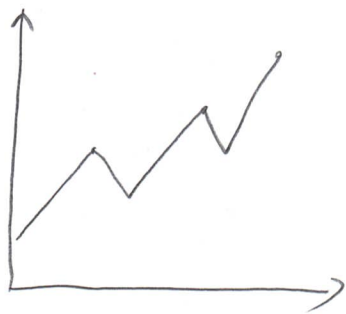
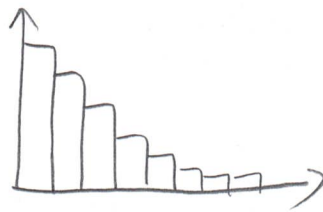


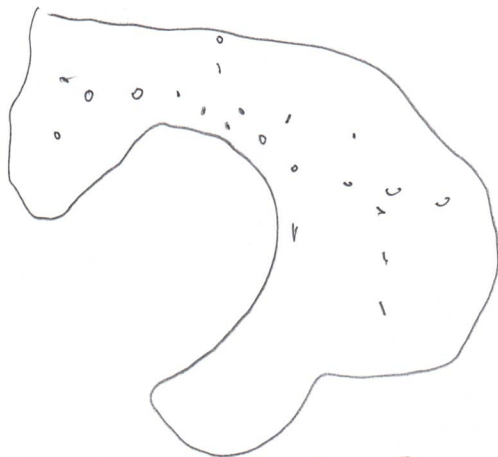
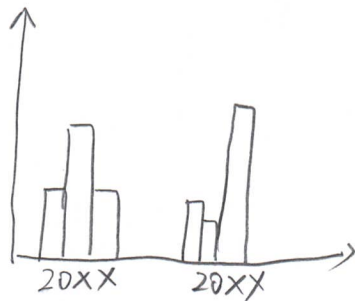
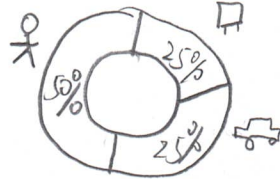
IDEAS



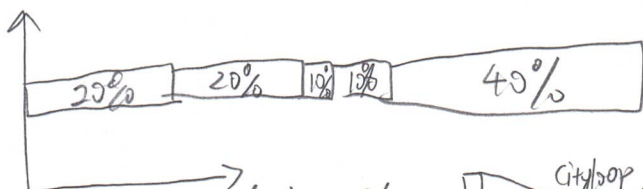
Trends for ridership.



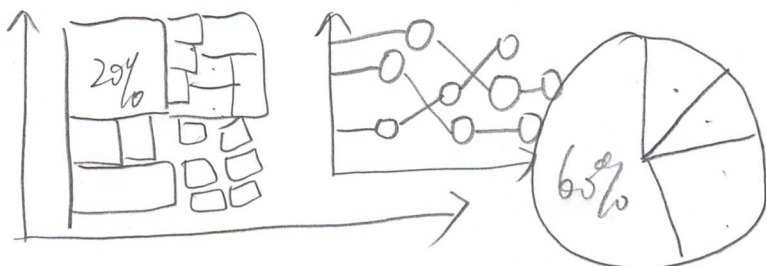
Mode of transport



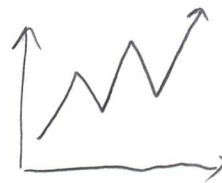
Different lines users can select



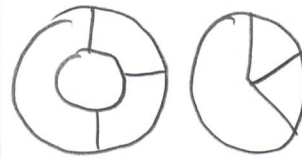
Specific line ridership %.



Filter



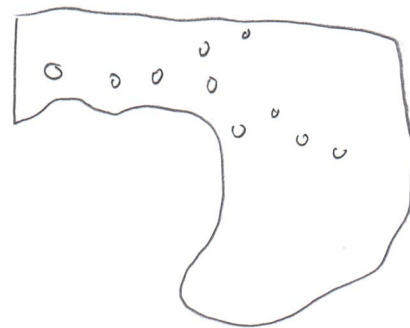
Simplist way to show trends.



Best to show proportion



easy comparison.



visualise station on map

Categorise

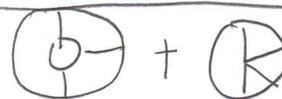
ridership trend overall

localise busy stations

Insight into CBD

Insight & compare specific lines

Combine & Refine



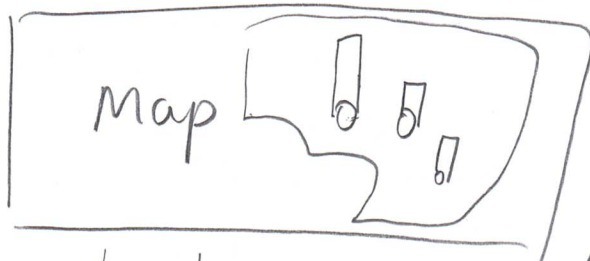
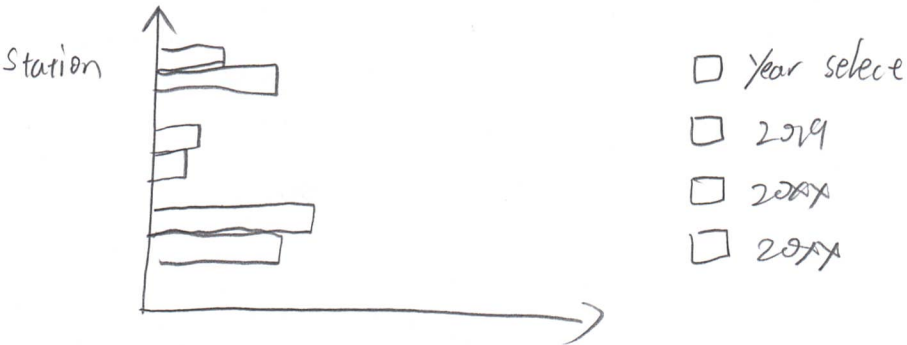
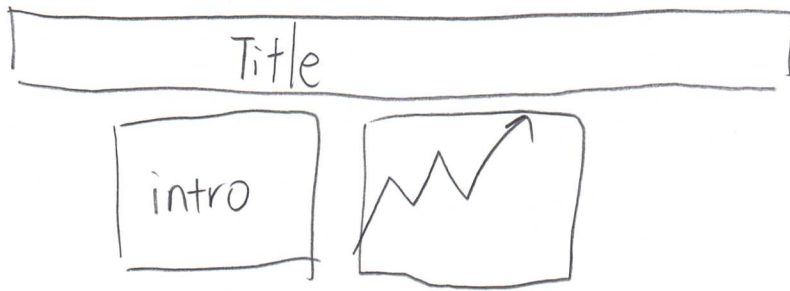
Group into one as both show the same.

Map will incorporate some form to show ridership data, maybe colours.

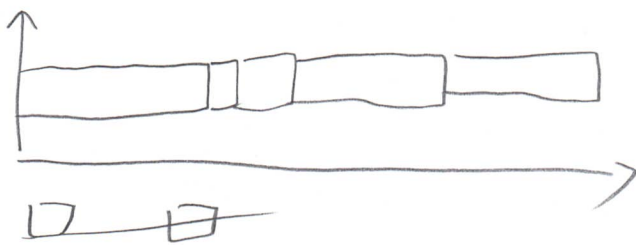
Questions

- ~~Does~~ what story can these viz tell and does it do a good job?
- Multiple maps maybe?

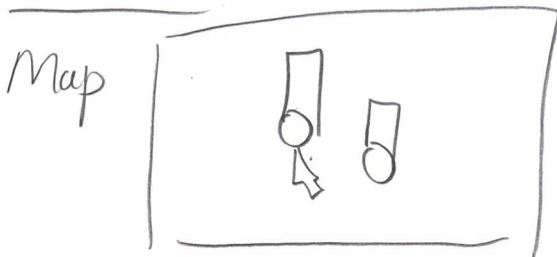
Lay out



* Use ~~histo~~ bar at station to indicate ridership



focus



when user
hover above
station
detailed tooltips



Title: Melbourne's Busiest
train stations

Author: John Zhang

Date: 14/10/2024

Sheet: 2

Task: Fit3179 Assign 2 SDS

Operations

when users click on
year select, bar chart
will update. ~~respec~~

Map + stacked bar chart
too

Discussion

- Not enough story
telling elements.
readers kinda have to
try to link together.

- Might not be the
best to gauge difference
between station as
height would be different.

Lay out

Title.

Intro



← ridership over the years.

more text

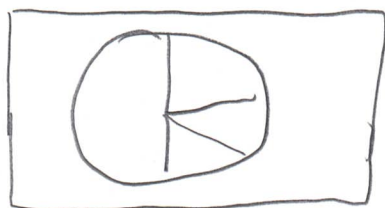
sub title.

Map



Busyness is encoded with circle size.

line select

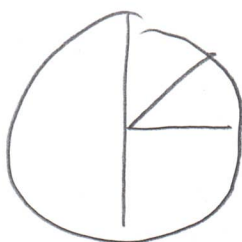
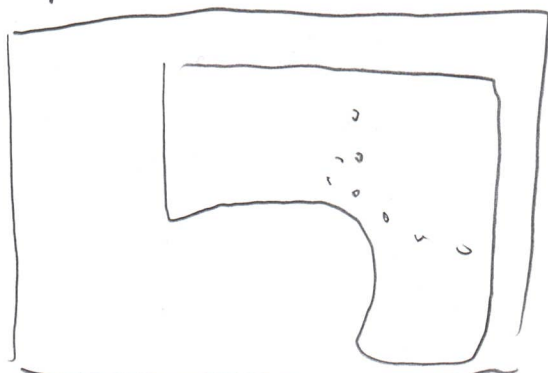


text.

focus

Map + pie

Map will update in real time with check boxes



☒ ☒ ☐ ☐

Title: Melbourne's Busiest Metropolitan Stations.

Author: John Zhang.

Date: 14/10/2024

Sheet = 3

Task: Fit3179 Ass2
5DS

Operations

When user select different lines map & pie will update



☒ ☒



=>



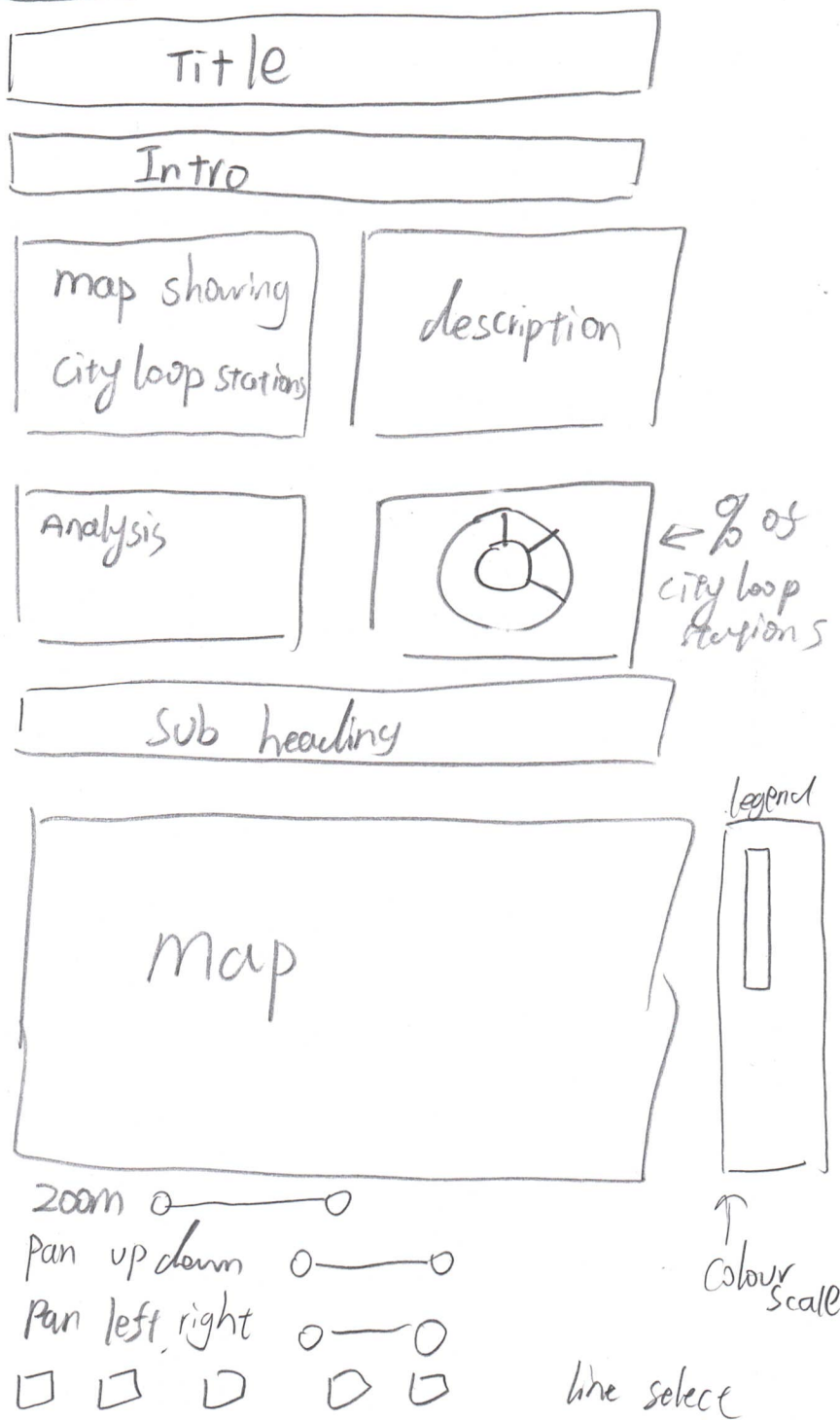
☒ ☐



Discussion

- Lay out of map check boxes important.
- User can make their own analysis on lines.
- Are both viz methods overlapping?

Lay out



focus

everything but i guess more towards map

Added more interactivity compared to previous sheets.

Title: where are Melbourneans going?

Author: John Zhang

Date: 14/10/2024

Sheet: 4th

Task: Fit 3179 Viz 2
5 DS

Operations

User can play with the map by using those Controls.

Zoom will alter circle size for better readability



Zoom 0



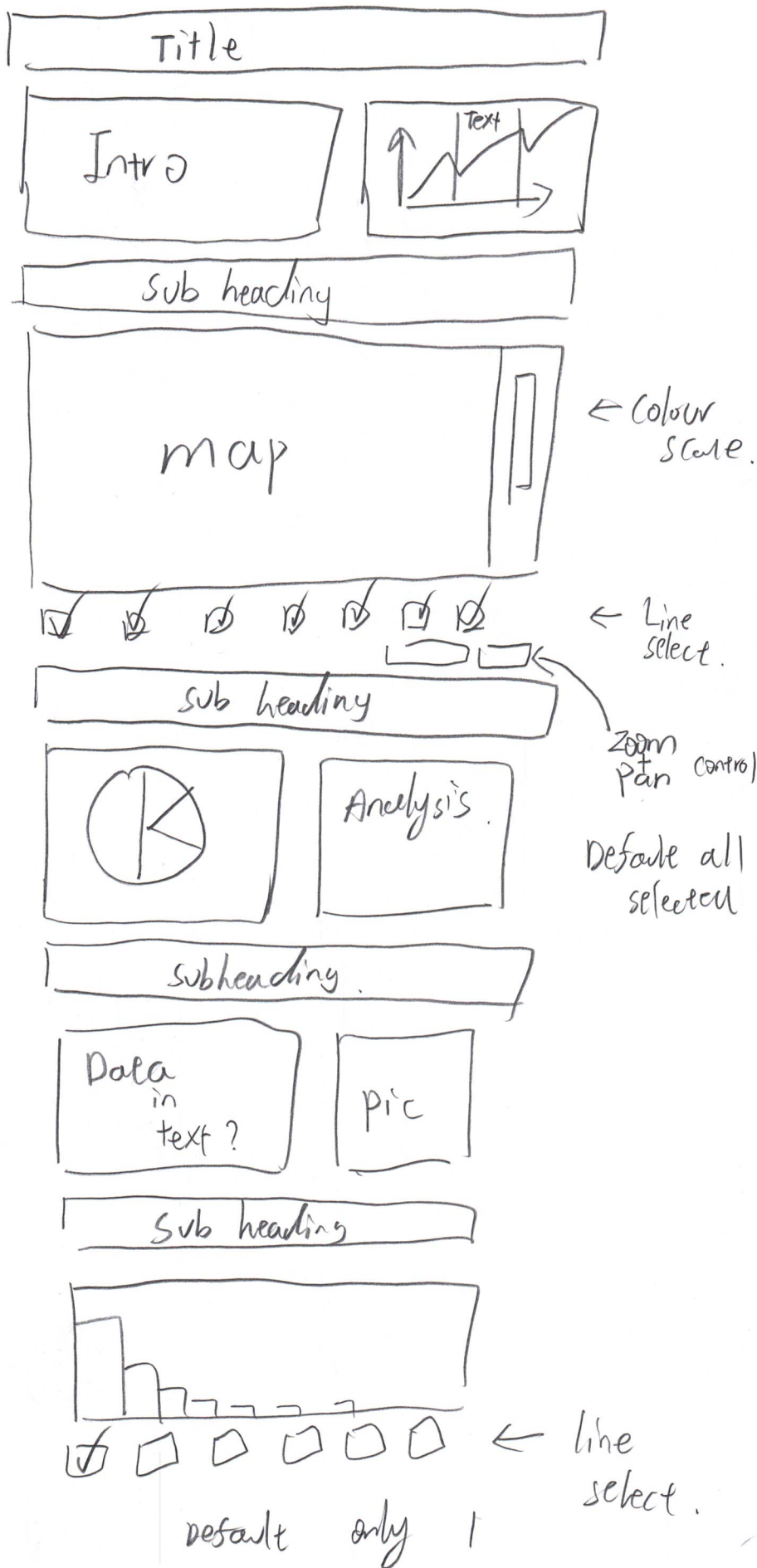
Zoom 100

Discussion

- Excellent interactivity
- Good story telling
- Difficult HTML element
- hard ~~is~~ Vega-Lite

LAYOUT

Combination of all 3



Title: Melbourne's busiest train stations

Author: John Zhang

Date: 14/10/2024

Page sheet: 5

Task: FIT3179 Ass 2
5 DS

Operations

- both line select are separate as map looks better when it's all filled in initially.
- Move around map using controls.
- Tool tips on all charts.

Focus:

I guess this one is everything. I took what is the best from previous 3 sheets

Discussion:

- Colour scale will update according to lines selected.
- Line bar chart will look horrible if all lines are selected