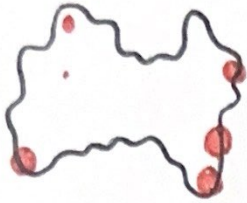
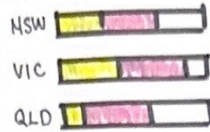


IDEAS

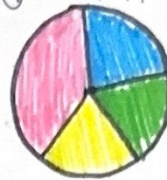
① Proportional Symbol Map



⑤ Stacked bar chart



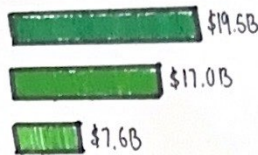
⑨ Pie Chart



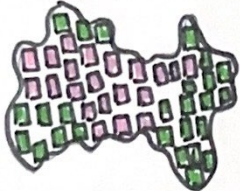
② Choropleth map



⑥ Bar Chart



③ Bin Map



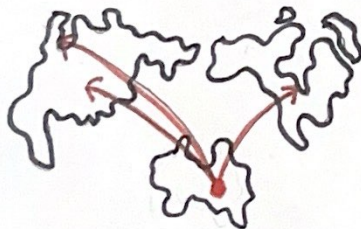
⑦ Line Chart



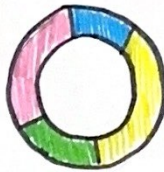
⑩ Tree Map



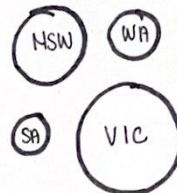
④ Flow Map



⑧ Donut Chart

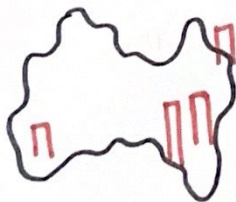


⑪ Bubble Chart



COMBINE & REFINE

① + ⑥ = Proportional Symbol map with bar chart



QUESTION

- Can visualisation be arranged to create a story telling genre?
- Are there filters for users?

- Is the visualisation appealing enough to keep users engaged?
- How effectively does the visualisation convey trend over time?
- Is the presented visualisation easy to interpret for target audiences?
- Is there a clear takeaway or narrative from the visualisation

FILTER

⑫ Bubble Chart

- Not suitable if there are many data
- hard to compare sizes of circles if the value is close

⑬ Bin Map

- there are more interesting map that can be used compared to the bin map, like the choropleth map
- may oversimplify information

⑭ Pie Chart

- there are more interesting map that can be used compared to the pie chart, like the donut chart

CATEGORISE

main tourist destination in Australia

①, ②, ③, ⑥, ⑩

International visitor spend

⑤, ⑥, ⑧, ⑨, ⑪

most popular country when leaving Australia

④

Tourism growth over time

⑦

Title: FIT3179 A2 visualisation

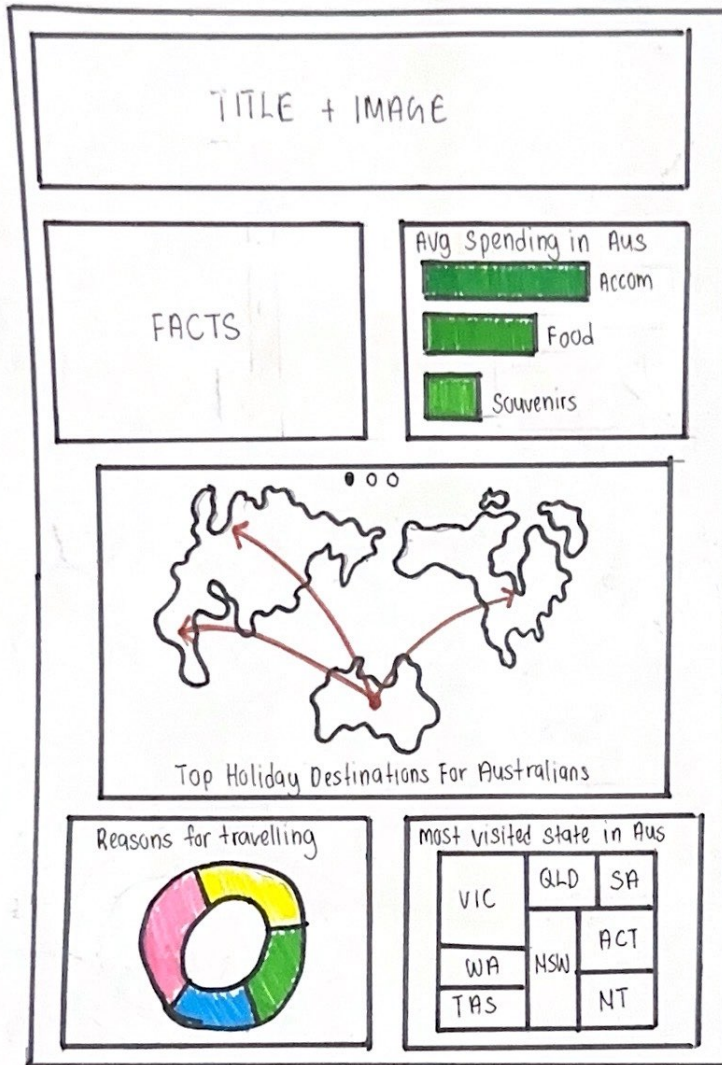
Date: 28/9/2024

Task: Brainstorm

Author: Tan Yin Cheng

Sheet: 1

LAYOUT



FOCUS

- This dashboard focuses on the overall tourism statistic in Australia for both Australians leaving the country and overseas visitor coming in Australia.
- Average Spending in Australia
 - This chart shows the average spending of different categories in each state of Australia.
- Map
 - This map contains a few visualisation that viewers can switch between to view desired statistics.
- Reasons for travelling
- Most visited state in Australia.

Title: FIT3179 A2 visualisation

Date: 28/9/2024

Task: First Design

Author: Tan Yin Cheng

Sheet: 2

OPERATION

Avg Spendin in Aus

Select State ▼

- viewer can filter to different states to view the average spending in the desired state.

Top Holiday Destinations For Australian



- viewer can switch to different map to see different visualisation such as:

- Top Holiday Destination for Aus
- Top Holiday Destination in Aus
- Australia global tourist arrival

Tooltip for all visualisation



- viewers can hover over the data to inspect the exact values

DISCUSSION

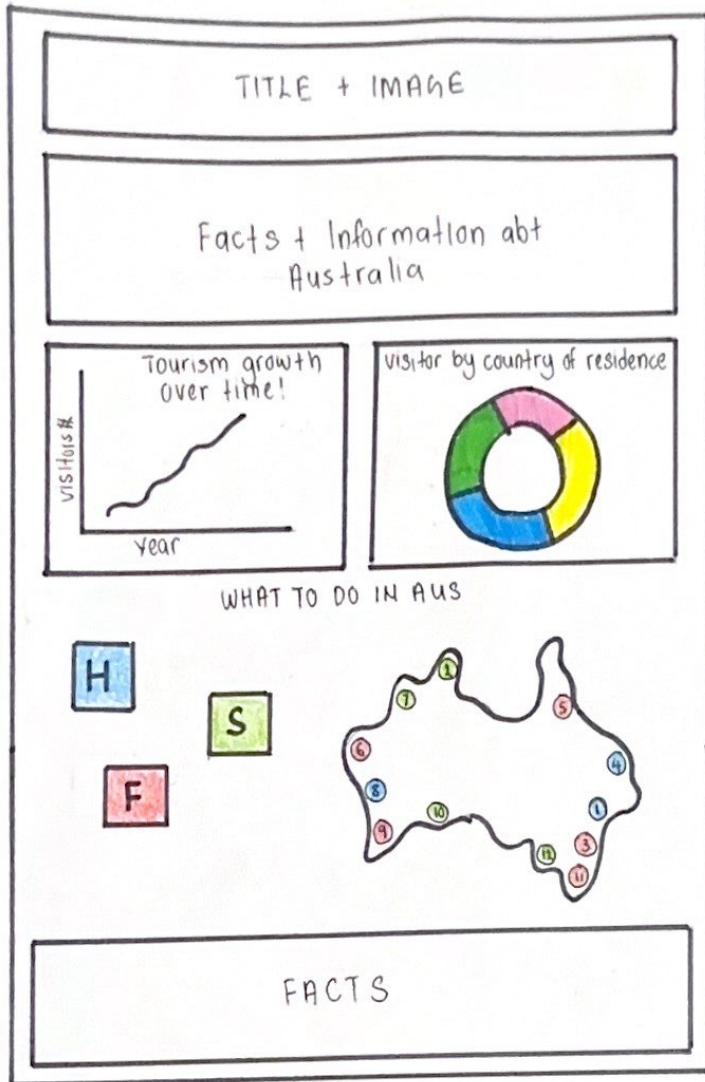
POSITIVE

- + Everything in a single page
- + Different map visualisation
- + Tooltip and filters provided

NEGATIVE

- Not much storytelling
- May have redundant visualisation

LAYOUT



FOCUS

- This dashboard focus on tourism in Australia. It provides facts about Australia, some tourism statistic and tourist spot in Australia.
- Tourism growth over time
 - Shows the tourism growth over time for each state.
- Visitor by country of residence
- What to do in Australia
 - Shows popular tourist destination in Australia.

Title : Fit 3179 A2 Visualisation

Date : 29/9/2024

Task : Second Design

Author : Tan Yin Cheng

Sheet : 3

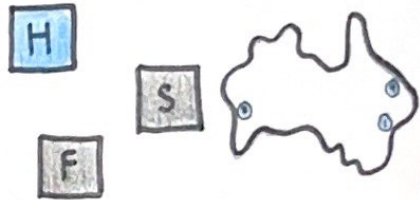
OPERATION

Tourism Growth Over Time

SELECT STATE ▾

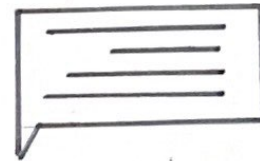
- viewers can filter to different states to view the tourism growth over time

What To Do in Australia



- viewers can select and click on the relevant category to filter the map.

Tooltip for All Visualisation



- viewers can hover over data to inspect exact values

DISCUSSION

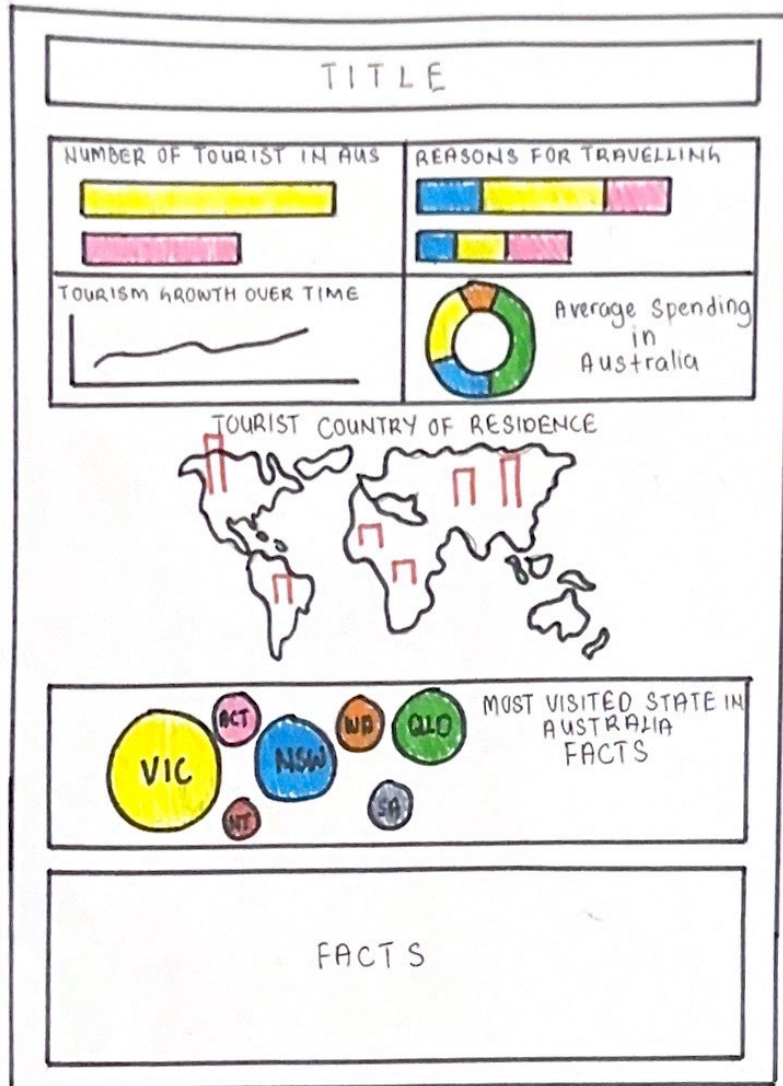
POSITIVE

- + Everything in one page
- + Some storytelling available
- + Tooltips and filters available

NEGATIVE

- may be too simple
- too little visualisation

LAYOUT



FOCUS

- This dashboard provides an in-depth overview of tourism trend in Australia.
- Number of inbound and outbound tourist.
- Reasons for travelling
- Average tourist spending
- Most visited state in Australia
- Top country of residence for tourists visiting Australia.

Title: FIT3179 A2 visualisation

Date: 29/9/2024

Task: ~~First~~ Third Design

Author: Tan Yin Cheng

Sheet: 4

OPERATION

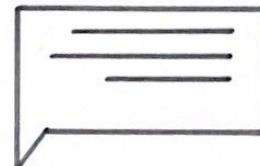
Filters for certain visualisation

FILTER ▾

- viewers can filter to certain categories for some visualisation to inspect desired statistic



- Clicking on the bubble chart will automatically filter other relevant chart to show statistic of the highlighted state.



- viewer can hover over data to reveal tooltip that contains exact value.

DISCUSSION

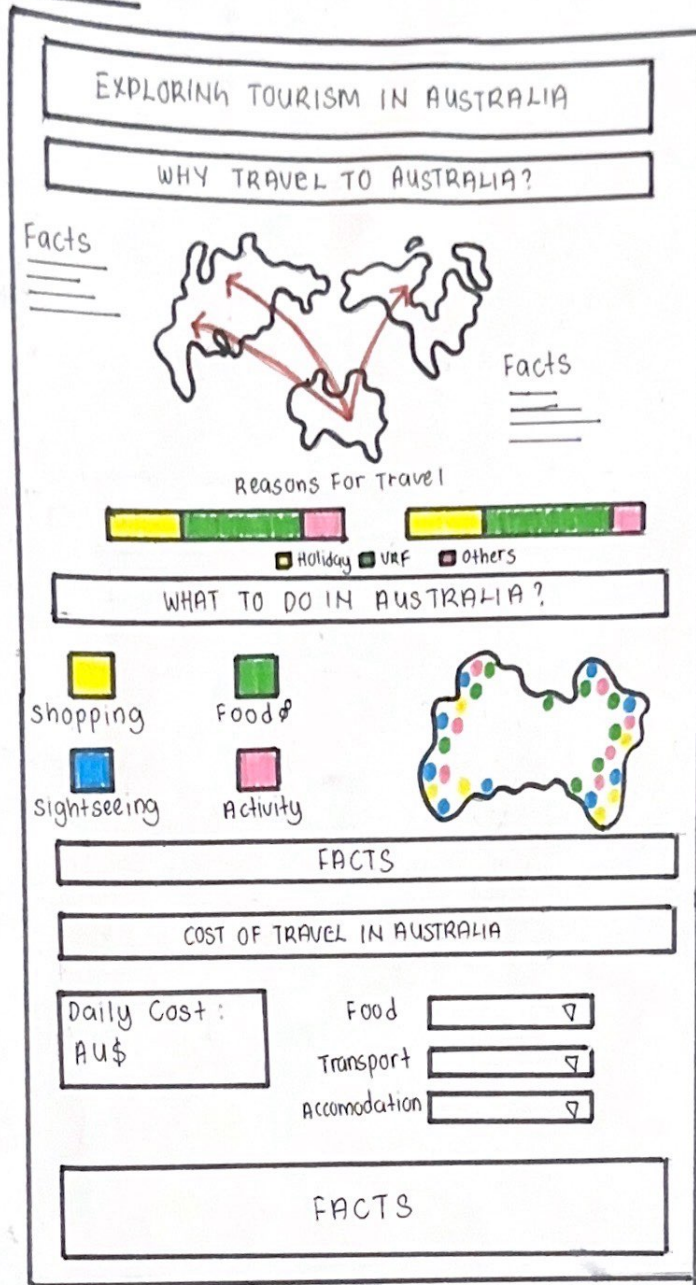
POSITIVE

- + Dashboard is interactive with tooltips and filters.
- + Decent amount of visualisations
- + Fits one page

NEGATIVE

- No storytelling to guide users

LAYOUT



FOCUS

- This dashboard focus on tourism in Australia. It provides guidance for people who are interested to travels in Australia by providing :
- Why travel to Australia?
- What to do in Australia?
- Cost of travel in Australia

Title : FIT3179 A2 Visualisation

Date : 30/9/2024

Task : Realisation

Author : Tan Yin Cheng

Sheet : 5

OPERATION

Accommodation ▾

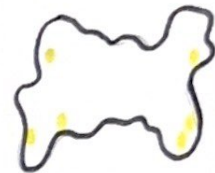
Hotels (luxury)

Hotels (budget)

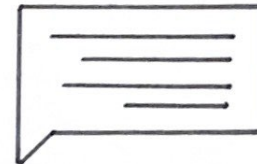
Hotels (average)

- Selecting the dropdown list will update the daily cost.

shopping



- viewers can select and click on the relevant category to filter the map.



- viewers can hover over data to reveal tooltip that contains exact value

DETAILS

Dependencies : Sheet 3 & 4

Dataset : mainly from ABS

Estimated time & effort :

- ↳ 1 day to gather data
- ↳ 1 day to clean & sort data
- ↳ 3 days to build all visualisation
- ↳ 3 days to build the website