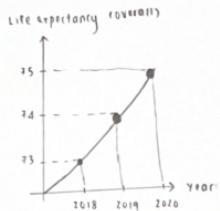
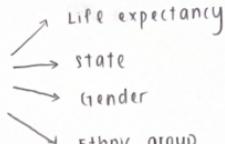
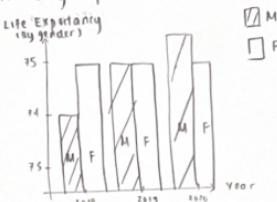


1. IDEAS

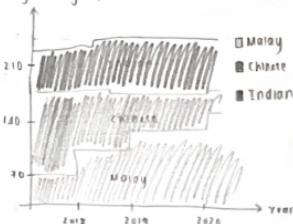
→ Trends



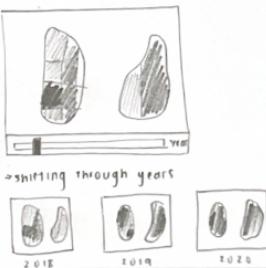
Ethnic group



Life expectancy
(by ethnic group)



Life expectancy
(by state)



2. FILTER

2 FILTER

Genders

Male

Female

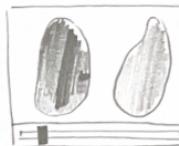
Ethnic groups

Malay

Chinese

Indian

shifting through years



3. CATEGORIZE

Life expectancy



By gender



By ethnic group

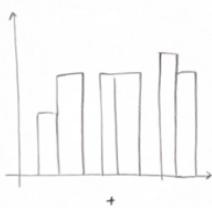


By state



shifting through years

4. COMBINE AND REFINED



Heat map

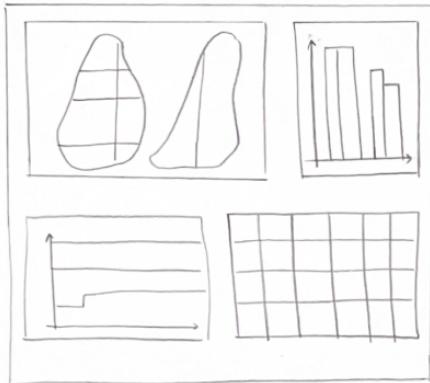


5. QUESTION

1. Can it clearly illustrate the trends across gender & ethnic group?

LAYOUT

Dashboard view

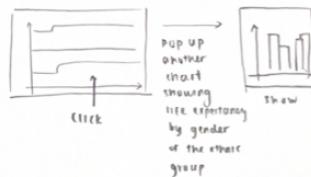
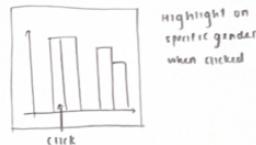
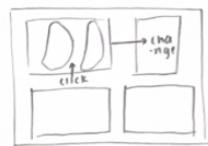


TITLE: dashboard view

SHEET: 2

TASK: life expectancy viz.

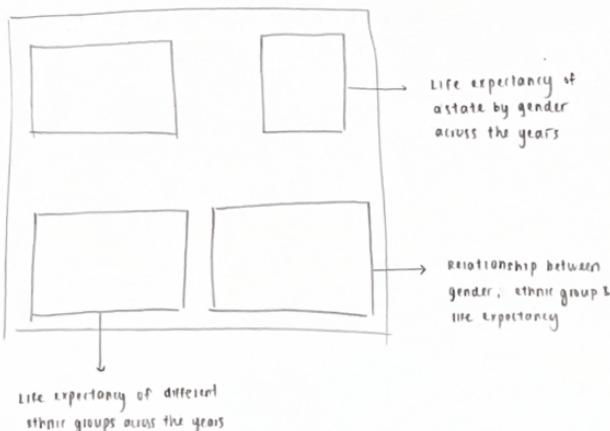
OPERATIONS



DISCUSSION

FOCUS

- FOCUS IN OVERALL TRENDS



- TOO LITTLE INFORMATION

- LESS ENGAGEMENT

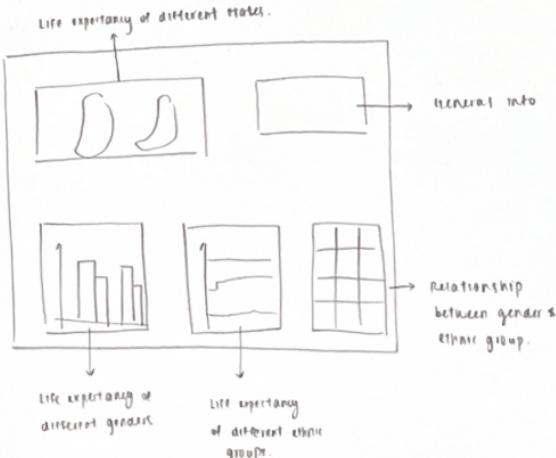
Life expectancy of different ethnic groups across the years

LAYOUT

Dashboard view v2.



FOCUS

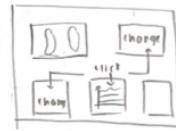
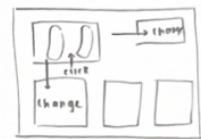


TITLE: Dashboard View

SHEET: 3

TASK: Improve the dashboard

OPERATIONS

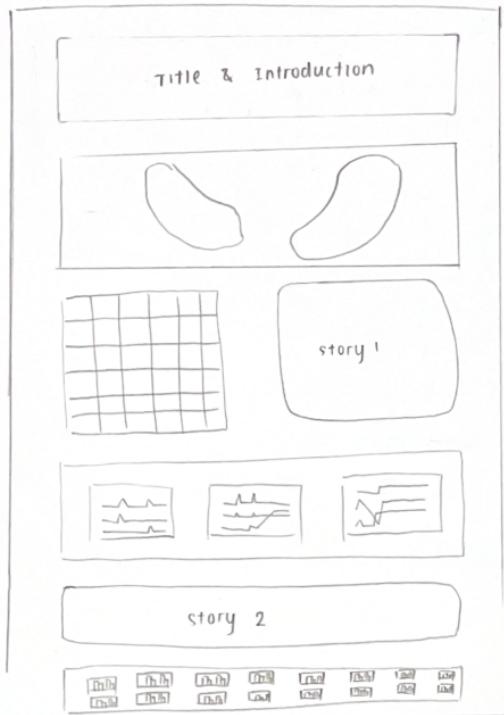


DISCUSSION

- The interaction and changes of the grouping of gender vs life expectancy may be confused to audiences.

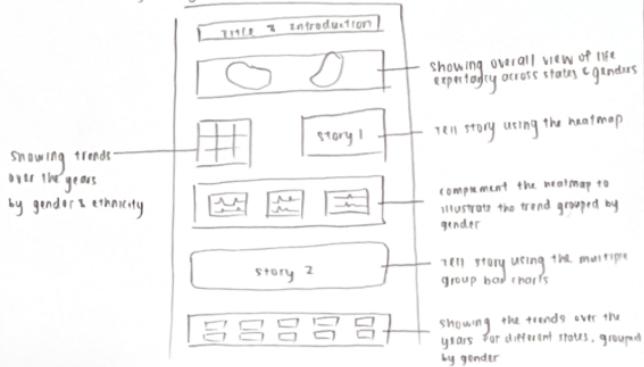
LAYOUT

Dashboard view v3.



FOCUS

- FOCUS ON storytelling

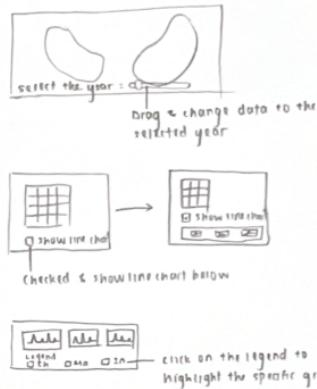


TITLE : Dashboard view

SHEET : 4

TASK : Improve the dashboard

OPERATIONS

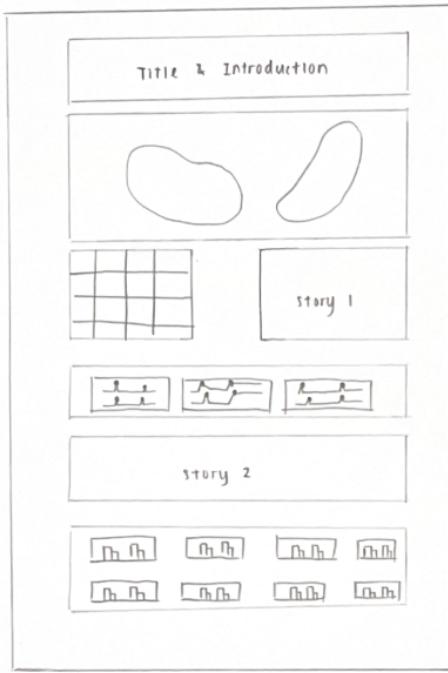


DISCUSSION

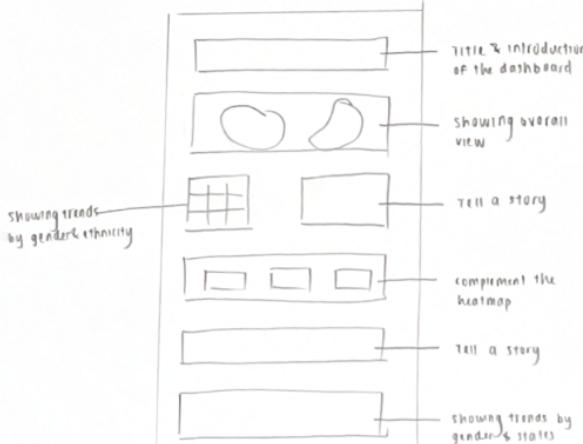
- The line chart may be redundant.

LAYOUT

Based on sheet 4:



FOCUS



Title: Final Design Sheet

sheet: 5

Task : Design the final layout

OPERATIONS

- * Show tooltips for all data point, include data on x-axis and group
- * Sliding through the years
- * Fold / expand the time chart
- * Highlight the group across facets

DETAIL

- * Estimated time & effort
 - 1 day to clean data
 - 3 days to build all the charts
 - 3 days to polish UI + add interactions
- * Data in CSV format