

Title: Water Use and Stress

Author: Ong Chong How

Date: 02/10/5024

Sheet: 2

Task : Dosign Visualization of topic water

OPERATIONS
Zoom !!!
Zoom - B Zoom B Zoom B Change opacity
When hovering

DISCUSSION

The tasy Scanning (presenting multiple pieces of information

Year!!!

Es Compact amagement and vertical flow can guide viewer's eyo

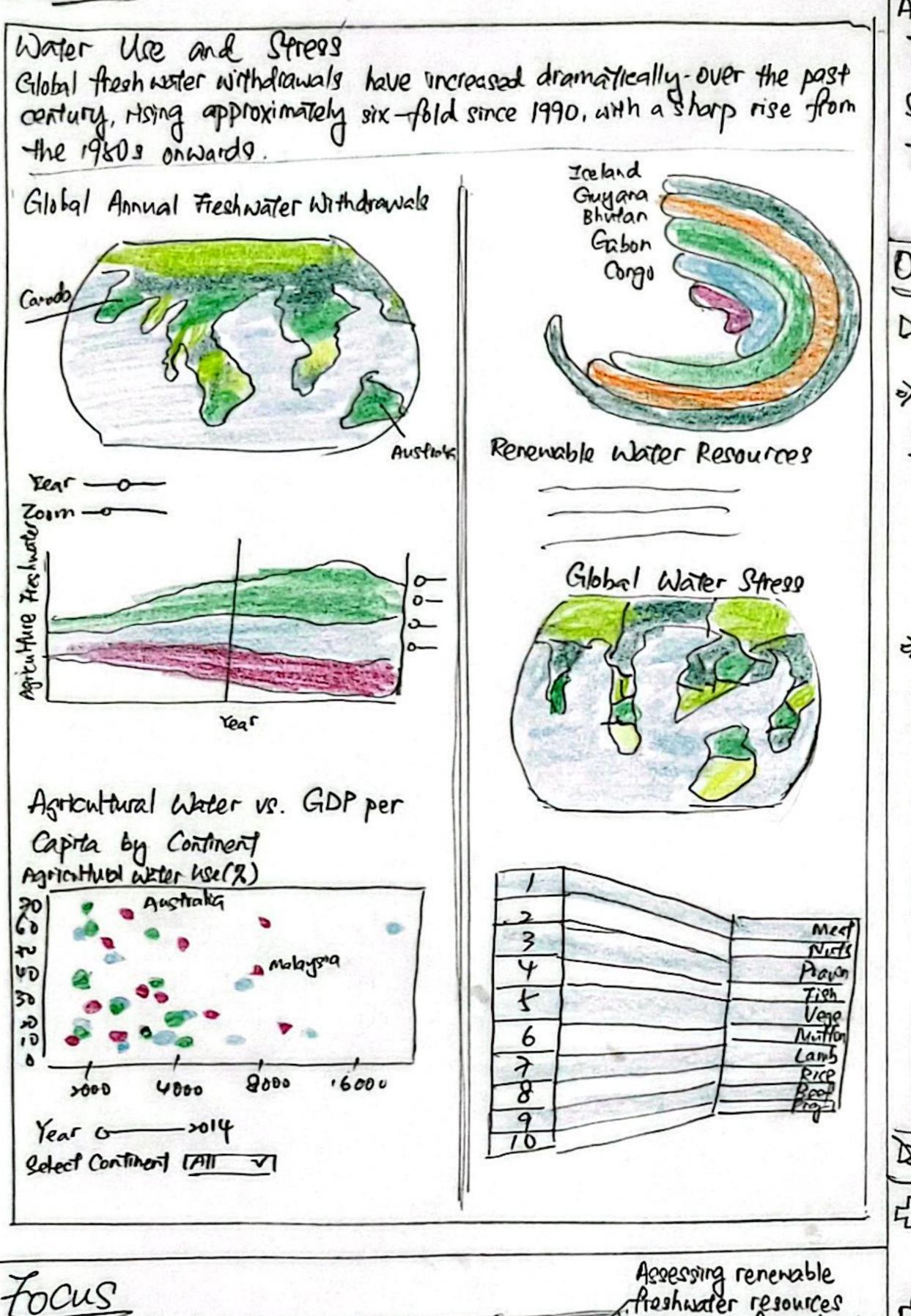
on each element and logue progression

Design Hexibility
(tasily megrated with
other design elements like
radial bar chart).

Vertical format allows for creative designs, like using different colors or icons for each idiom.

a lot of space, it could low to excessive scrolling.

= Potential Aesthetic Imbala (Loss of flow) LAYOUT



Focus Analysing floshmater use by region provide insights the sustainability of Renewable Annacl water usage pratices in water consumption. Water Freshwate Provides an overview of Highlight the critical total freehwater withdrawals situation regarding and helps to identify Water. Freshwold in different countries trends over time. Stress The majority of freshwater used for find comes The balance between Agricu Hord Noter use water usage for agriculture and the from integration. GDA for food economic output of a Capproximately 70% of global freshwater country withdrawals).

THE: Water Use and STIESS Author: Ong Chong How Date: 08/10/2024

Sheet: 3

Task: Design visualization for water topic

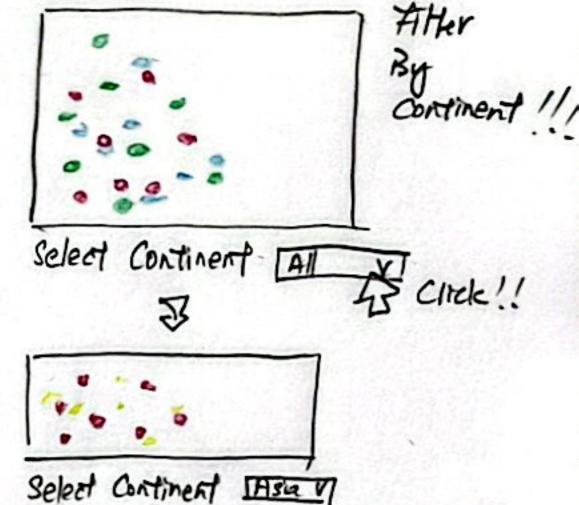
OPERATION

D1975-0->0>4

ohange in freshwater usage over the years.



Allowing users to see the magnitude of renewable water resources.



Accession

Create a balanced and symmetrical appearance, making the design aesthetically plansing.

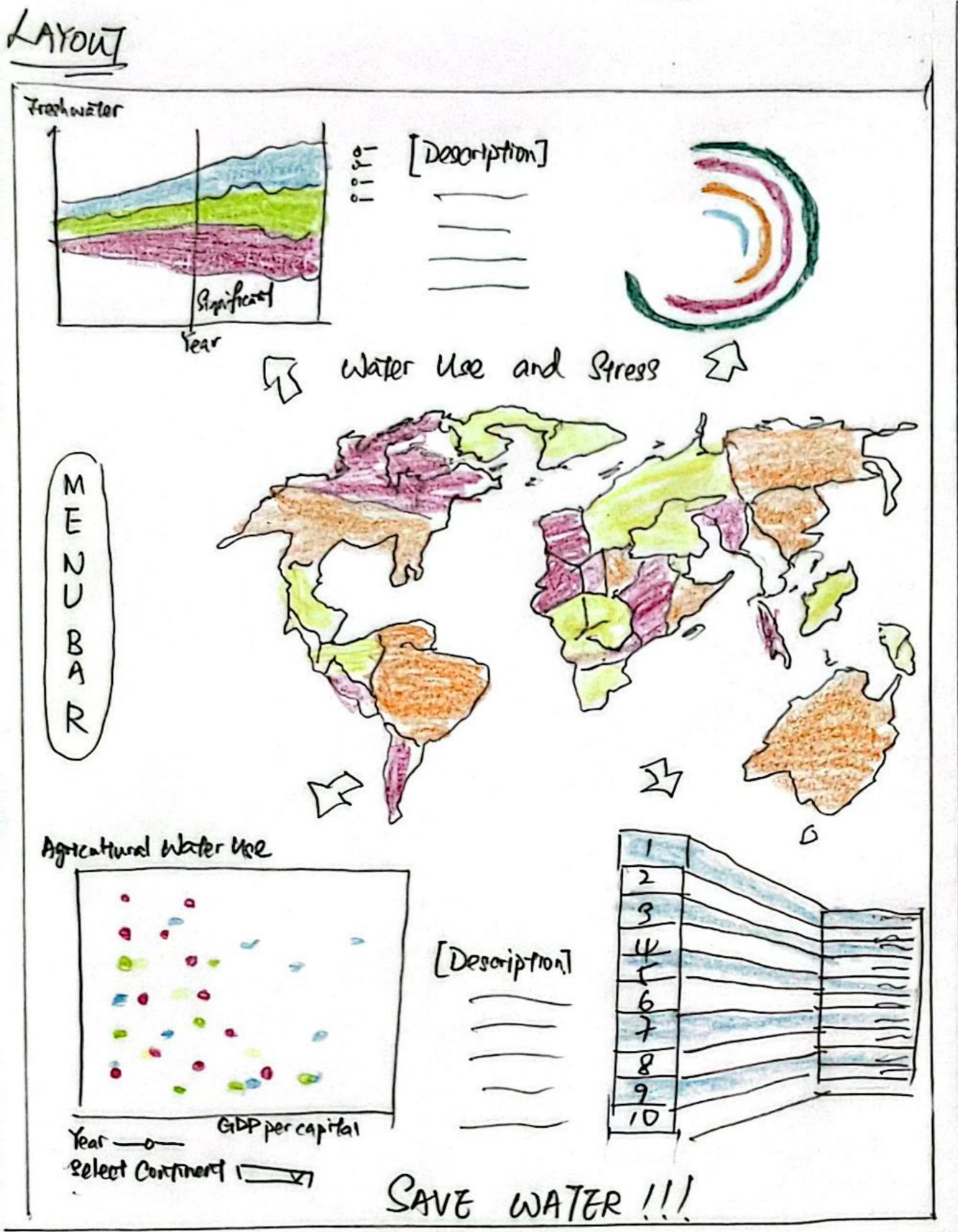
the sustainability of idioms or concepts.

1 700 much content !!! Risk of clutter especially for map!

- Loss of Emphasis and uneven distribution

- Overlapping Concept and complexity in interpretation

Different audiences may interpret the arrangement differently, potentially leading to miscommunical of key messages.



Focus

1. Intro to water use for Food

- Discuss how water is urtal resource for agriculture, food production, and food security

9. Agricultural water withdrawals

- Explain different types of intigation and their

3. Livestock and Water Use Explain that livestock requires significant water, not just for drinking but also for producing animal

4. Freshwater Resources and sustainability

- Discuss the distinction and the implications for water management.

s. Policy and technological innovations-

> - Discuss the Importance of adopting efficient irrigation practices and crops selection to reduce water use

1. Call to action.

- Summartee the key message and encourage proactive steps.

Ittle: Water Else and Stress Author. Ong Chong HOW Date: 08/10/2004 Sheet: 4 Task: Deagn Portletoned Poster about water

OPERATION

1. Alckable Infogrophics.

- User can click on to

rever additional info

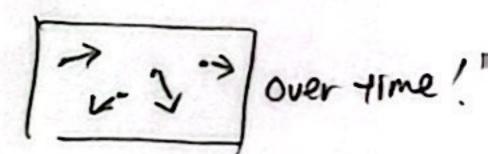


2. Hover effects

- Use to display supplementary information or fun facts

3. Animation

- Will use timer to add automated animation



DESCUSSION

It Interactive elements encourage newers to actively engage with the content

13 viewers can provide instant feedback, which can be valuable for gauging public opinion

a disjointed nametive.

1 Loss of flow

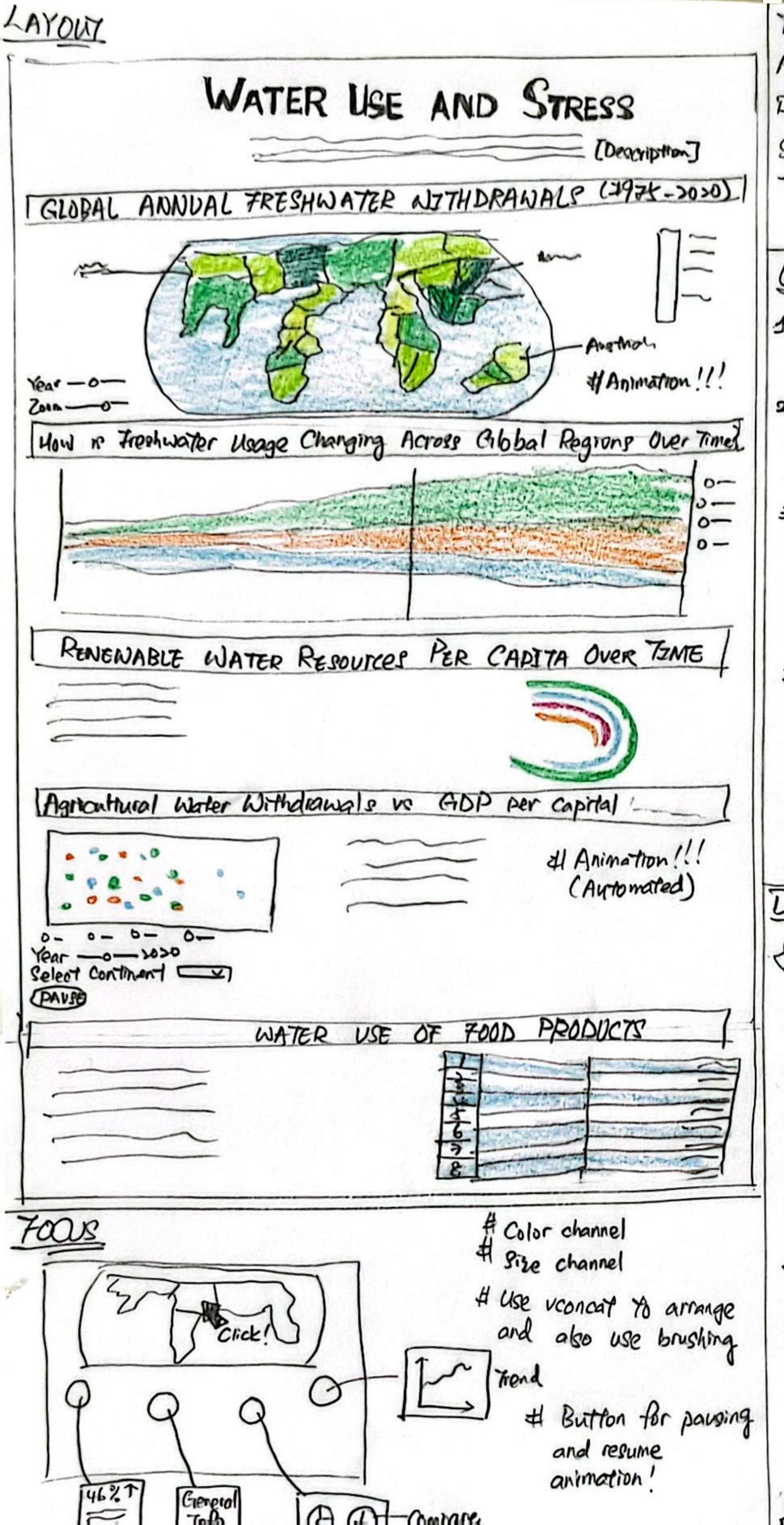
I Limited Space Content constraints, potential for clutter)

- Cognittive Overload !!!

- Difficult navigation

- Aesthetic Concerns.

- Regidity in structure



Title: Final Design Sheet Author: Ong Chong How Date: 08/10/2024

Sheet: 5 Task: Final Visualization Dashboard Dosign

OPERATION

- 1. Clear Section Titles and Heading
 - Use bold and font size.
- 2. Use of Visual Hirarchy
 - Differentiate heading, subheading and body text
- 3. Integrated Graphics and Images:

Use relevant graphics, charts and images to complement in text.

Interaction:

- Hover effect
- ar code if possible
- Interactive Polls
- -Teedback section?
- -Interactive Map -Gamification Elements

DETAIL

- @ Front End tech
 - HTML
 - Structure the content
 - -Organize different sections
 - C83
 - style the poster for appealing design
 - Java sorpt
 - Add interactivity to the
 - @ Back-End tech
 - -Node, jo -AJS runtime for building
 - Libraties
 - -Vega-Litte # Ensure screen -D3.jg size?!
 - Chart is
- DI week to finish all visualization