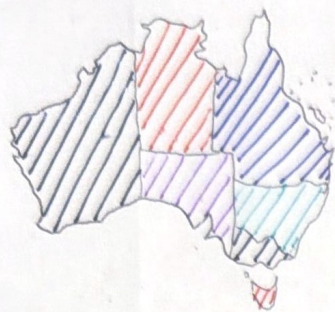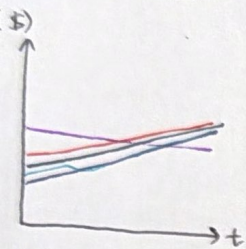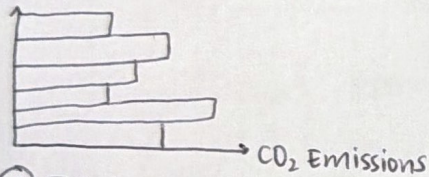# IDEAS

① Cost of Living Concern Index
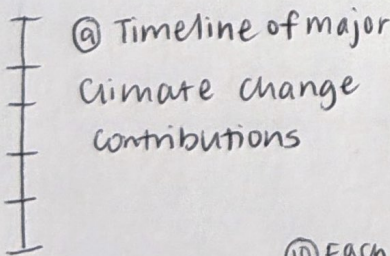

② Each State's Spending on Education Over Time
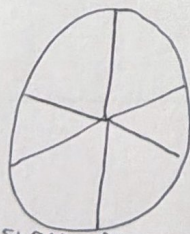

③ Each State's CO_2 Emissions

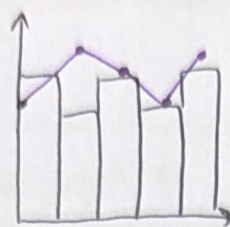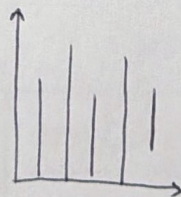④ Cost of Living Concern Index For Each State

⑨ Timeline of major Climate change contributions

⑤ Each State's Education Expenditure vs. NAPLAN scores

⑥ Each state's Energy mix

⑦ Each state's KPIs

⑧ Each State's Use of Renewable Energy (///) & CO_2 Emissions ●

⑩ Each state's CO_2 contribution

⑪ Cost of Living in AUS over time

FILTER

⑧ Chloropleth map

⑤ Bar + Line chart

⑥ Donut Charts

⑪ Lollipop Chart

② Line chart

④ Bar Chart

③ Line chart (instead of a bar chart & it will be Australia's Emissions overtime)

CATEGORISE

Climate change
↳ ⑧, ⑥, ③

Education
↳ ⑤, ②

Economy
↳ ⑪, ④

COMBINE & REFINE

1. Chloropleth (⑧)
2. Donut Charts (⑥)
3. Line chart (③)
4. Bar + Line Chart (⑤)
5. Line chart (②)
6. Lollipop Chart (⑪)
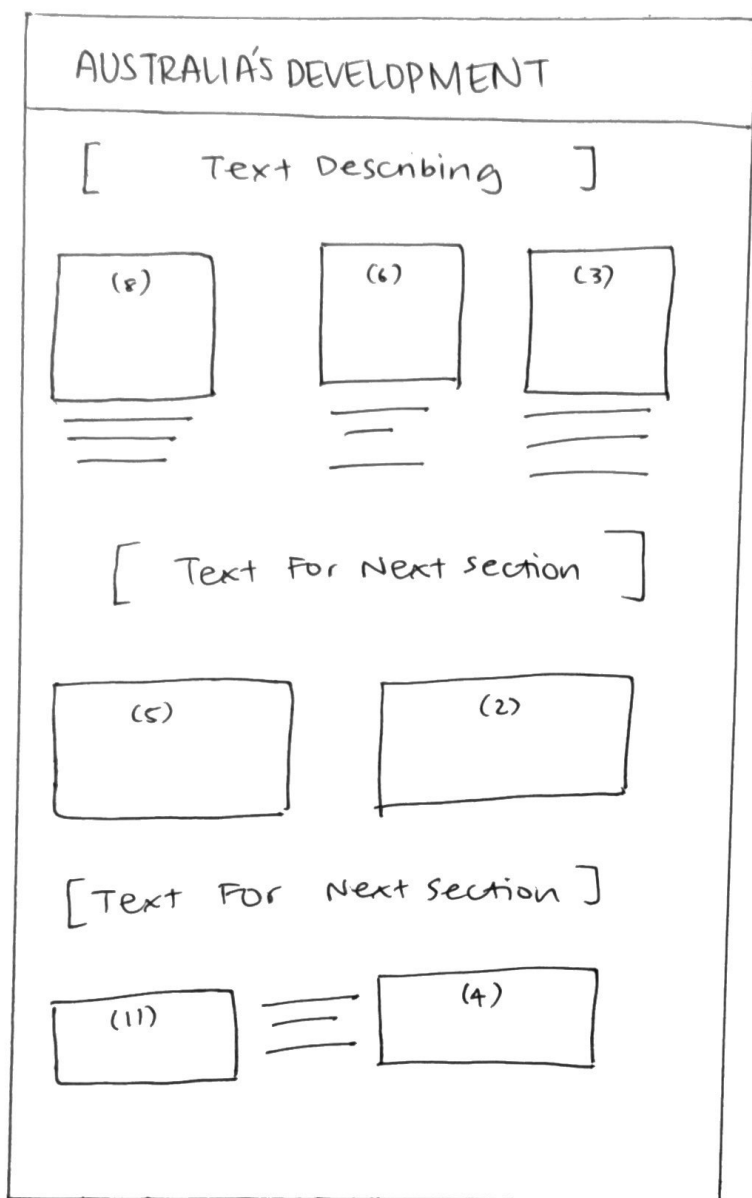7. Bar Chart (④)

QUESTIONS

1. Should I just talk about states or Australia as a whole?

2. Am I showing the growth or a snapshot of Australia's Development landscape @ a point in time?

LAYOUT

AUSTRALIA'S DEVELOPMENT

[Text Describing]

(8)   (6)   (3)

[Text For Next Section]

(5)   (2)

[Text For Next Section]

(11) = (4)

OPERATION

Filter by:
→ Years (for over time series)
→ min. renewable energy (for (8))

Tooltips:
→ will vary based on each visualisation but will include:
→ state
→ Data
↳ $
↳ Year
↳ %

FOCUS

There is no primary focus but rather a segmented approach (i.e. first climate change, then education & then economy)

→ Could make the chloropleth map bigger to signify climate change importance

DISCUSSION

PROS:
→ In-line w/ sight lines
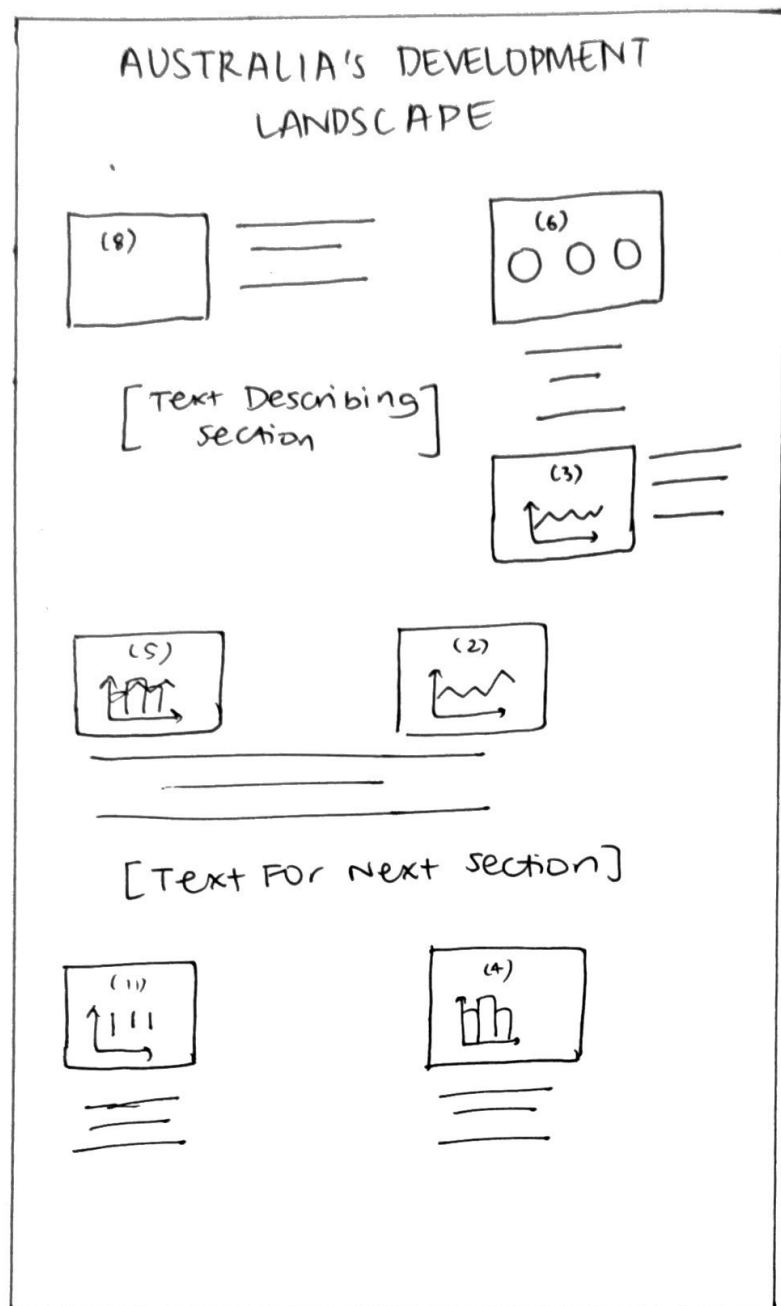→ well-segmented
→ well-structured approach

CONS:
→ not visually appealling
→ can appear cramped or the charts would be too small

LAYOUT

AUSTRALIA'S DEVELOPMENT LANDSCAPE

(8) ═══

(6) ○ ○ ○

[Text Describing Section]

(3) ∿

(5) ⋀⋀⋀

(2) ∿

[Text For Next Section]

(11) ↑↓↑↓

(4) ▯▮▯

OPERATION

Filter by:
→ Years
→ min. Renewable energy
→ State?

Tooltips:
→ varies for each chart but in general:
  → State
  → Year
  → Data:
    ↳ NAPLAN scores
    ↳ $
    ↳ %
    ↳ etc

FOCUS

No main focus but rather a segmented approach to walk the viewer through a narrative.

I could use a line/timeline through the visualisation so the user knows what to read first.
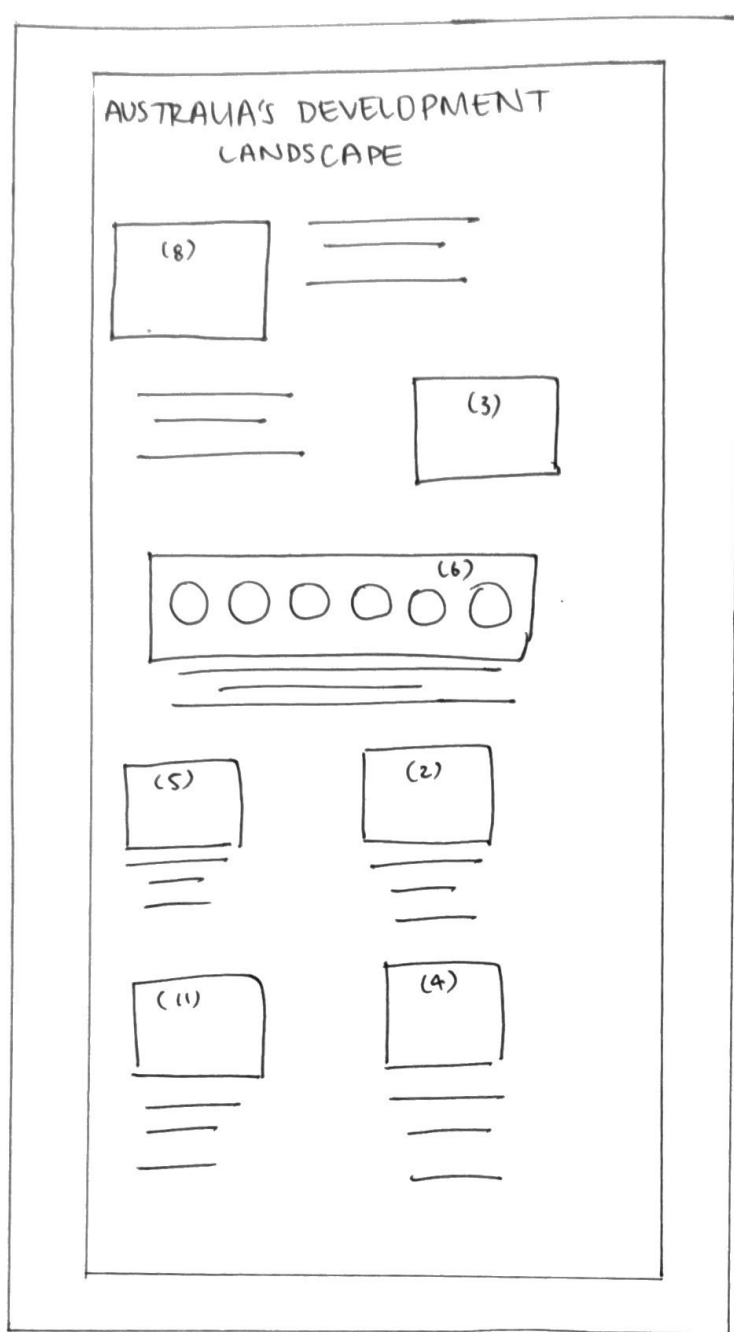
DISCUSSION

PROs:
→ Good use of white space
→ uses text to guide the user

WNs:
→ not visually balanced
→ too much text
→ segments are not clear

LAYOUT

AUSTRALIA'S DEVELOPMENT LANDSCAPE

(8)

(3)

(6)

(5)   (2)

(1)   (4)

OPERATION

Filter By:
- → State?
- → Year
- → min. Renewable Energy

Tooltips:
- → varies but as a general idea:
  - → State
  - → Year
  - → Data:
    - ↳ $
    - ↳ %
    - ↳ NAPLAN scores
    - ↳ emissions

FOCUS

The main focus here is the climate change section as it is the most well-segmented and spaced out.

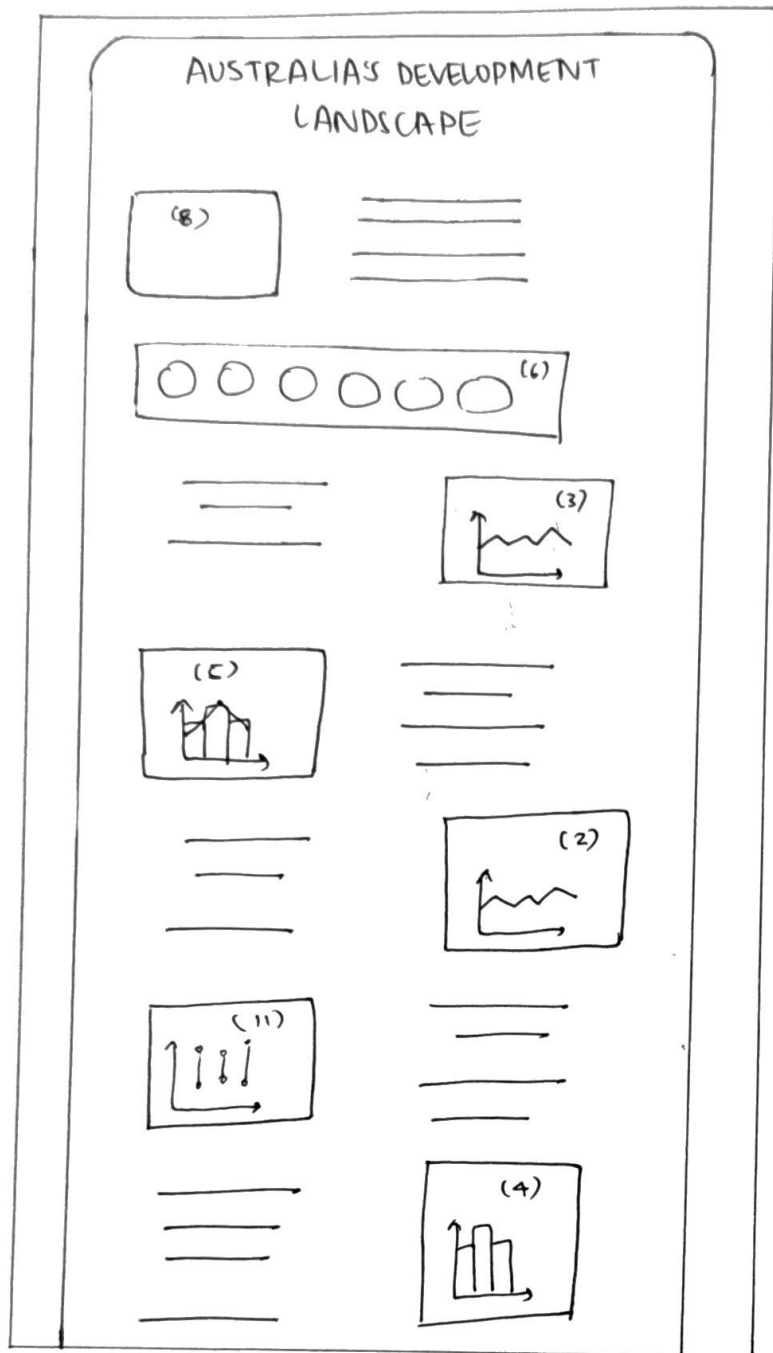The other sections should also be spaced out in such a manner to signify importance.

DISCUSSION

PROs:
- → First section is very well segmented
- ↳ Good amount of text (guides the reader)
- → Border makes it more visually appealing

CONs:
- → Draws less attention to other two segments
- ↳ other two segments are not well-balanced

LAYOUT

AUSTRALIA'S DEVELOPMENT LANDSCAPE

(8)

(6)

(3)

(C)

(2)

(11)

(4)

OPERATION

Filter By:
- → Year
- → Renewable Energy
- → State ?

Tooltips:
- → State
- → $
- → %.
- → NAPLAN scores
- → Energy Type
- → Data Type (Rent, Salary, etc)

FOCUS

The focus is on all 3 segments (i.e. energy, education & economy). The visualisation follows a clear order & is very well segmented.

DISCUSSION

PROs:
- → very good use of white space
- → very well-balanced & symmetric
- → well-segmented
- → border makes it visually appealing

CONs:
- → may still need a better narrative
- → colours would need to be carefully chosen to ensure aesthetics are visually appealing.