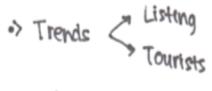


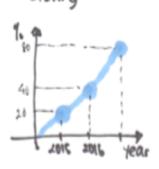
7. APPENDIX

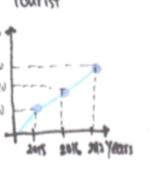
Contains 5 pages of the Five Design Sheet

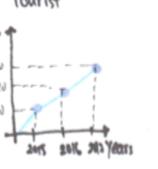
Page 1

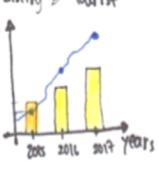
IDEAS

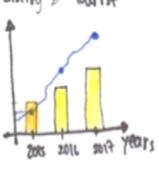
→ Trends 

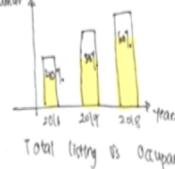


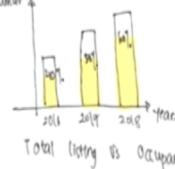
Tourist 

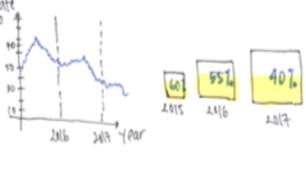


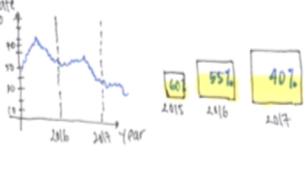
Listing & Tourist 



→ Occupation Rate 

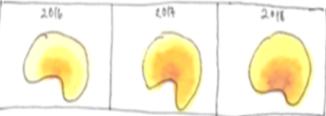


Total listing vs occupation rate 

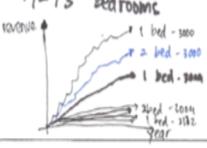


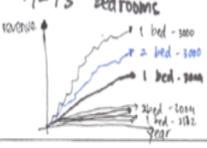
2015 2016 2017

→ Shifting Through Years 

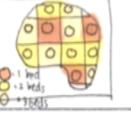


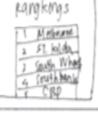
Chloropleth 2015 2016 2017

→ 1/2/3 bedrooms 



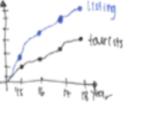
1 bed - 2015
2 bed - 2016
3 bed - 2017
Year

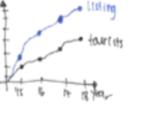
1/2/3 bedrooms 



1 bed 2 beds 3 beds 2015

FILTER

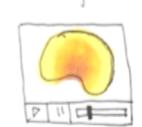
Trend: 

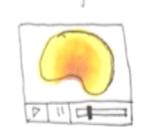


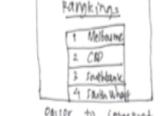
occupation rate: 

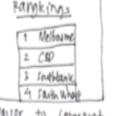


More clear in the interpretation

Shifting through Years: 



1/2/3 bedrooms 



Rankings: 

1	Melbourne
2	CBD
3	South Yarra
4	South Melbourne

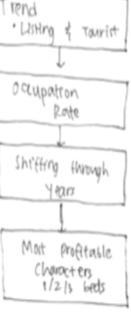
Rankings: 1 Melbourne, 2 CBD, 3 South Yarra, 4 South Melbourne

More alike rather than just using pictures easier to interpret

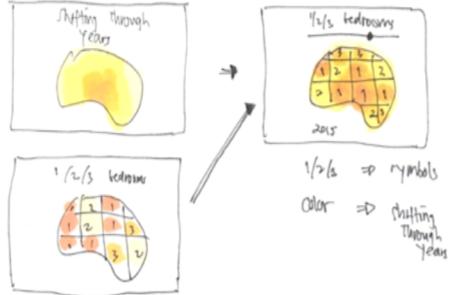
CATEGORIZE

```

graph TD
    Trend["Trend  
• Listing & tourist"] --> Occupation[Occupation Rate]
    Occupation --> Shifting[Shifting through Years]
    Shifting --> Bedrooms["Matt Profitable Characters  
1/2/3 beds"]
    
```



COMBINE & REFINED



Shifting Through Years → 1/2/3 bedrooms

1/2/3 =⇒ symbols
Color =⇒ shifting through years

QUESTION

- Is the implementation of the visualization is double?
- Use D3 or shiny?
- Is it answering the client needs?
"Future of Airbnb in Melbourne"

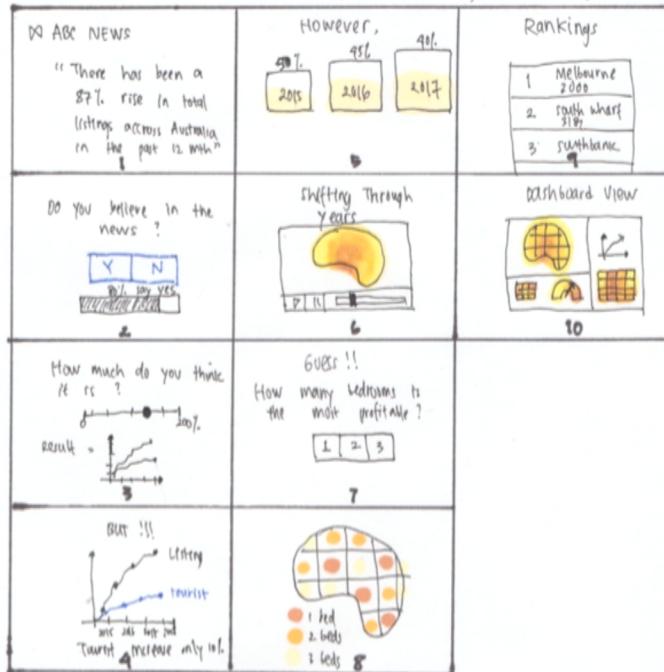
[used with permission]

PAGE 2

<h3><u>LAYOUT :</u></h3> <p>Dashboard View</p> <p>Implemented on D3</p>	<p>TITLE : Dashboard View</p> <p>AUTHOR : Liliana Ester</p> <p>DATE : 4 / 06 / 2019</p> <p>SHEET : 2</p> <p>TASK : Airbnb Visualization for Host</p>	
<h3>OPERATION :</h3>	<h3>FOCUS :</h3> <p>In dashboard, everything is being focused.</p>	<h3>DISCUSSIONS :</h3> <ul style="list-style-type: none"> * Too much information in one page * Less engagement with user * Is the information is good enough? * Limited Information (?) * Is D3 can make dashboard view? * The page.html is not big enough for all the details

LAYOUT :

Narrative layout using website with D3 library / Javascript

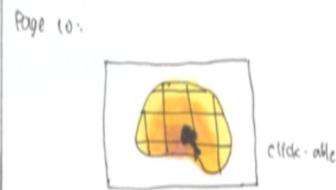
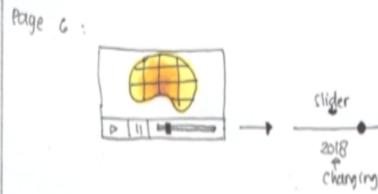


Narrative visualization with one-slide page website

- HTML
- CSS
- Javascript
- D3

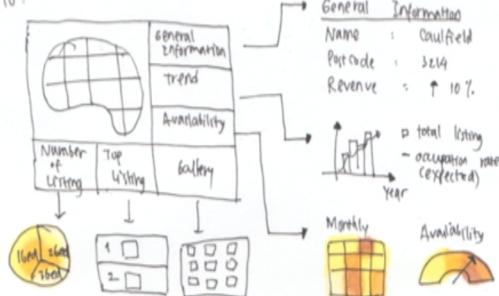
TITLE : Full Narrative View
AUTHOR : Liliana Ester
DATE : 04 / 06 / 2019
SHEET : 3
Task : Narrative visualization for Host

OPERATIONS :



FOCUS :

Focus on giving information about the Airbnb profits.
Page 10:

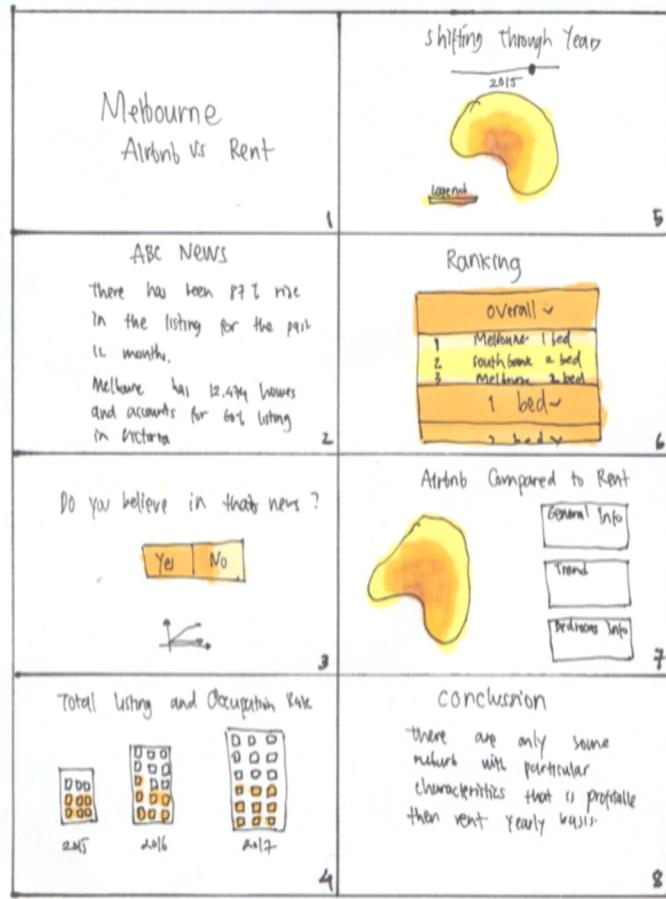


DISCUSSIONS :

- * Need to have "database" to store the user's choices on page 2 and 7.
- * Write interactive for users.
- * Is the implementation doable?
- * Does D3 library has / provide those visualizations?

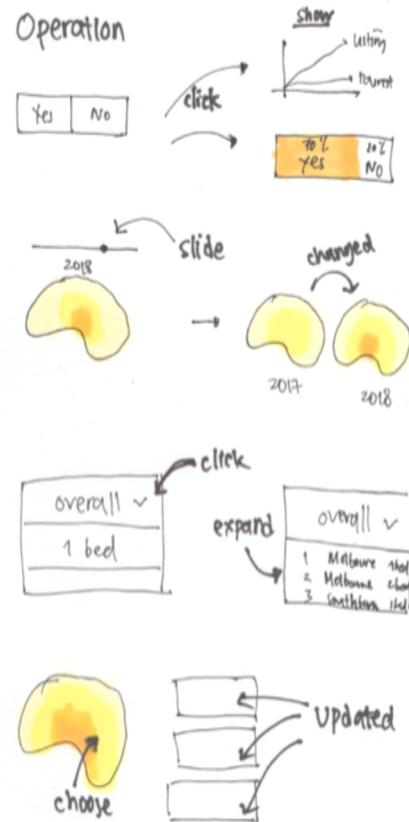
<h3>LAYOUT</h3> <p>Simple Narrative Visualization</p>	<p>TITLE : Simple Narrative Visualization</p> <p>AUTHOR : Liliana Ester</p> <p>DATE : 08 - 06 - 2019</p> <p>SHEET : 4</p> <p>TASK : Create Narrative Visualization</p>
<h3>OPERATION:</h3>	
<h3>FOCUS:</h3>	<h3>DISCUSSIONS:</h3> <ul style="list-style-type: none"> * Is showing the rent price distribution important? * Is the information / knowledge given is clear enough?

Layout

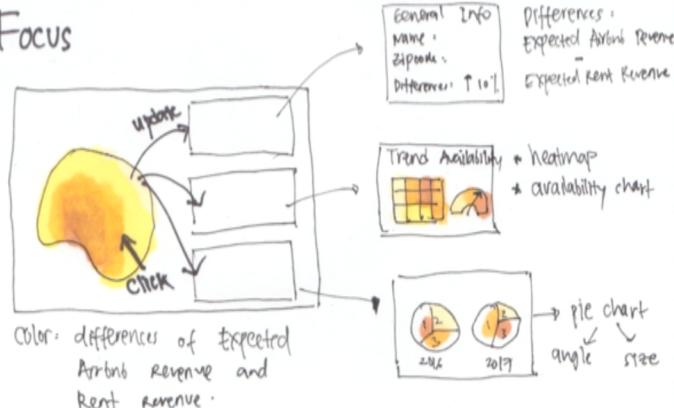


TITLE : Final Design Sheet
AUTHOR : Liliana Ester
DATE : 08-06-2019
SHEET : 5
TASK : Final Implementation Design

Operation



Focus



Detail

- * Database implemented using CSV files
- * Updated the value via using JavaScript, JQuery, AJAX, PHP
- * D3 library
- * server → using text editor package server : sublime server
- * Time to build / implementation: 1 week
- * Need Geojun / TopoJSON file to draw maps