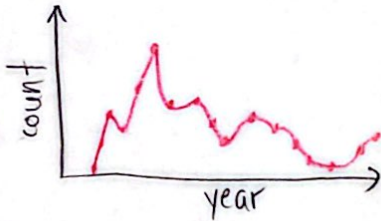## IDEAS

→ location of nuclear explosions

→ count of nuclear explosions

→ nuclear explosions by method of deployment

→ nuclear explosions by purpose

→ maximum yield against year

FILTER

location of nuclear explosions:

nuclear explosions by method of deployment:
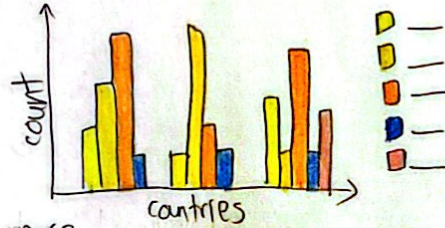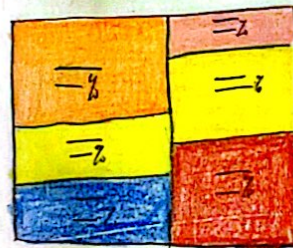

nuclear explosions by purpose:

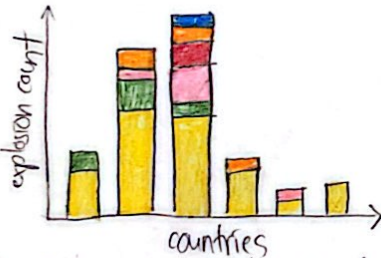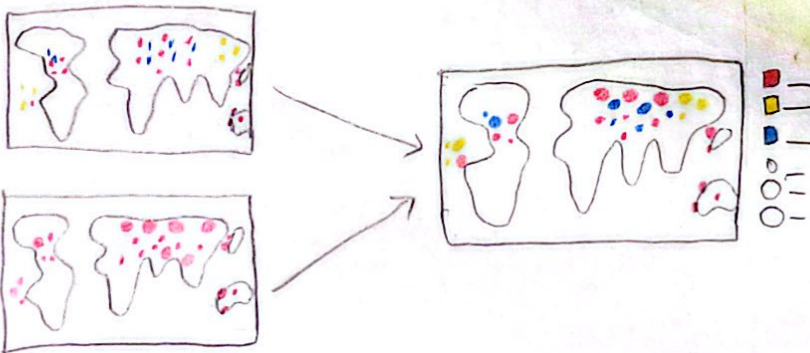

CATEGORIZE

location of nuclear explosions

↓

count of nuclear explosions

↓

nuclear explosions by method of deployment

↓

nuclear explosions by purpose

↓

Maximum yield against year

COMBINE + REFINE

QUESTION

1) Would the implementations be doable?

2) Does it effectively convey the message?

LAYOUT

OPERATION

hover

tooltip:

country: ———
region: ———
latitude: ———
longitude: ———
depth: ———
magnitude: ———
yield: ———
year: ———
name: ———

FOCUS

count of nuclear explosions

→ location of nuclear explosions

→ proportion of nuclear explosions by method of deployment

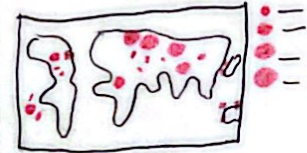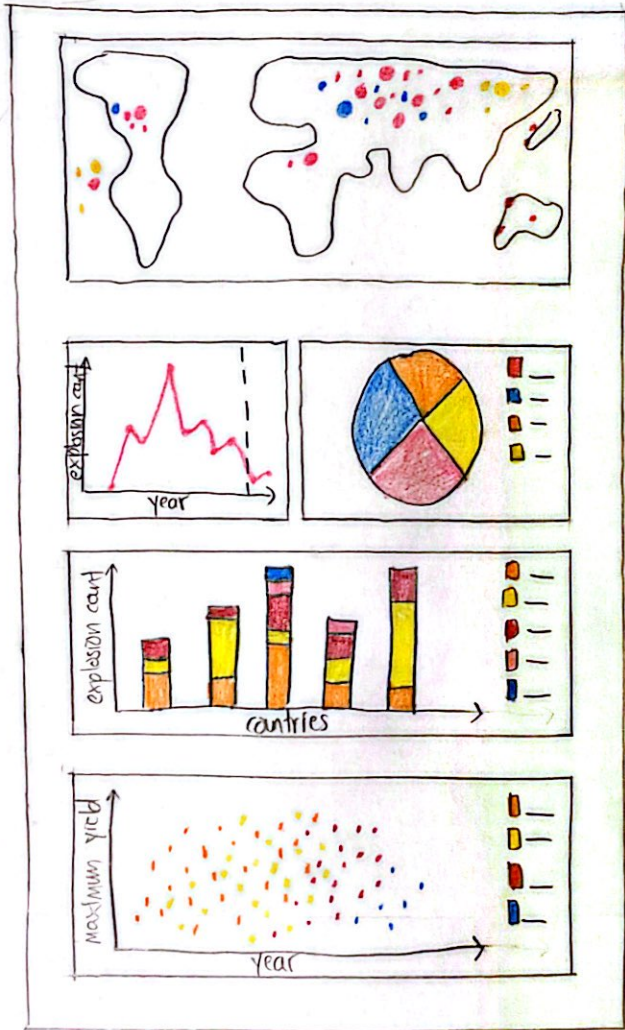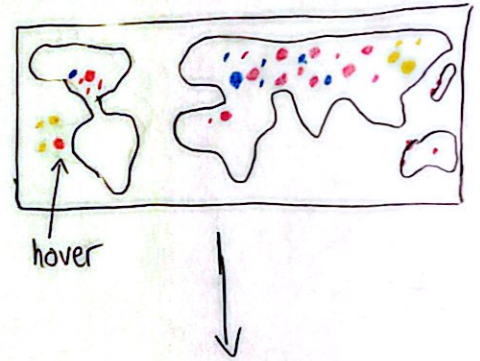→ nuclear explosions by purpose

→ Maximum yield against year
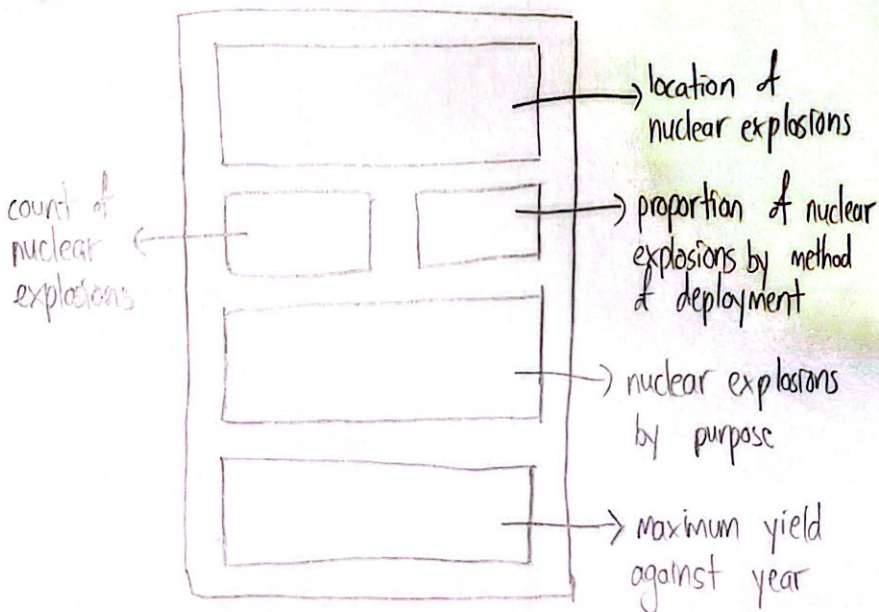
DISCUSSIONS

* User may not know the context

* important information has to be added to address the message

* would a picture help?

LAYOUT

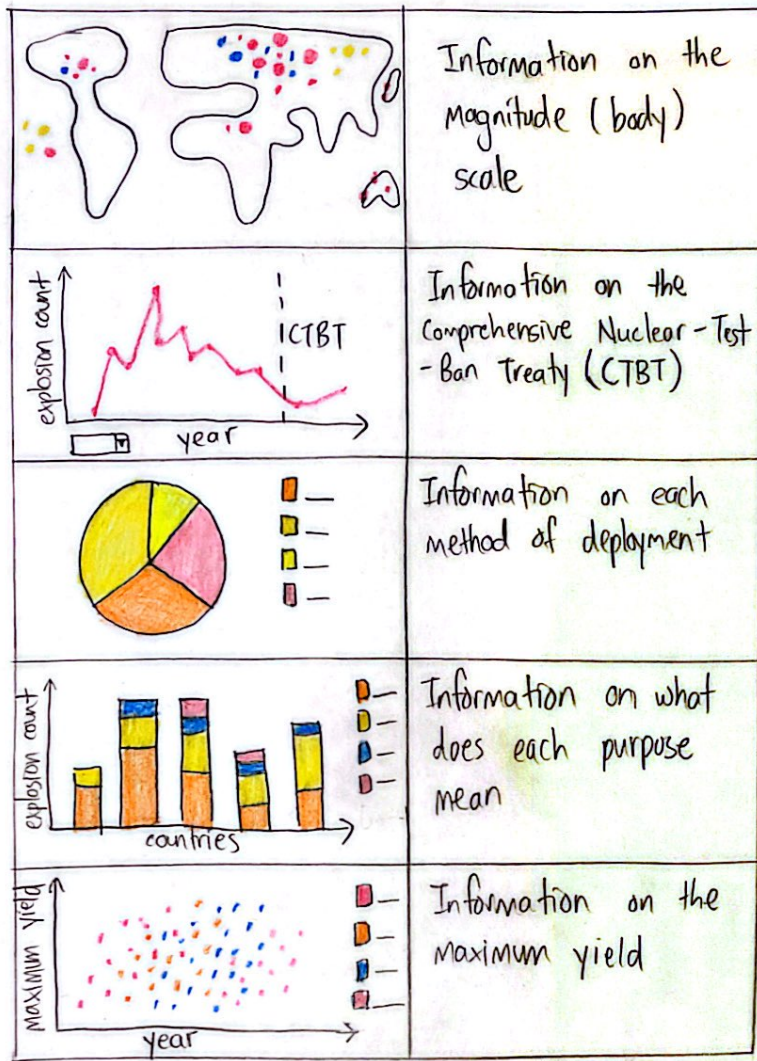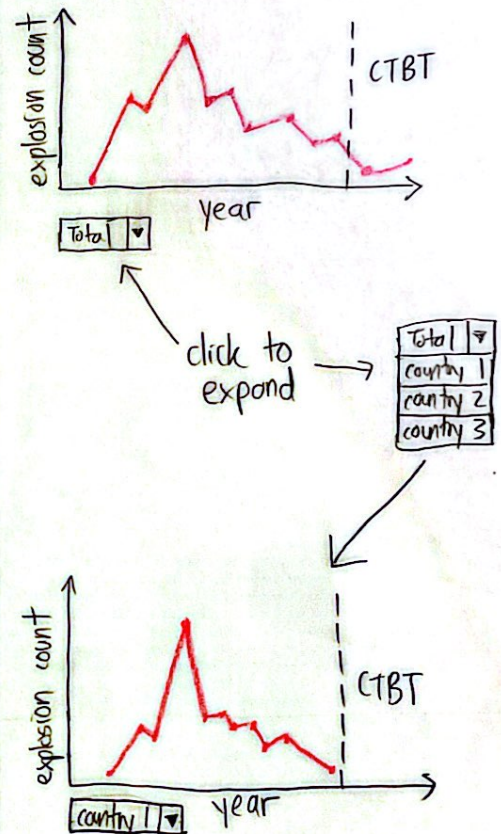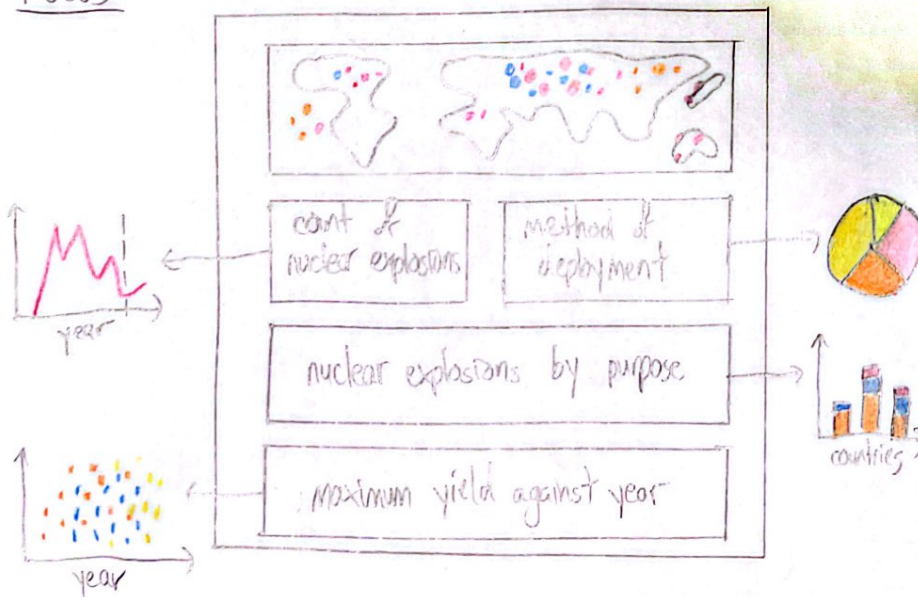|	
	Information on the Magnitude (body) scale
ICTBT	Information on the Comprehensive Nuclear-Test-Ban Treaty (CTBT)
	Information on each method of deployment
	Information on what does each purpose mean
	Information on the Maximum yield

OPERATION

click to expand →

Total ▼
country 1
country 2
country 3

FOCUS

- count of nuclear explosions
- method of deployment
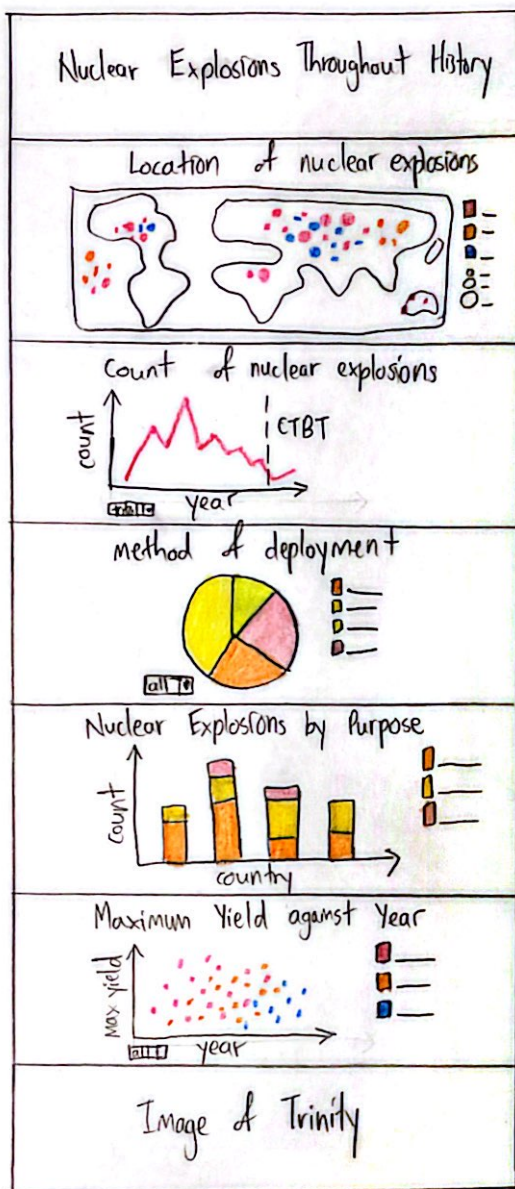- nuclear explosions by purpose
- maximum yield against year

DISCUSSION

* Should include more interactions for users
* Hopefully it looks informative and concise
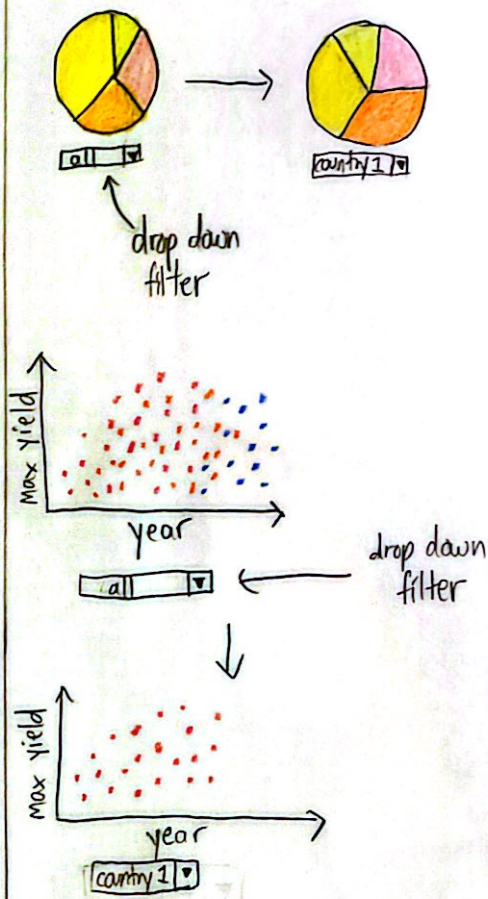* The implementations should be doable

LAYOUT

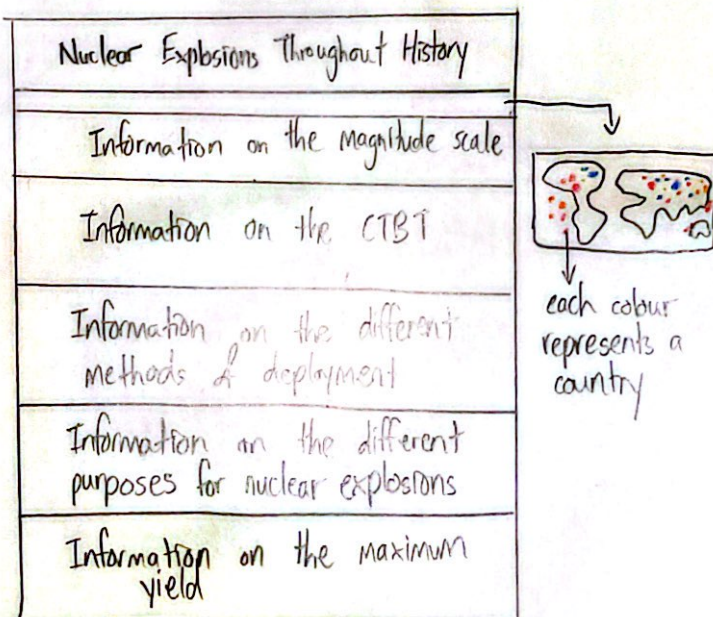**Nuclear Explosions Throughout History**

Location of nuclear explosions

Count of nuclear explosions
- count
- CTBT
- year

Method of deployment
- all

Nuclear Explosions by Purpose
- count
- country

Maximum Yield against Year
- max yield
- year

Image of Trinity

OPERATION

drop down filter
- all → country 1

max yield / year
drop down filter
- all

max yield / year
- country 1

FOCUS

Nuclear Explosions Throughout History

- Information on the Magnitude scale
- Information on the CTBT
- Information on the different methods of deployment
- Information on the different purposes for nuclear explosions
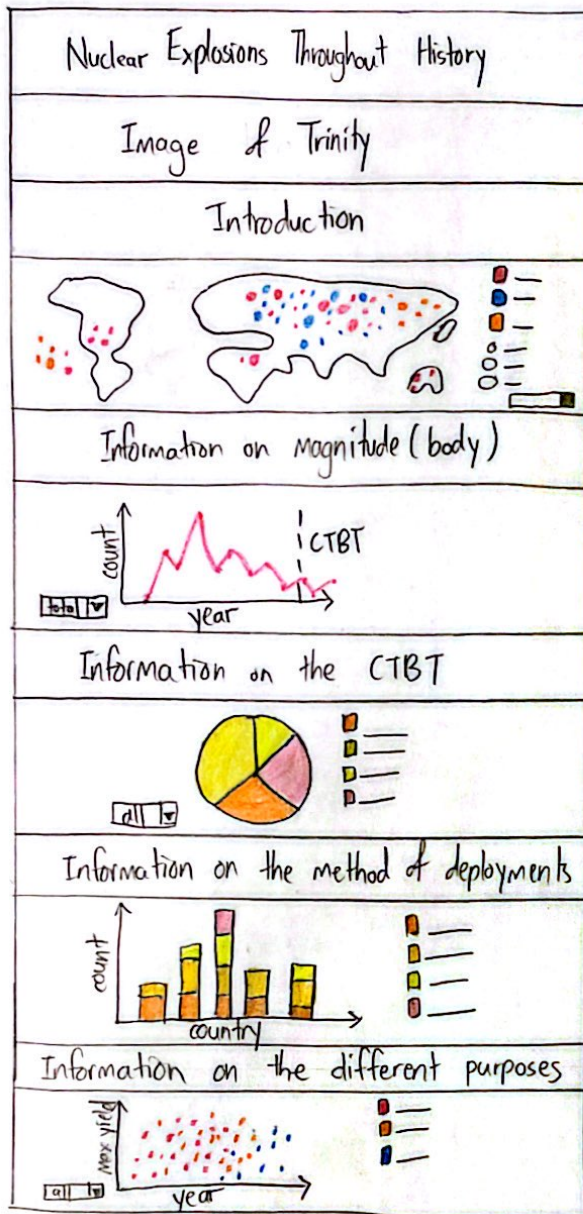- Information on the maximum yield
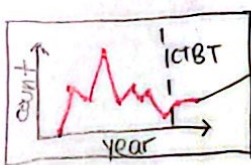
each colour represents a country

DISCUSSIONS

* Maybe I can make the map even more interactive

* I should add more annotations to the line plot to highlight more important events

LAYOUT

Nuclear Explosions Throughout History

Image of Trinity

Introduction

Information on Magnitude (body)

Information on the CTBT

Information on the method of deployments

Information on the different purposes

OPERATION

slider

FOCUS

Year : ___
Number of explosions : ___

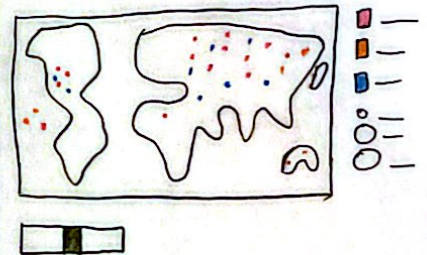Method of deployment : ___
count of explosions : ___
Proportion : ___
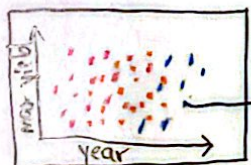
Country : ___
Max Yield : ___
Year : ___
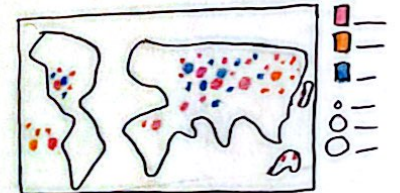
DETAIL

* Time to implement : 1 week
* Require TopoJson files for the map
* Should be enough interactivity
* More annotations are added