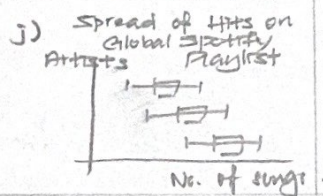
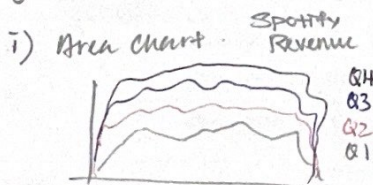
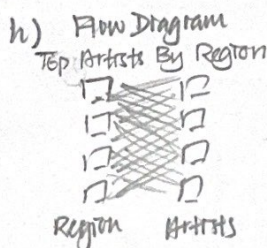
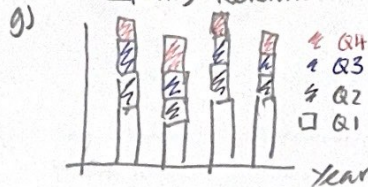
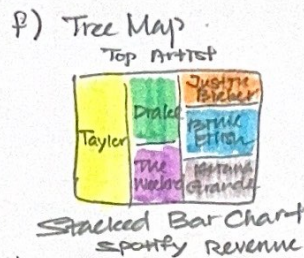
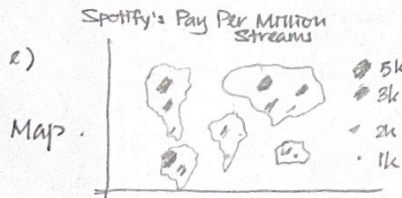
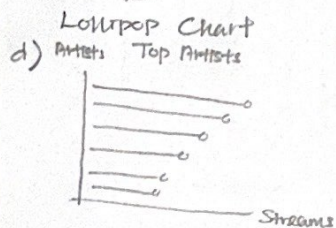
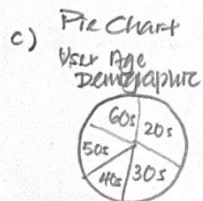
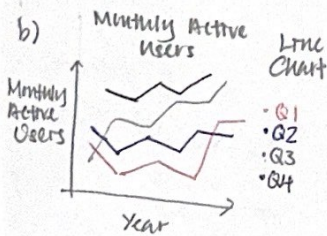
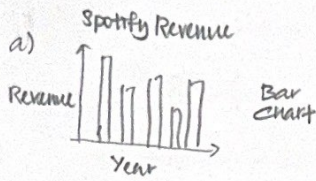
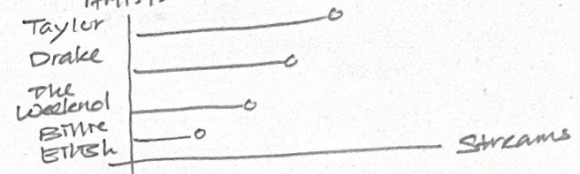


1. IDEAS



2. FILTER

a) Top Artists using lollipop charts shows data clearer.



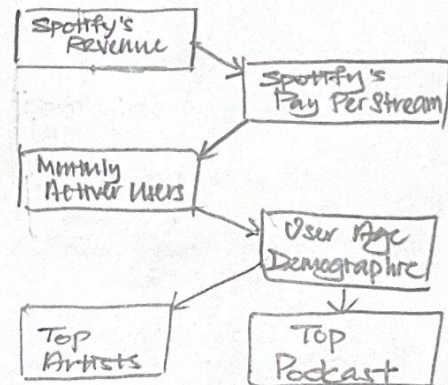
b) User Age Demographic



Use Legend!
Use color visual channel!

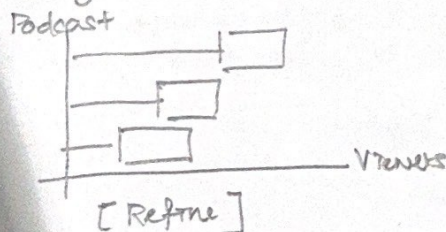
20s
30s
40s
50s

3. CATEGORISE

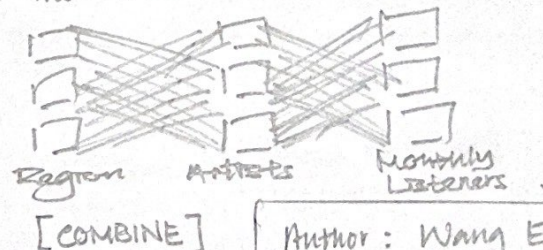


4. COMBINE AND REFINE

a) Head of lollipop is change to logo of podcast.



b) Sankey Diagram can be extended to 2 layers showing top artists by region & their total monthly listeners on Spotify

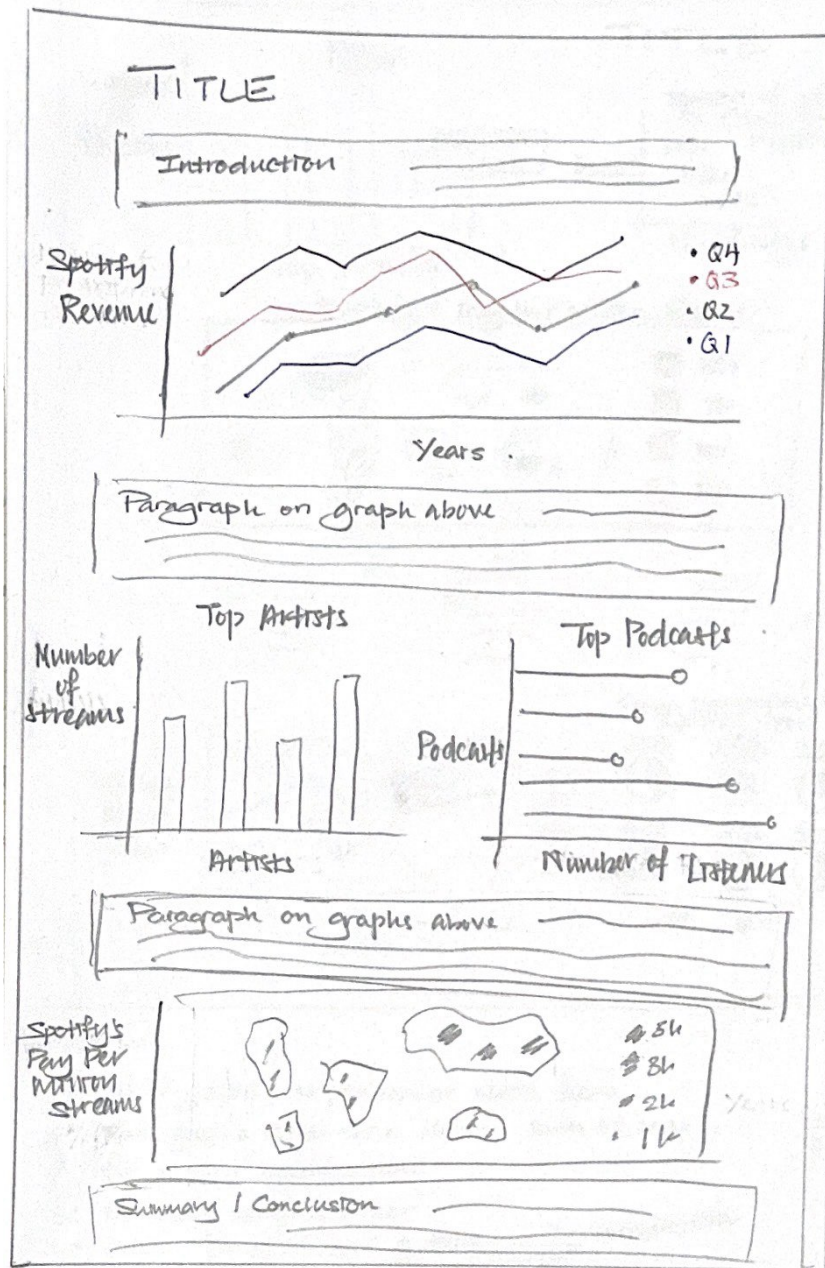


5. QUESTIONS

- Do the visualisations tell a clear story?
- Is there enough information?
- Order of visualisation?
- Are the visualisations captivating & easy to understand for readers?
- Does sankey diagram have a flow?

Author: Wang Eugene
Date: 13/10/2024
Sheet: 1
Task: Visualisation Planning

LAYOUT



Focus

- ensure there is a clear & smooth flow of storyline
- texts introduce, explain & summarise graphs
- each different category is divided into its own section



should be text → graph → text
→ graph format,
like reading a newspaper/
magazine.

reading order is clear as you
scroll down.

TITLE: Spotify Data Magazine

Author: Wang Eugene

Date: 13/10/2024

Sheet: 2

Task: Design a story-telling
scrollable "blog page"
magazine.

OPERATION

The whole layout don't hv to fit
one screen page, readers able
to scroll down



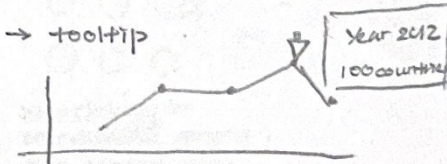
Scroll
Feature!

↓ scroll
down



& so on.

→ tooltip



Graphs are interactive, shows
more information when you hover
above them.

More... (circle icon)
clicking more on text will allow
more elaboration on certain
topics.

DISCUSSIONS:

Pros:

- clear reading order
- often clear storyline.
- cohesive

Cons:

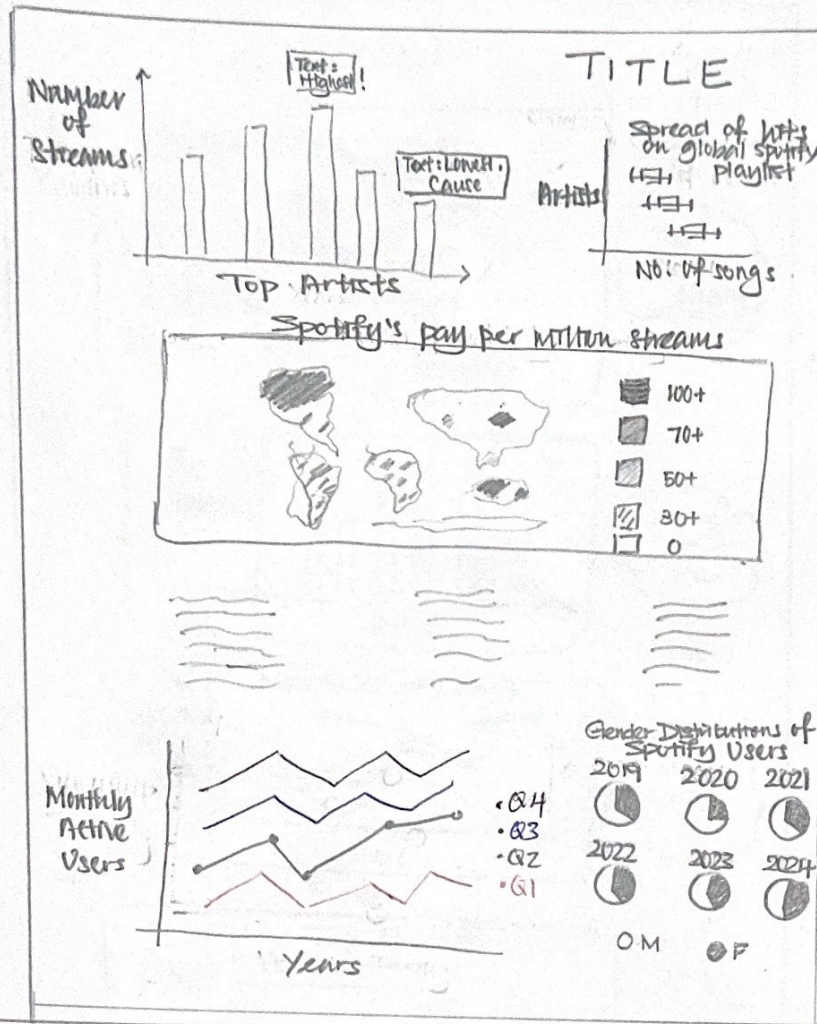
- might be boring
- layout needs to be well-organised
- spacings are important.

→ how to make it interesting?

→ which graph should come
first? which last?

→ target audience?

LAYOUT

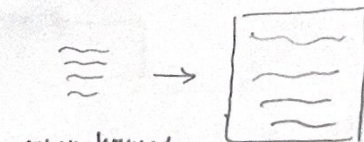
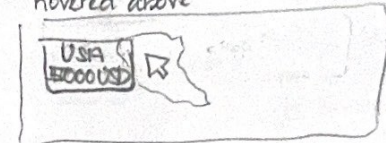


TITLE: Partitioned Poster of Spotify Data
 AUTHOR: Wang Eugene
 DATE: 13/10/2024
 SHEET: 3

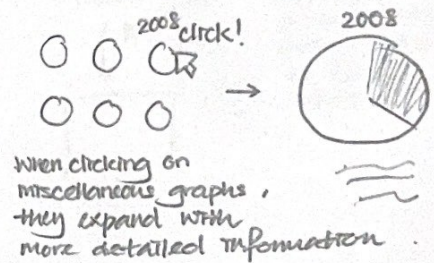
TASK: Design an infographic poster

OPERATION

For the map, it shows name of country & pay per million streams when hovered above

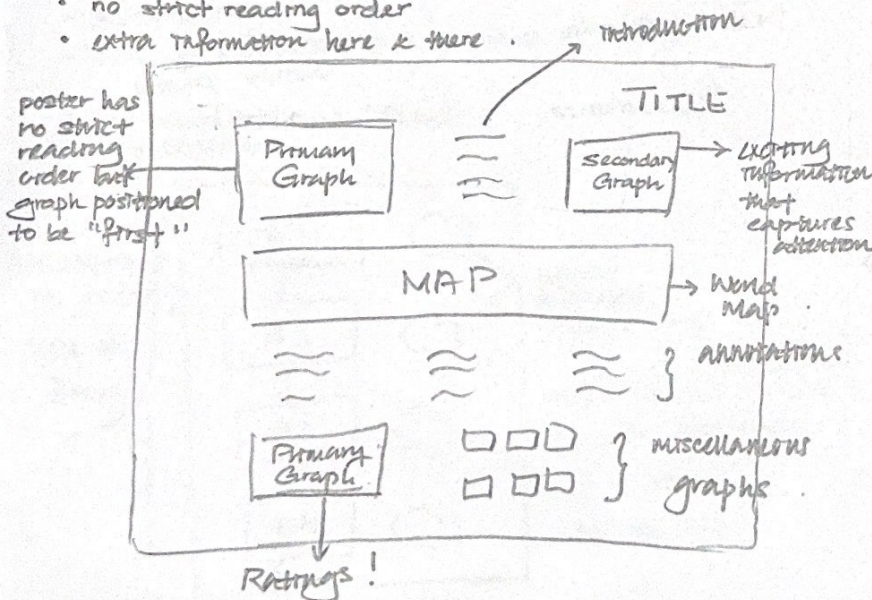


when clicking on miscellaneous graphs, they expand with more detailed information



FOCUS

- lots of graphs, no particular main focus
- some graphs larger than others, such as map, for clearer visualisation
- no strict reading order
- extra information here & there



DISCUSSION

PROS:

- can fit a lot of information
- posters are often attractive, can engage readers
- no strict layout, easy to implement

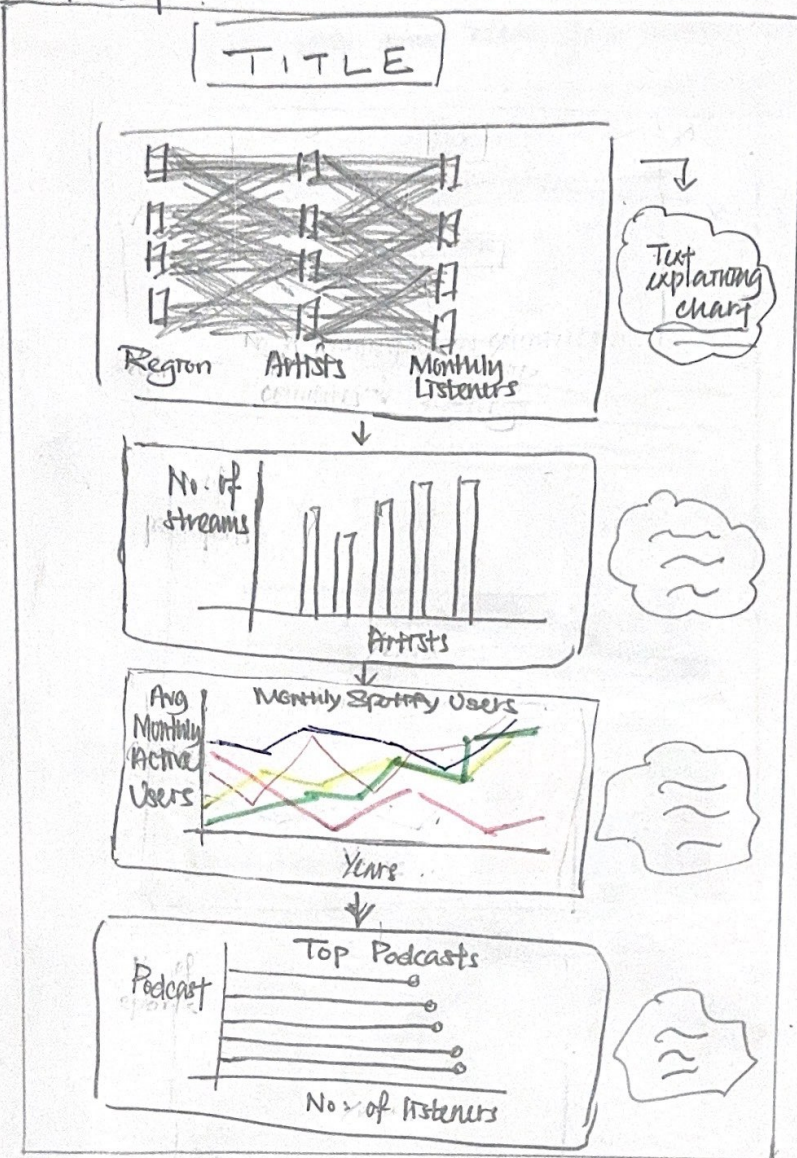
CONS:

- might be "info dumping"
- readers may not know where to read first
- might be "messy" for some readers

→ how to find a balance between casual layout with no strict reading order and not being messy?

→ how much information is too much?

LAYOUT



TITLE: Spotify Data Presentation

AUTHOR: Wang Eugene

Date: 13/10/2024

Sheet: 4

Task: Slide-show like presentation design

OPERATION

click!

click & expand!
when clicking on a chart, it'll expand.



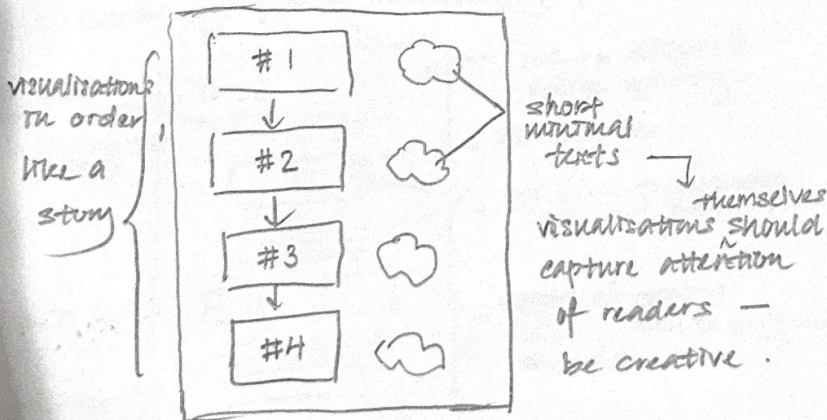
when clicking on the arrows, it'll bring you to the next chart

click!

when clicking texts, "bubbles" expand with more detailed information

FOCUS

- storytelling
- flow of visualisations, make sure the order makes sense
- let visualisations "speak", minimal annotations



DISCUSSION

Pros:

- interesting - full of visualisations
- - storylike
- clear order
- aesthetically pleasing

Cons

- a more informal approach
- story might not be clear
- sequence might be confusing

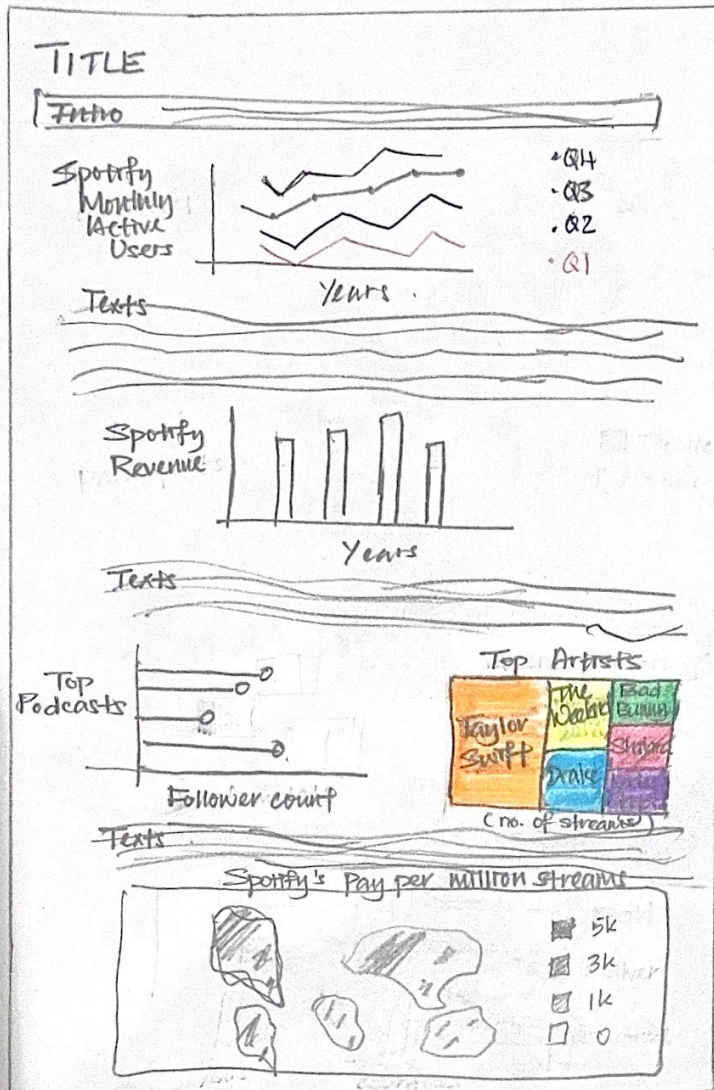
→ Can minimal texts convey the message?

→ Which graph should come first? Last?

→ How to constantly capture attention of readers with charts?

LAYOUT

Based on sheet 2, with some ideas from sheets 3 & 4.



TITLE: Final Design Sheet

AUTHOR: Wang Eugene

DATE: 13/10/2024

SHEET: 5

Task: Design Final Layout

OPERATION

Select / Filter by countries

- by number of countries
- by ticking with multi-select filters

<input checked="" type="checkbox"/>	US
<input type="checkbox"/>	Malaysia
<input type="checkbox"/>	Australia

Search Bars

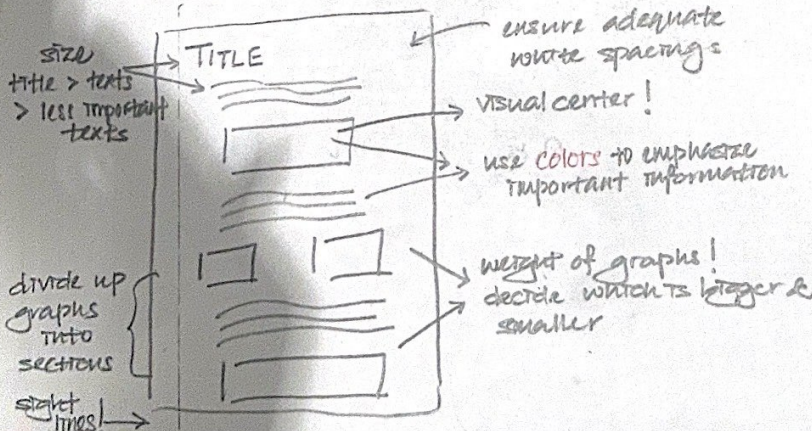
← Countries
Olympic
Jamaica

Tooltips on each graph

- Artist:
- Streams:
- option to switch legends on & off to avoid screen obstruction

FOCUS

- ensure there's a clear & smooth flow of storyline
- use texts & annotations to introduce, explain, compare & summarise graphs
- section graphs - like paragraphs!



DETAILS

- Using Vega-lite to generate graphs from .csv files & HTML to compile & make a web page
- Estimate Time: 6 days
 - 1 day for finding data
 - 1 day for 5 design sheets
 - 1 day for map visualisation
 - 1 day for all other visualisation on vega-lite
 - 1 day for HTML
 - 1 day for final touch-ups
- Texts & annotations from various sources that will be credited
- source & credits stated