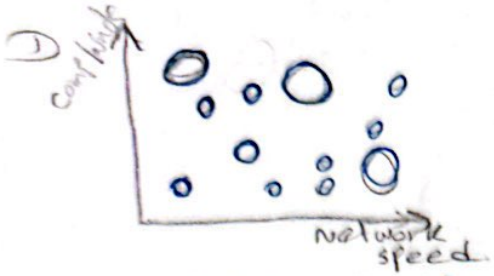
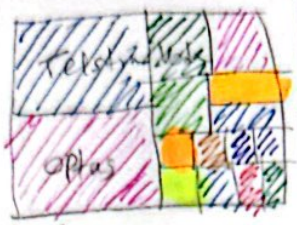
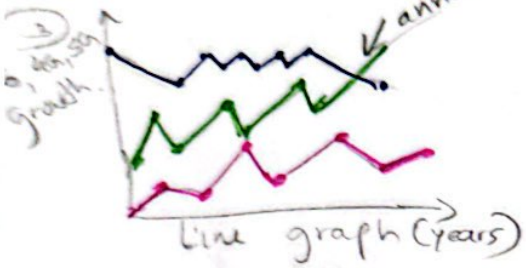
1) Ideas

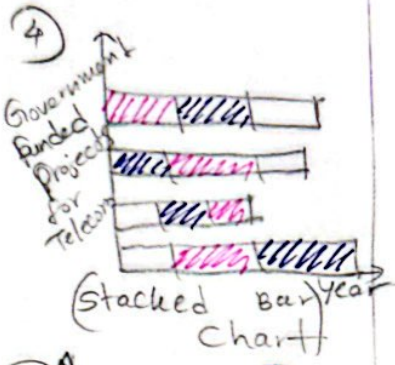


(Bubble Chart)

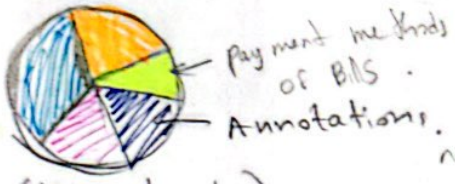


(Tree map)
(key players)

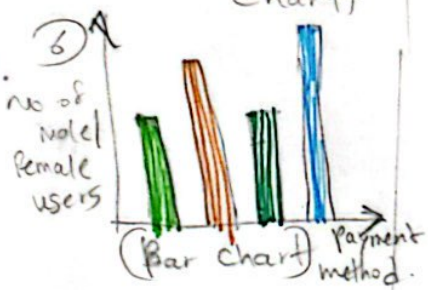




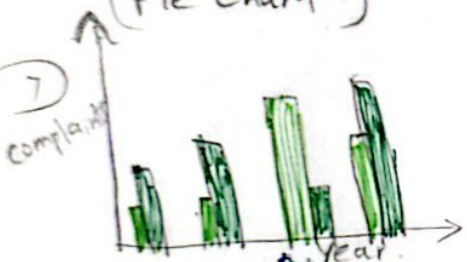
(Stacked Bar Chart)



(Pie chart.)

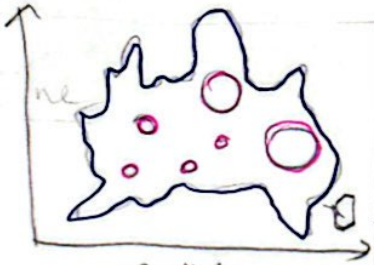


(Bar Chart)



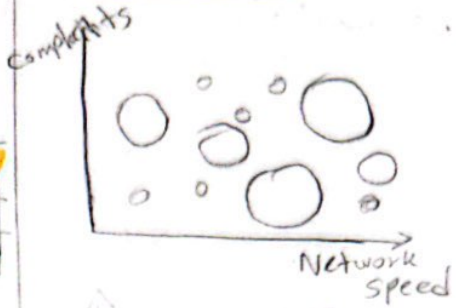
(grouped Chart)

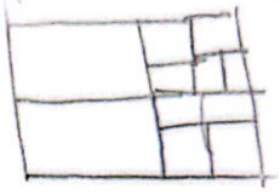
Chrolopath Map.



Bubble Map

2) Filter

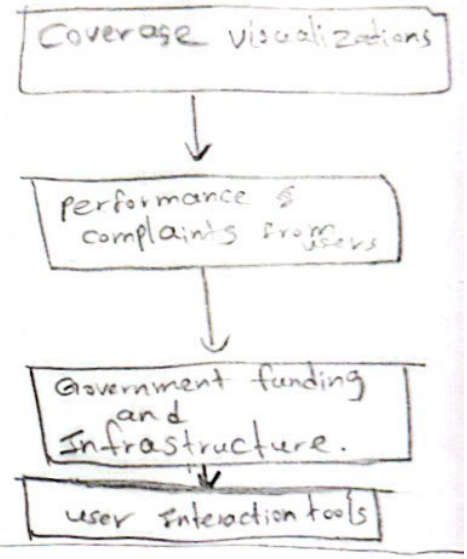




Treep map

stacked Bar chart

3) Categorize



4) Combine & Refine

* chrolopath map & Bubble map can combine into one map only show the complaints from users by states.

* Incorporate dynamic aquery filters to allow users to explore both network & government investments by region.

5) Questions.

* Do these visualisations answer the key reseich questions around Australia's telecom growth & user satisfaction?
* will client be able to understand and navigate the interactive elements.
* Does this vis tell a story.
* Are multiple views needed?

Scanned with CamScanner

Title :- Australia's Telecom sectors

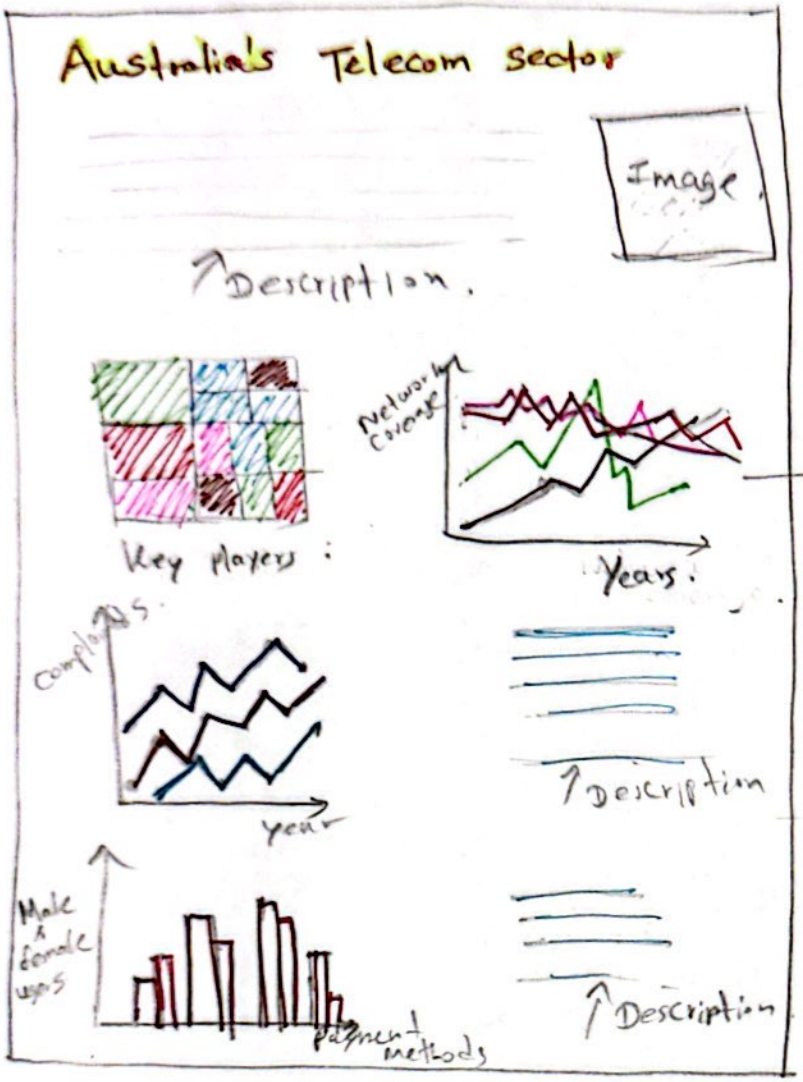
Author :- Seneha Ranaweera

Date :- 13/10/2024

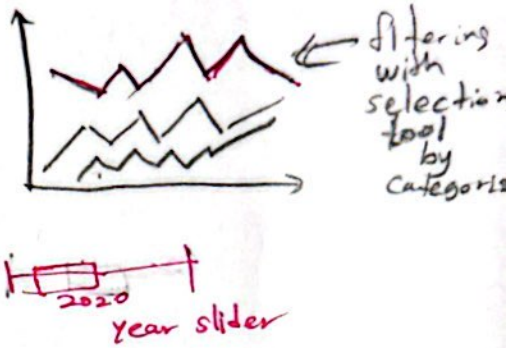
Sheet :- 2

Task :- FIT 3179 Assignment 2

Layout



operations



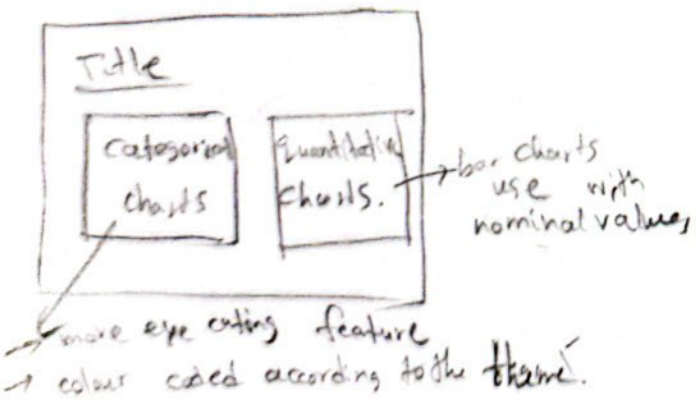
Discussions

* Too much information in one page.
* Less engagement with users.
* Tree map may be not giv important infomation to use
* Is the information good enough ?
* html page is not enough for all the information.

Focus

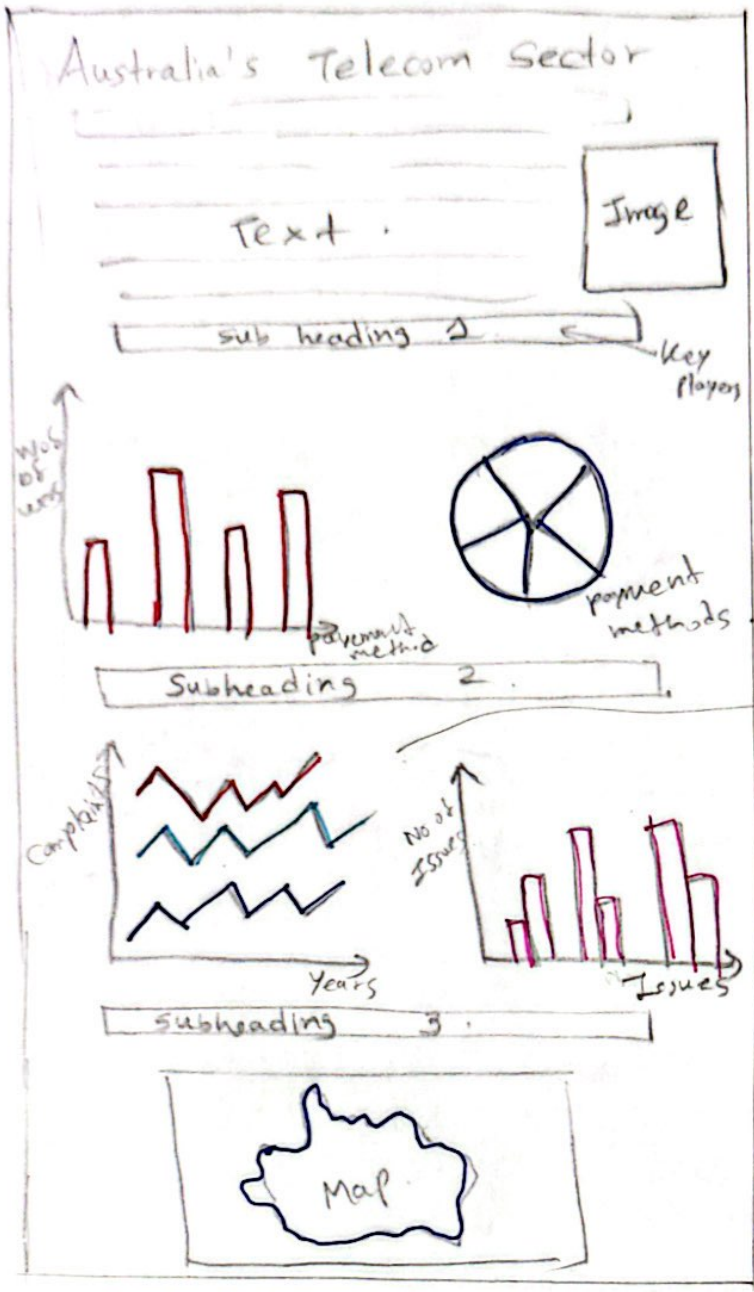
* No main focus, all graphs are important.

*

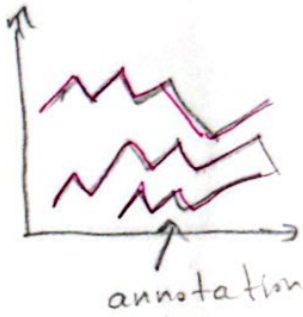


Title :- Australia's Telecom sectors.
Author :- Seneha Ranaweera.
Date :- 13/10/2024
Sheet :- sheet 3
Task :- FIT 3179 Assignment

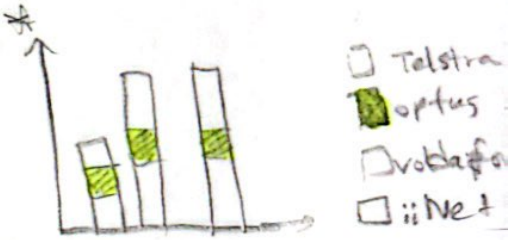
Layout



Operation



* Whenever mouse over the data point/line etc. for tooltip to show.



Focus

* The map focuses on visualizing the complaints getting from users in network infrastructure.
* coloured by different states. and data will be normalized according to population.
* When a user click on a specific state, a tooltip apper and showing more information.

Discussion

* Layout Needs to be well-thought out (sight lines, white space) otherwise can be a bit messy.
* spacing not good → small, multiple?
* filtering is difficult to create & time consuming.
* good user interaction
* creates a clear story with sections well defined.

Scanned with CamScanner

Layout

Title :- Australia's Telecom sector

Author :- Seneha Ranaweera

Date :- 13/10/2024

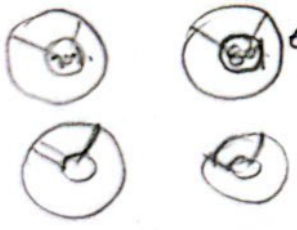
Task :- FIT 3179 Assignment.

Sheet :- 4.

operations

* Filter by Telecommunicati mode
  → either click on the line or drop down menu.
  → The line graph only changes but rest of page stays the sam
* Search bar.
  → user can type in the name of the sub heading they are interacted in
  → user can take straightly navigate to the relevant section.
* Tooltips
  → Hover over the line gra
  → Hover over map.

Focus



← the proportion of users reporting positive outcomes. with clear percentage markers.

donut charts

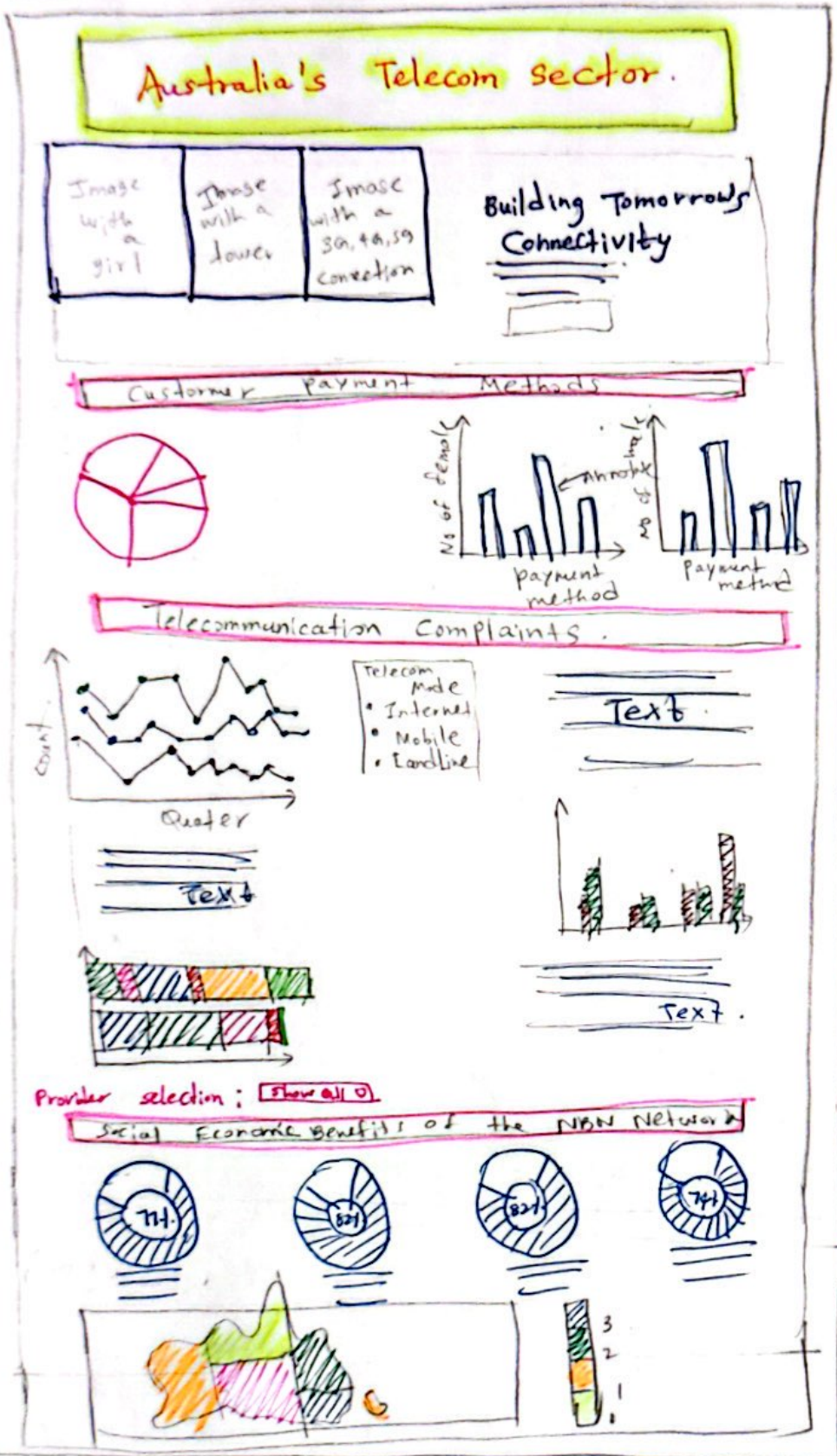
← some text here for the user information

Discussion

* The information about the Telecom sector well enough?
* some user interaction feat is good to use.
* aesthetically appealing
* Is the structure bit messy?
* creating a map is bit unclear
* Less white spaces & site lines.

Scanned with CamScanner

Layout



Title :- Australia's Telecom sectors

Author :- Seneha Ranaweera

Sheet :- 5

Task :- FIT 9179 Assignment 2

Date :- 13/10/2024.

Operations

hover over graphs They display more info about graphs.

* can also filer by clicking on the line Chart.

*

Details.

* using html, CSS, JS
* Database Implemented using Microsoft - Excel
* Time to build - 2 weeks
* There is more than 8 graphs/charts need a larger visualisation page split into 2 parts and white spaces/ sight lines

Focus

* All graphs are equally important & clear formatting
* use interactive features to Annotate charts to users.
* trying to add more idioms while ensuring with clear formatting and use marks, channels and [illegible] that user's ability to understand