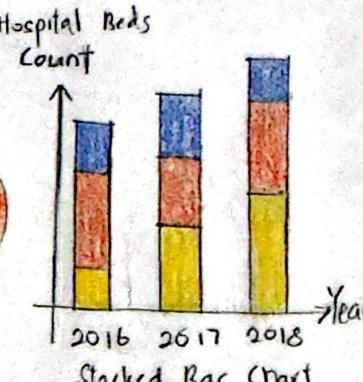
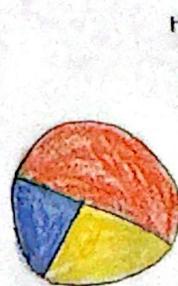
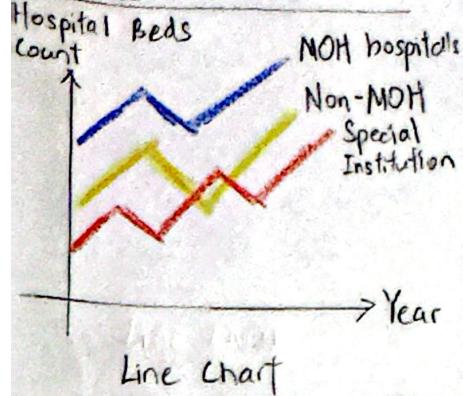
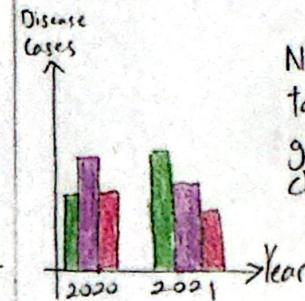
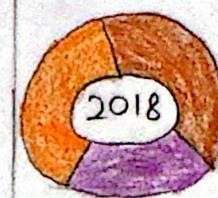


IDEAS

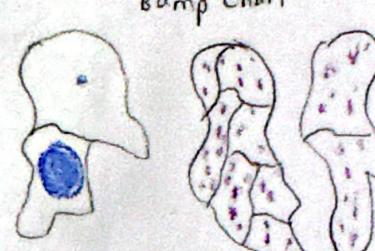
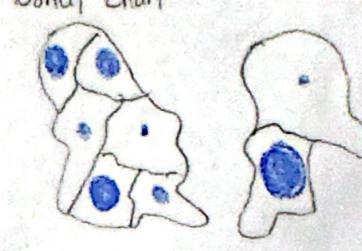
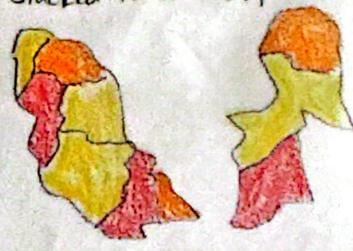
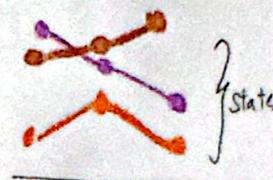
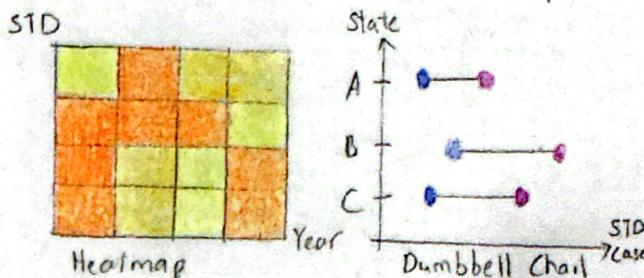
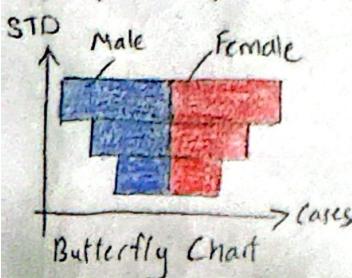
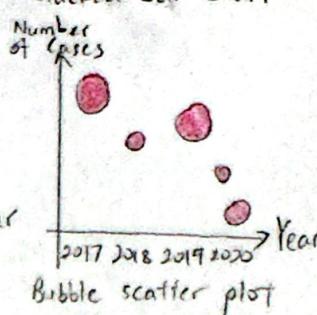
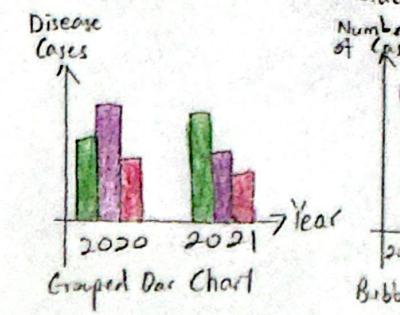
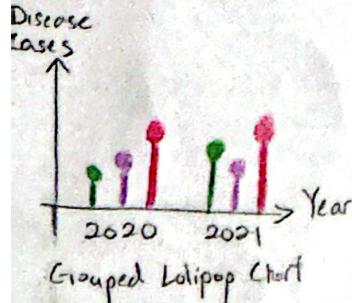


FILTER

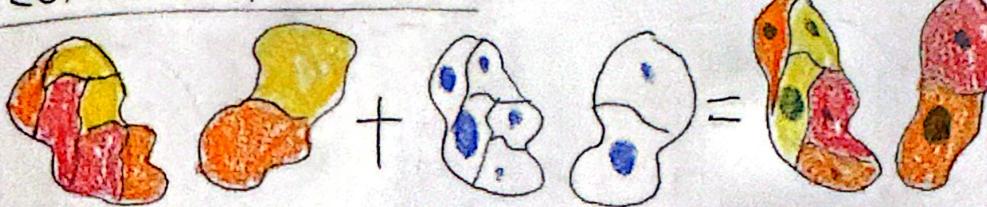
Not suitable as difficult to compare segment if sizes are similar



Not suitable as too similar to grouped lollipop chart.



COMBINE & REFINER

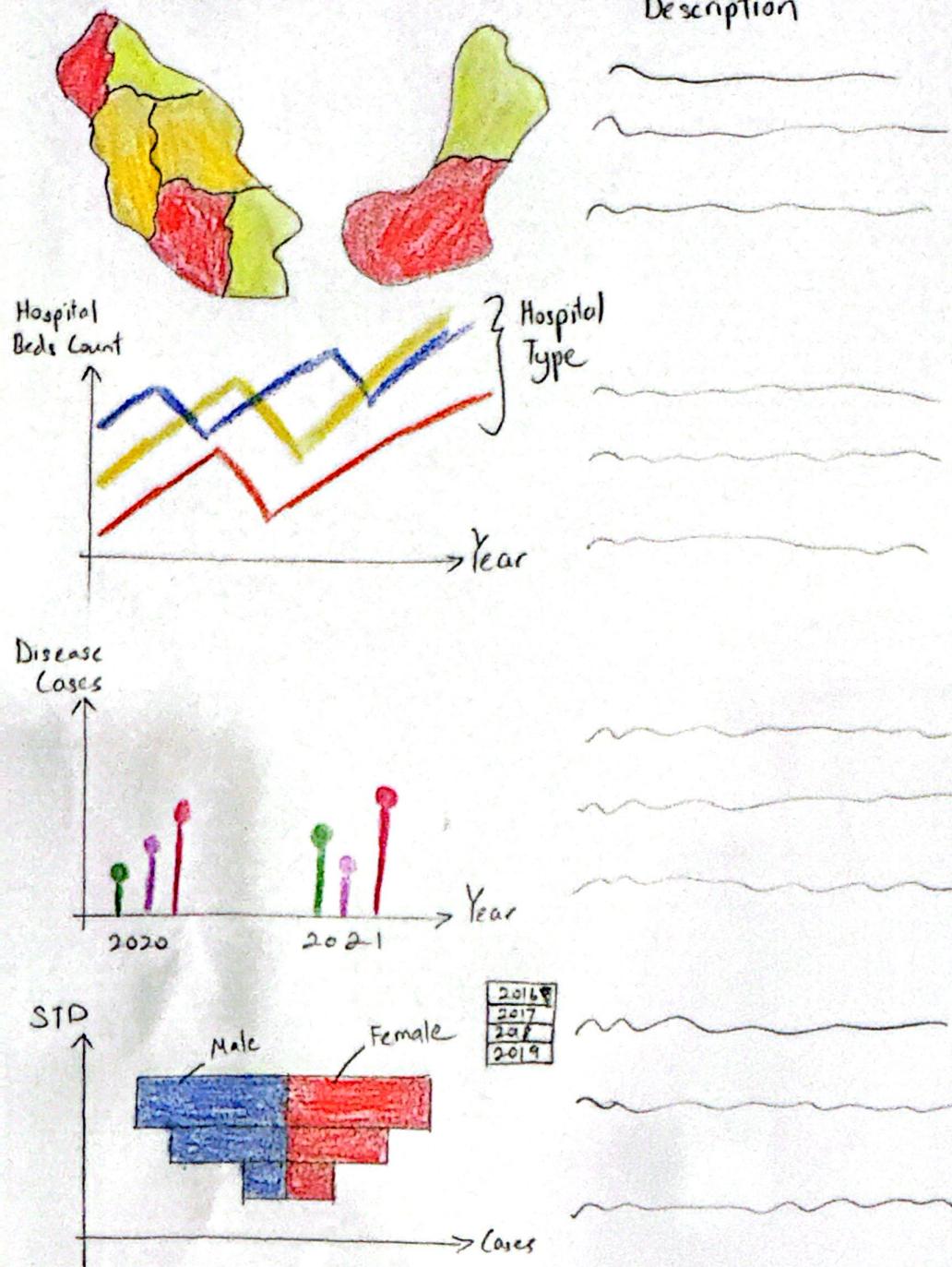


Combine the choropleth map and proportional symbol map.

QUESTION

1. Does the visualisation tell a clear story?
2. Is this visualisation executable?

LAYOUT



Author: Samkiet Phromsuwa
Date: 13/10/2025

Sheet: 2

Task: Vertical Narrative Layout

OPERATION



Tooltip that shows info when the cursor is hovered over.

2016 ▾
2017
2018
2019
2020
2021

Year filter that allows user to view data of a specific time

DISCUSSION

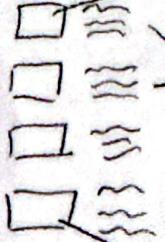
Advantages:

- 1) The idioms are arranged neatly.
- 2) Focus on one chart at a time.

Disadvantages:

- 1) Can feel long if not segmented with dividers.

FOCUS



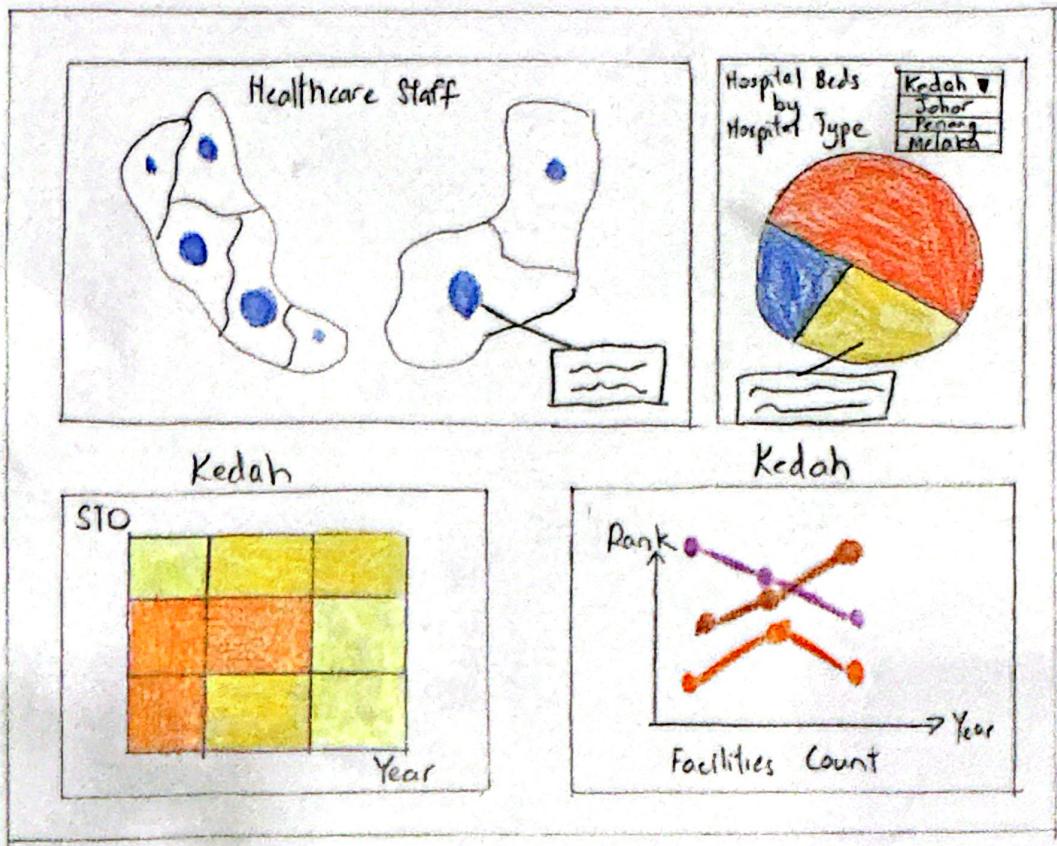
General Overview

Description to explain insights

Detailed Information

Top to bottom reading
Follow the flow of intended order.

LAYOUT



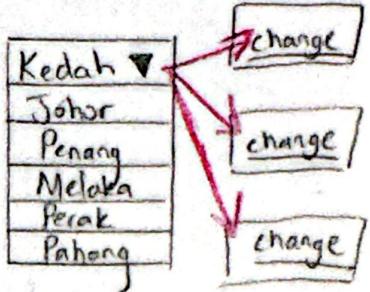
Author: Somkiat Phromsuvan

Date: 13/10/2025

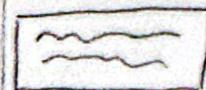
Sheet: 3

Task: Dashboard View

OPERATION

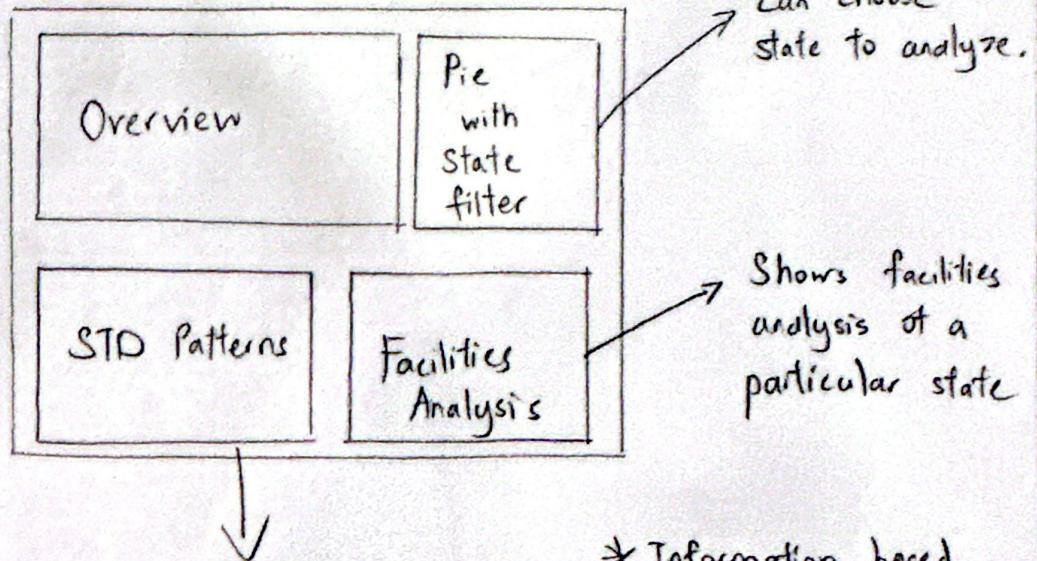


A state filter that also make changes to other charts.



Indicates vital information or idiom as annotations

FOCUS



Can choose state to analyze.

Shows facilities analysis of a particular state

Show STD Patterns of a particular state

* Information based on a particular state chosen.

DISCUSSION

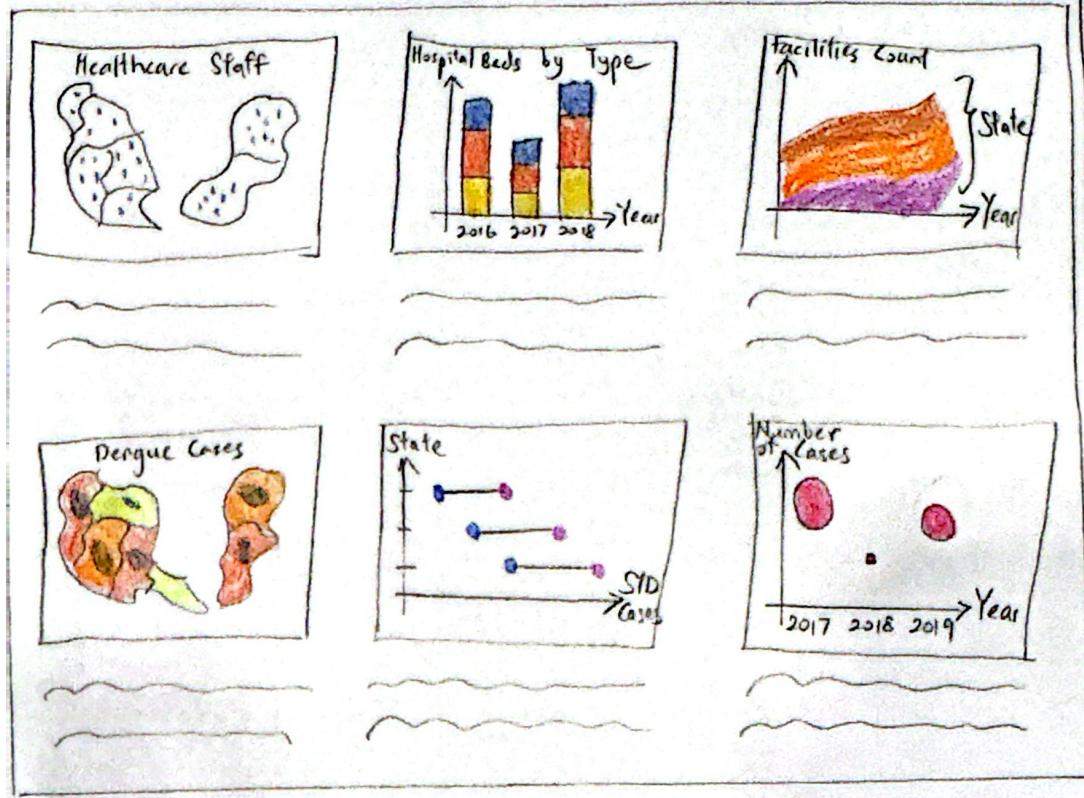
Advantages:

1) Detailed analysis on a specific state

Disadvantages:

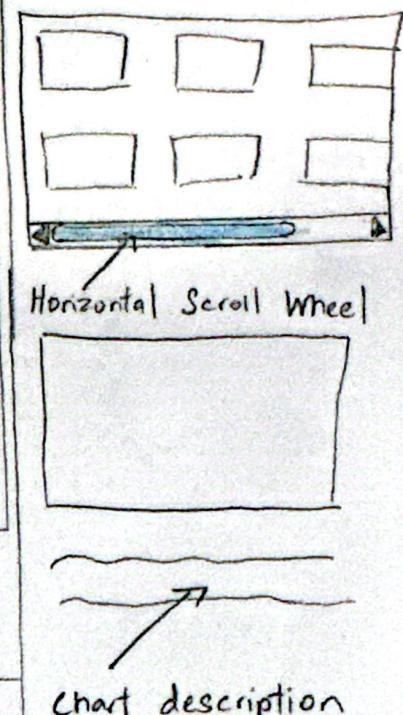
1) Hard to compare between states.

LAYOUT



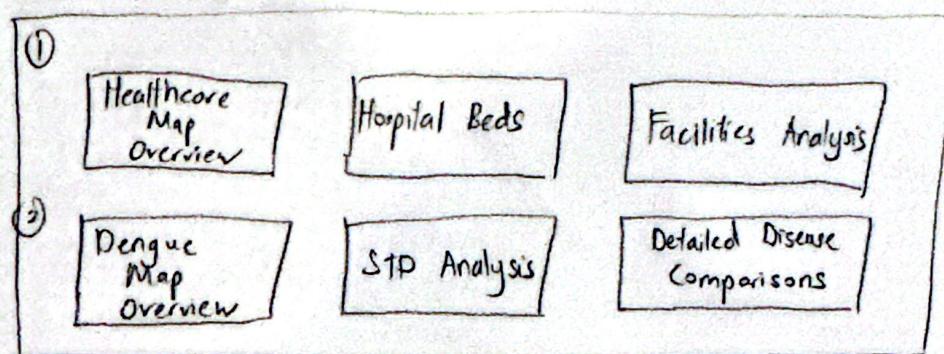
Author: Somkiet Phromsuvan
Date : 13/10/2025
Sheet : 4
Task : Horizontal Layout

OPERATION



FOCUS

Horizontal Layout → Reader reads from left to right



- Reader reads general map overview data first before diving into more detailed analysis.

DISCUSSION

Advantages:

- 1) natural reading flow - start broad, go deeper

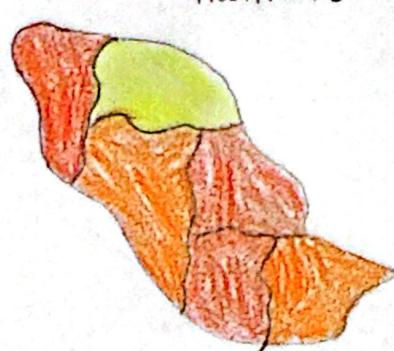
Disadvantages:

- 1) Harder to compare charts
- 2) Viewer needs to scroll a lot.

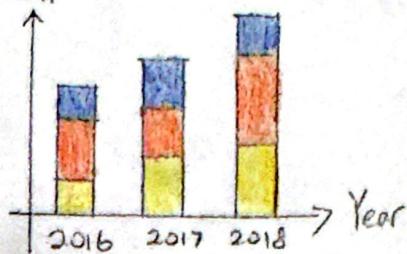
LAYOUT

MAIN TITLE

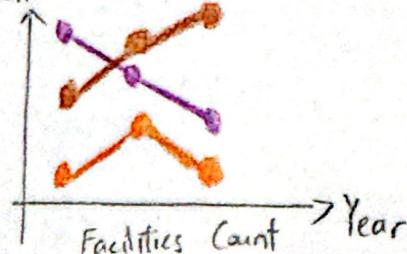
Section Title
Healthcare Staff



Hospital Beds
Count



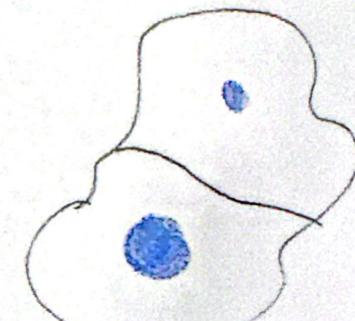
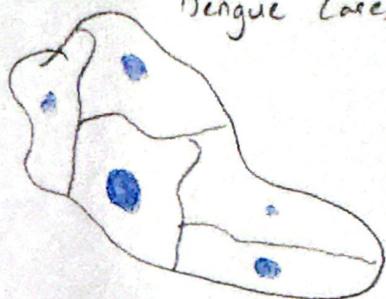
Rank



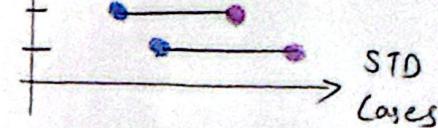
Section Title

Dengue Cases

Disease Cases



State



DETAILS

- 1) Vega-Lite, HTML, Excel used for data cleaning and website development.
- 2) 5 days for idiom creation and 3 days for design completion.
- 3) Need high RAM Usage for decent processing in Vega-Lite.

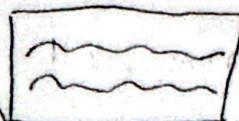
Author: Somkiet Phromsuwan

Date: 13/10/2025

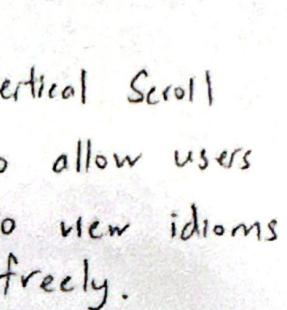
Sheet: 5

Task: Final Design Sheet

OPERATION



Hover over idiom elements for tooltip interactions.



Vertical Scroll to allow users to view idioms freely.

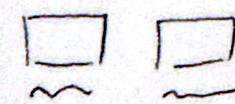
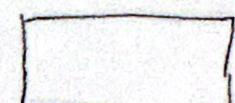
FOCUS

Section Title

Poster is broken down into sections for better storytelling

Section Title

Top-down narrative flow



Every chart is paired with description to enhance viewer's reading experience.