

Name: Aaron Stok Wel Ern Rote: 18th October 2029 Sheet: 1/5

FILTER: 1 & 1 are about

map, remove 1 & use 1 because 1 is better in

showing states' arrivals

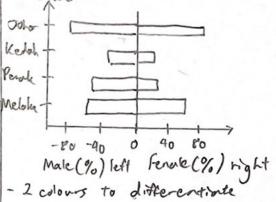
CATEGORY:

-By States / Regions

- s To stow arrivals geographically for each states
- By Gender
- 4 Able to compare male & fende
- By Month / Year
- 9 Compare tining
- By Continents

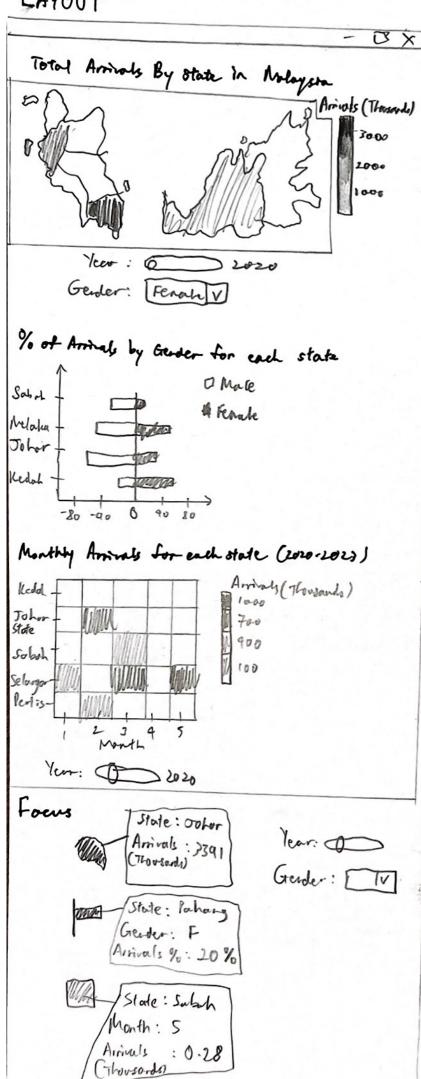
COMBLAGE & REPLINE:

3 should be combined into one chart only to compare note of fenale arrivals castly state



QUESTIONS?

- Are users able to see the total arrivals for each state easily with a map?
- Will users understand the use of heatnaps since it's not commonly used?



Title: AZ FIT3179

Anthon: Aaron Stock Wei Em

Date: 13/10/2029

Sheet: 2/5

PERATIONS:

- Charapteth Map that shows arrivals of each state geographically
- 4 Able to fifter to see nale f fenale arrivals
- 4 Year selection time slider
- Population pyramid chart shows may make & female % arrivals across states
- Heatnap shows nanthly aminds for each state 4 density
- Tooltip stons none detailed hata & exact values when users hoven over nag / bars

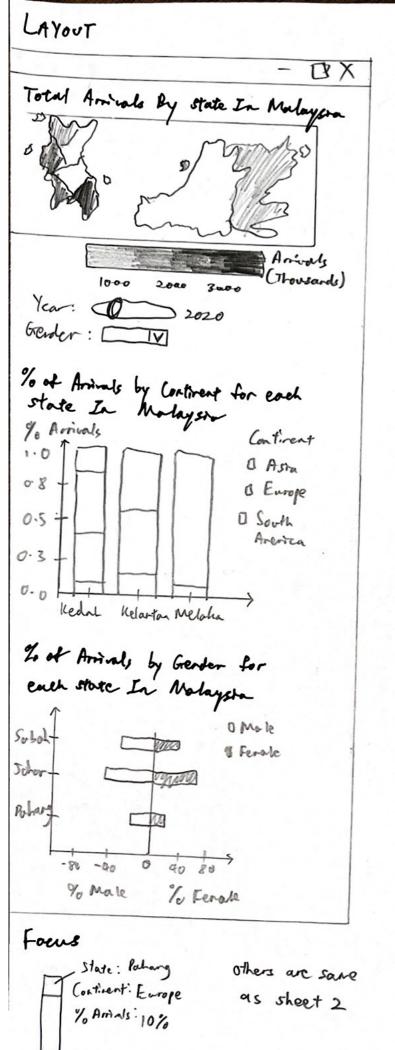
DISUSSIONS:

Pros:

- Easy to compare
- Has filters & time sliders
- Easy to use

CONS:

- Does not show from where Eg: Continent



Pahang

- Charageth map shows total arrivals of each state in Mulaysia Geography Map - Stacked box chart shows % of arrivals by continent for cach state in Malaysta -lopulation pyranth chart shows % of Amical by Gender for each state in Malaysta - Taoltips include detailed data A exact values in Map 1 bars - Users are able to fitter by Year & gender Ctive sidert fitter) VISWISSIONS: PROS: - Users are able to see arrively from where - Easy to use - Easy to compare CONS: - Does not show northly data - There are 2 similar idions

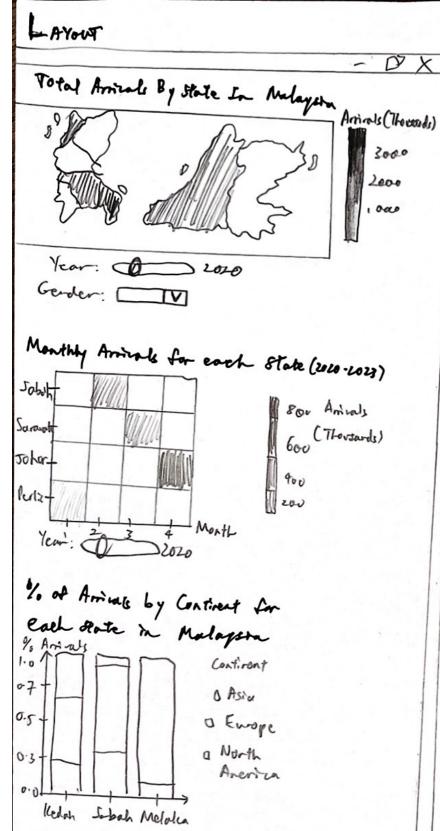
Title: AZ FIT 3179

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OPERATIONS:

Author: Aaron Sinh Wei Em



Foeus

Same as Sheet 2 & Sheet 3

Title: AZ FIT3179

Author: Aaron Siah Wei Em

Parte: 13/10/2029

sheet: 4/5

()PBRATIONS:

-charapleth may shows total arrivals for each state in Malaysia geographically

- Hertrap shows nonthly total arrivals for each state 4 able to see density

- Stacked box chart shows 70 of arminals by continent for each state in Malaysta - Too 1792s include detailed data 4 exact values when hover over map 1 bass

- Vsers are able to Alter by Year I gender Ctive Mider & Filter)

PISCUSSIONS:

PROS:

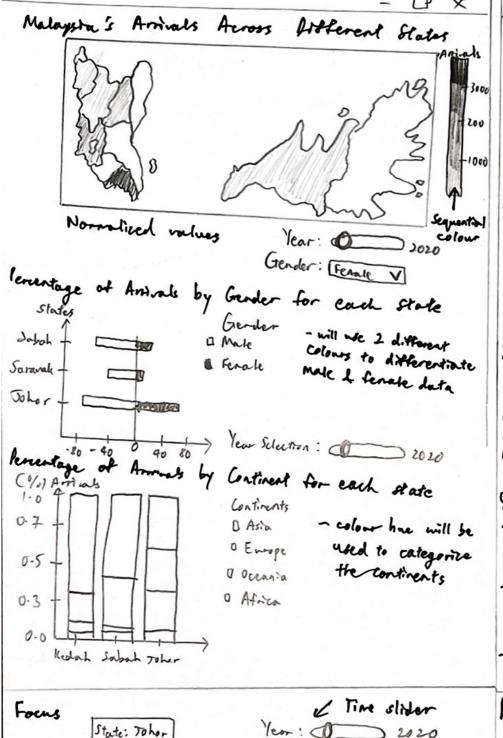
-Users are able to compare nonthly data

- Easy to ase

- Easy to see density

COM:

-court compare male arrivals Us female arrivals eastly LAYOUT



Title: AZ FIT317A Author: Aaron State Wei Ern Page: 13/10/2024 Sheet: 5/5 OPERATIONS: - Choropeth map shows total arrivals of each state on a geographic rap 4 Hover over the states to tree details of which state f arrivals (in thousands) - Population Pyranial Chort shows the percentage of arrivals by gender for each state, easy to compare data (now is first) 4 Horer over the bass to see which state, what gender, t % of arrivals - Stocked bor chart shows percentage of arrival by continent for each state 4 colour hue will be used to differentiate each state 9 Hover over the bass (sections to see which state, which continent , and % of arrivals - choropieth map: normalized value values will be shown in requestion colour

- Population pyramid chart: 2 different colours for malet-fend DETAILS:

- Patasete are in CSV files
4 cleaned, combined, accurate
4 cleaned with Grouple Colab
- Visualizations are done
on Vega- Litz Editor

-layout & sight lives ourranged with html & CBS

-Time to implement: I neell -Tool tips details are included

- filters Available - Time Slider Available

State: Perang
Gender: Ferale
(%) Anivals: 23%

State: To bor

(Outinent: Asia (%) Arius: 33%