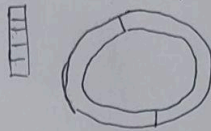


IDEAS

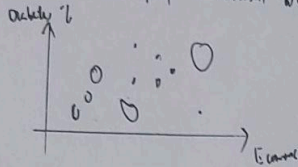
- Choropleth Maps (Diabetes % by Region)



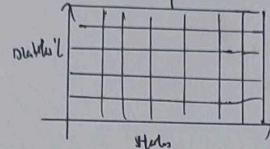
- Donut Chart (Gender)



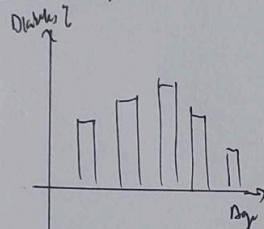
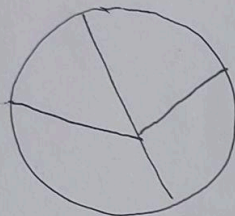
- Scatter plot - Global Diabetes by Gender



- Tree Map (Status)



- Pie Chart - Diabetes % by Age Group



FILTER

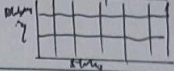
- Choropleth Map



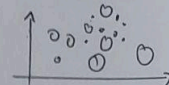
- Donut Chart (Gender)



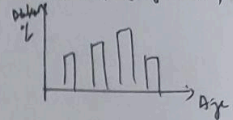
- Tree Map (Status & Gender)



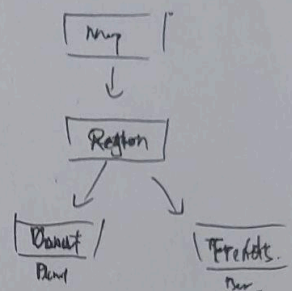
- Scatter Plot



- Bar Chart (Age Group)

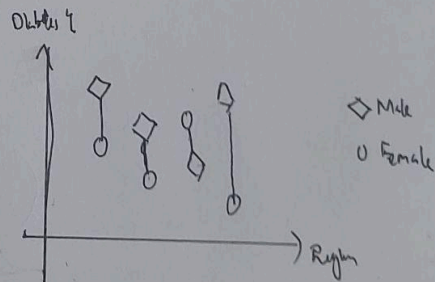
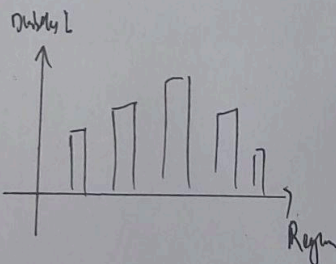
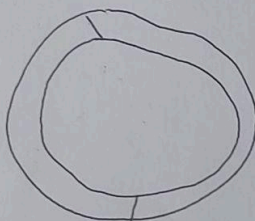


CATEGORIZE



COMBINE & REFINE

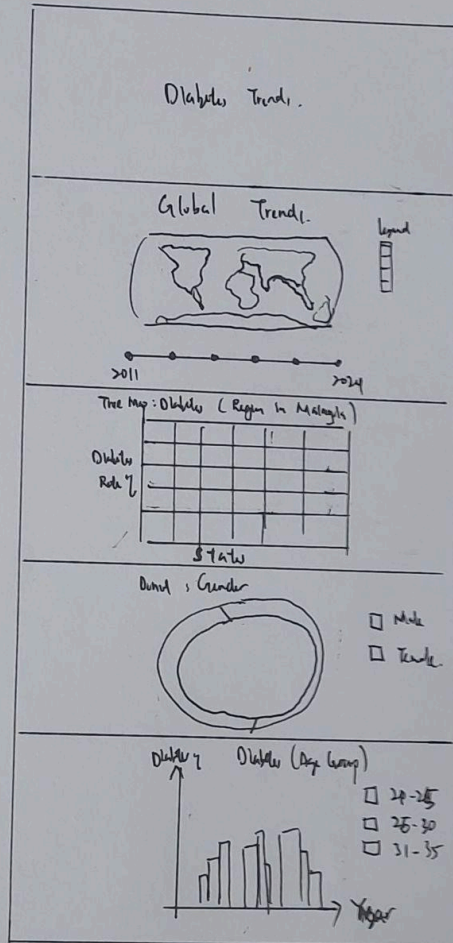
Donut Chart (Gender)



Questions

1. Choropleth Map needs to include neighboring countries?
2. Is combining the gender and Region a good choice?
3. For the scatter, what suppose to be

LAYOUT



TITLE : Slider.

NAME : Lim Zhi Cheng

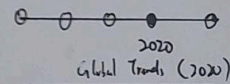
DATE : 4/10/2024

SHEET : 2

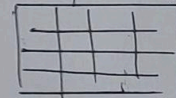
TASK : Narrative View of Diabetes Trend.

OPERATION

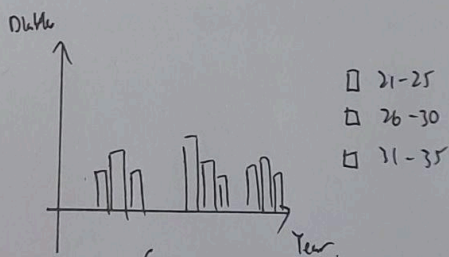
- Switch the Data Visualizations according to the time slider



- Tree Map also show according to the time slider.



FOCUS

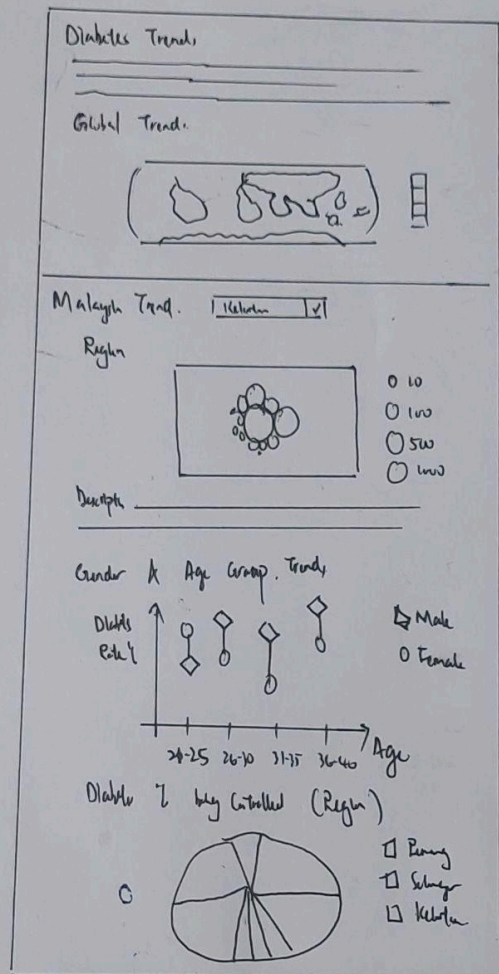


- ↳ Colour are used to differentiate the age group. When specific age group is selected, the other groups should be greyer.

DISCUSSION

1. Is it a good idea for the age group to be presented in stacked bar chart?
2. If we are doing this layout, how are we going to input the text / description for each chart?
3. Having the Donut Chart in a single section would be too plain?

LAYOUT



TITLE : Global vs Malaysia

NAME : Lim Zhi Cheng

DATE : 4/12/2024

SHEET : 3

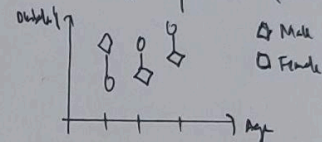
TASK : Great Narrative Visualization

OPERATION

- Choose Region:

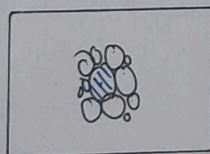
Selangor

Gender & Age Group Trends (Selangor)



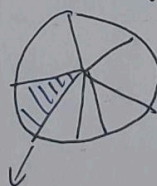
FOCUS

Region



0 100
0 500
0 1000

Diabetes Controlled (Region)

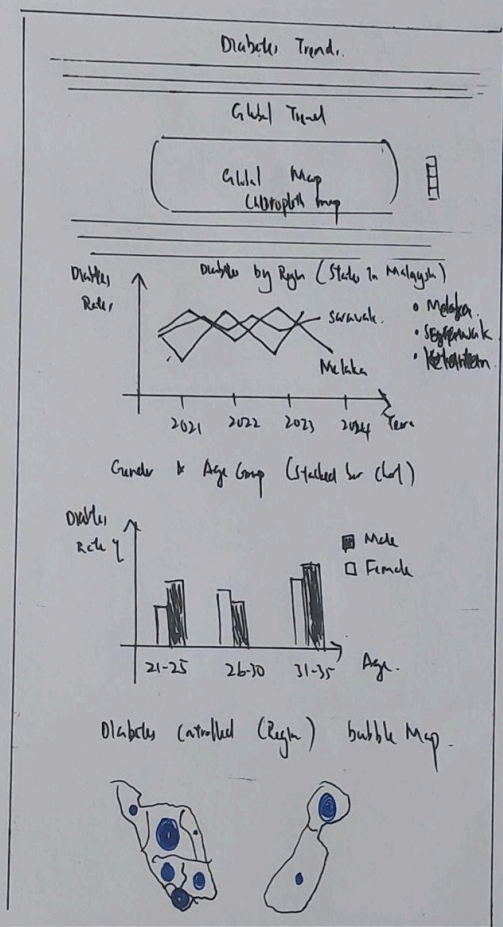


These Group having same qualitative attribute (Region)
 so they should show same colour for same region eg. (Selangor Red)
 And User may click / highlight the specific region another chart
 should highlight same region.

DISCUSSION

1. Is the bubble chart suitable for region related topic, if there are all having smaller value then all of the bubble will be having same size.
2. Is Gender & Age Group Trend better the dot chart.

LAYOUT.



TITLE : All in a row

NAME : Lim Zhi Chong.

DATE : 4/10/2024

SHEET : 4

TASK : Bubble Map.

OPERATION

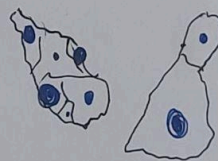
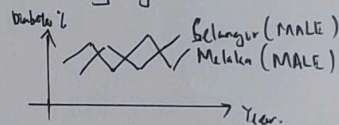
- Select Gender to update different chart.

Male ✓



Line Chart shows Male data

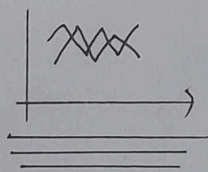
Diabetes by Region (Male)



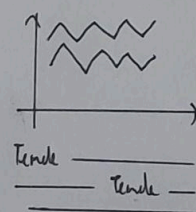
Multiple Chart will show only Male data.
If 'Male' selected.

FOCUS.

Line Chart



Line Chart (Female selected)

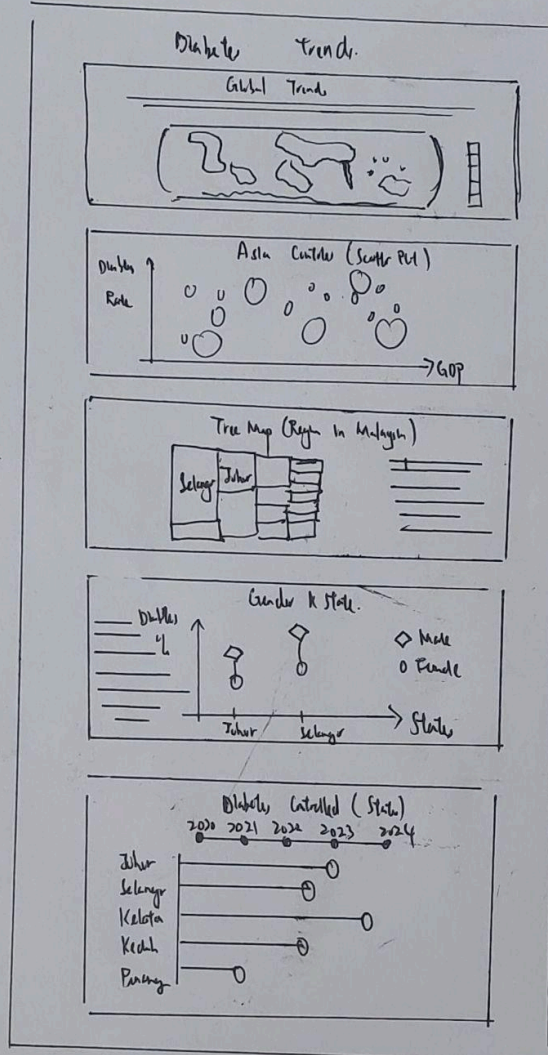


The dashboard should be able to switch when the dataset is changed accordingly. For example when 'Female' is selected, the dashboard should change.

DISCUSSION

1. 2. Bubble map a good visual choice for this topic
2. 2. Why Line Chart suitable, as there are more than 10 lines will be presented, especially if all of them are having similar values then all the lines will keep in a narrow range and reader will hard to read the line.

LAYOUT



TITLE : Final Design Just

NAME : Lim Zhi Cheng

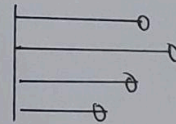
DATE : 17/10/2024

SHEET : 5

TASK : Final Implementation Design.

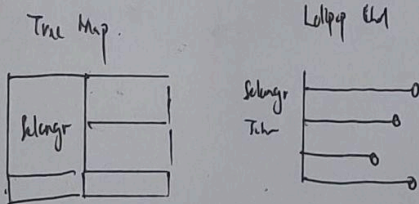
OPERATION

2020 2021 2022 2023 2024



Time slider allows user to slide across the time. When the user choose specific years, the chart and data will present accordingly to the time slider.

FOCUS



The colour of these charts should maintain consistent. For example, if Tree Map (Selangor - red) then Lollipop Chart (Selangor - red)

Detail

- Database implemented using CSV File.
- Expand the slider, could take quite bit time, especially need it to input multiple data.
- Need to find a new data set for the global Diabetes Rate.