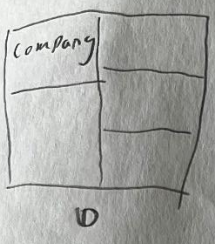
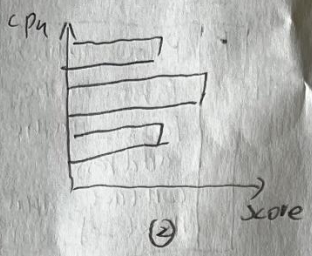
Ideas

Brands



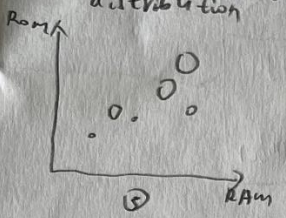
①

CPU score



②

Ram, Ram quantity distribution



③

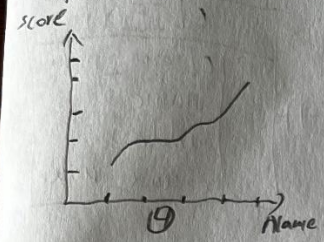
Filter

① ② ⑧ ⑩ ⑪ ⑥ ⑫

Categorize

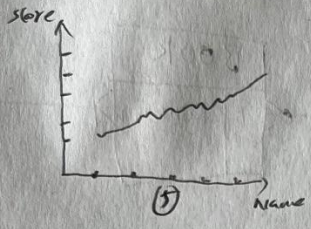
①	② ⑫
⑩	⑪ ⑥ ⑧

Apple CPU score



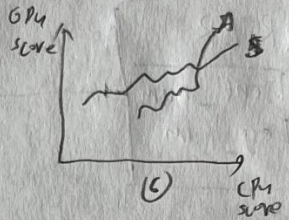
④

Qualcom CPU score



⑤

Smartphone Performance comparison



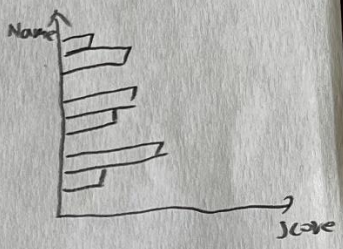
⑥

Combine & Refine

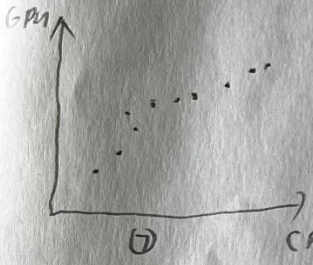
② + ③

↓↓

Soc performance

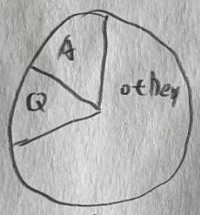


Apple and Qualcom CPU/GPU performance summary



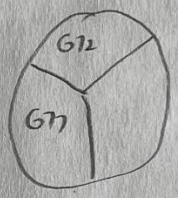
⑦

CPU Ratio



⑧

GPU Ratio

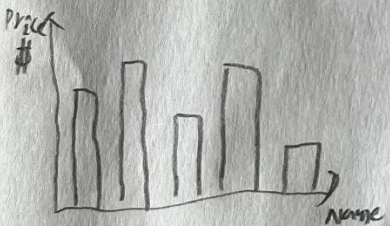


⑨

Put together the CPU and GPU score of a SoC

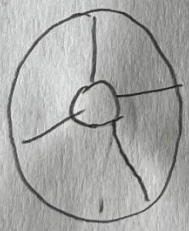
⑬

Smart phone price



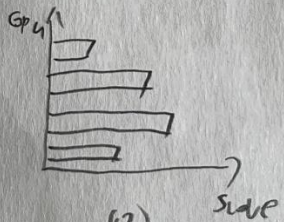
⑩

Number of CPU cores



⑪

GPU Score

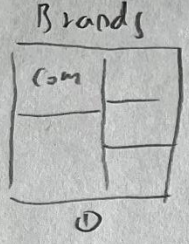


⑫

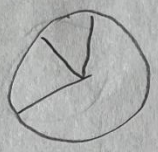
Question

1. Will the amount of date be too large or too broad
2. How to choose multiple datasets
3. How to select target data
4. Is the final display effect obvious
5. Does the final result meet the comparison target)

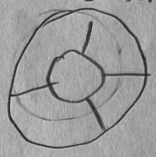
Layout



①



⑧



⑪

Title: Smart phone data

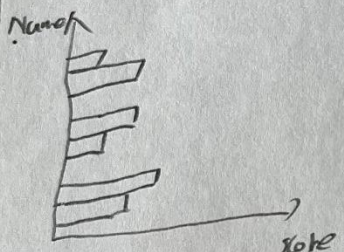
Authors: Hao Zhang

Date: 20/08/2022

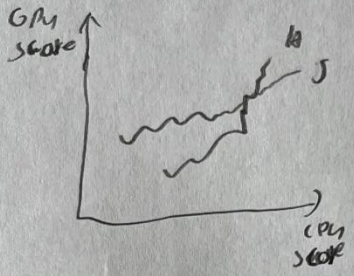
Sheet: 2

Task: complete first idea

Soc performance

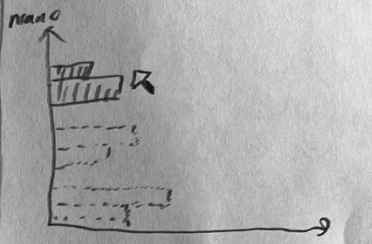


⑤



⑥

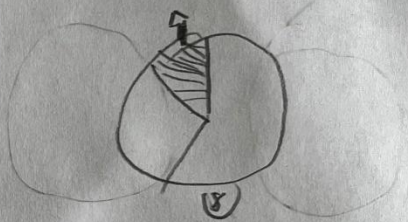
Operates:



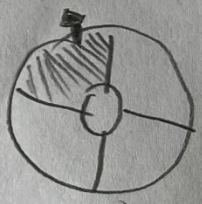
⑫

Smarephone price

⑩

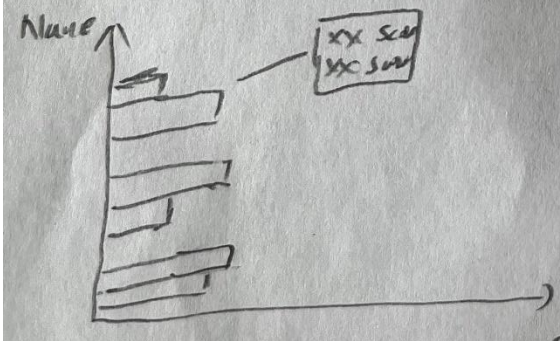


⑧



⑨

Focus:



⑬

Mouse click highlight date

Discussion:

1. may not be good for focusing
2. Data may be missing description
3. How to optimize the layout.

Layout

company

Brands ①

⑧ CPU Ratio

⑪ Number of CPU cores

Name ⑬

SoC Performance score

GPU score ⑥

A

S

Smart Phone Performance

CPU score

Price $ ⑩

Smartphone Price

Name

T: Smart Phone

A: Hao Zhang

D: 22/08/2022

S: 3

T: optimize the previous layout

Operates:

① ⇒

⑧ ⑪ ⇒

After clicking on the data the relevant description will show

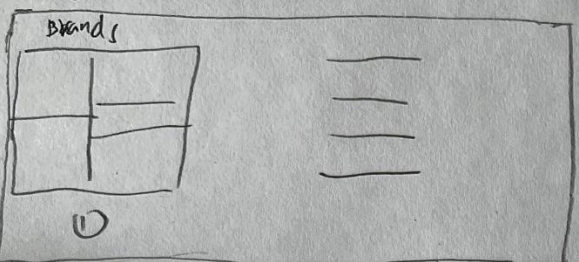
Focus:

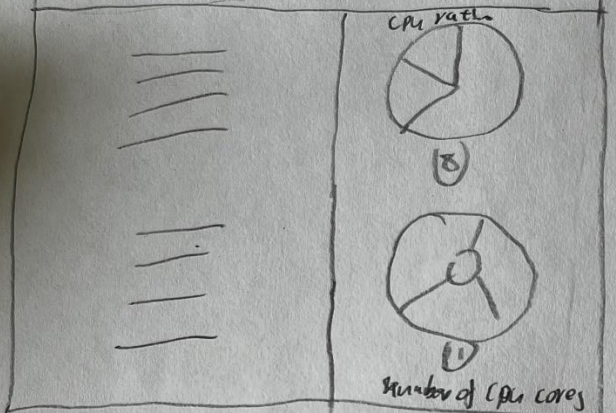
Optimize the border

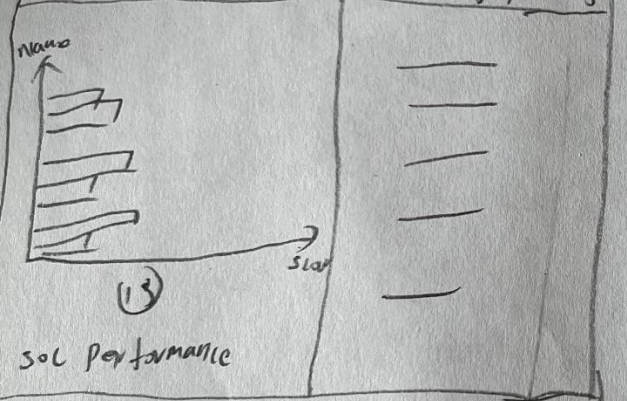
Discussion:

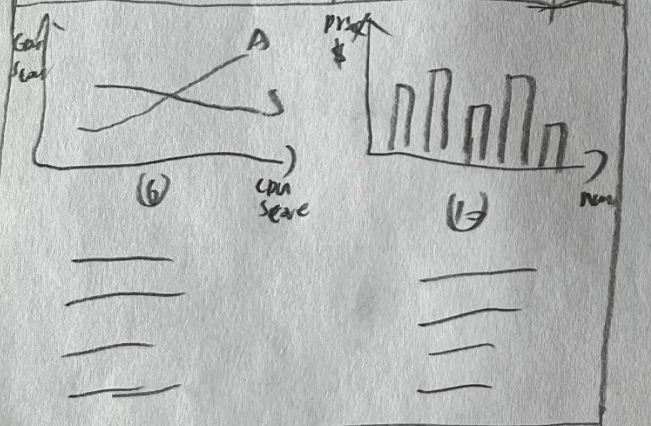
1. This distribution may make the chart less relevant
2. There may be too many items to analyze
3. How to implement the function

Layout









Conclusion:

T: Smart Phone

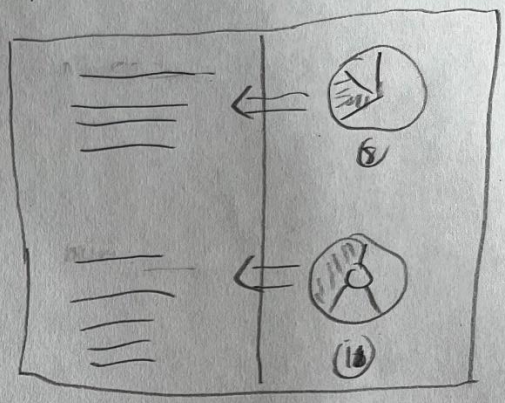
A: Hao Zhang

D: 23/08/2022

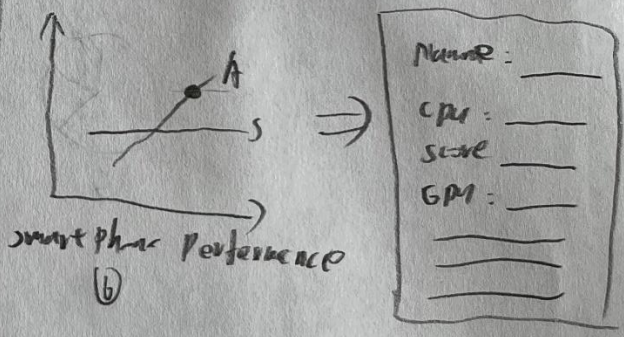
S: 4

T: Optimize the structure and increase the correlation of the chart

Operates:



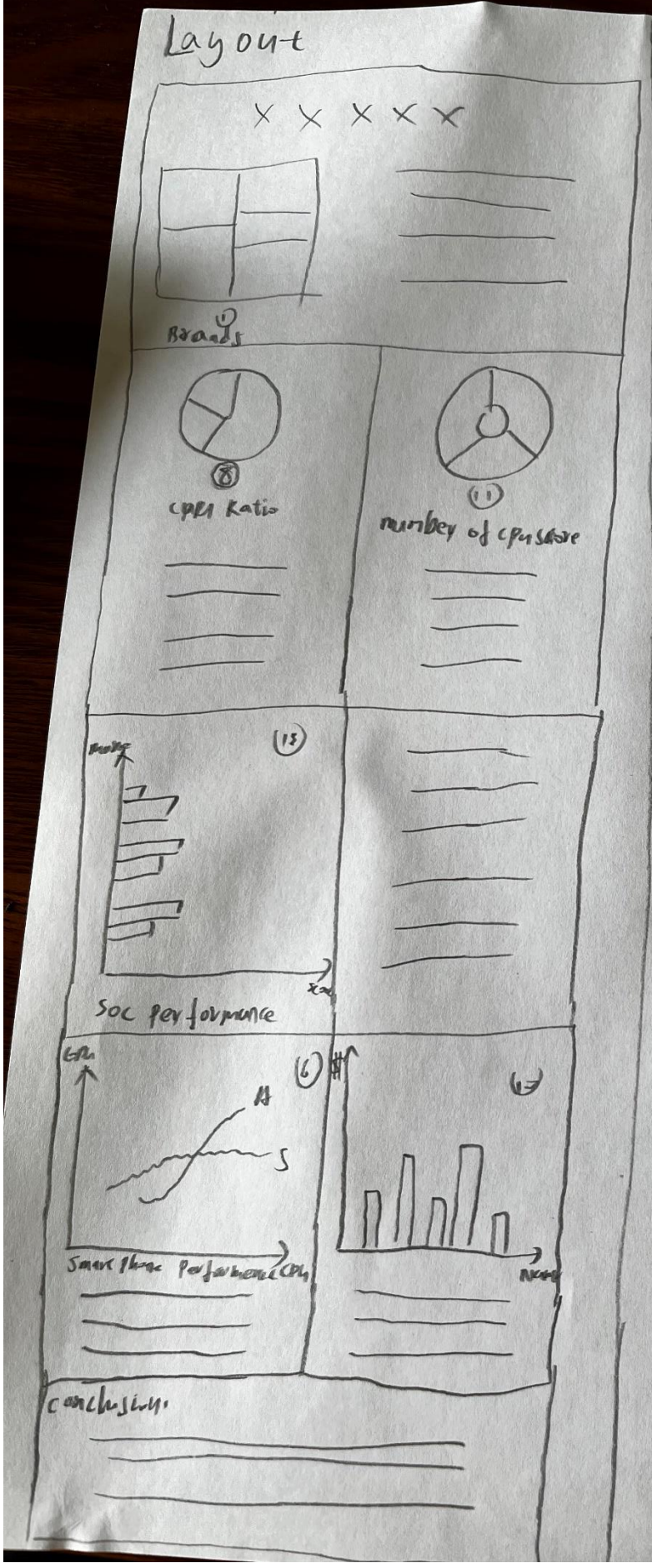
Focus:



Discussion:

1. Is the Layout good enough?
2. whether the information display is obvious?
3. Is it easy users to use?

Layout



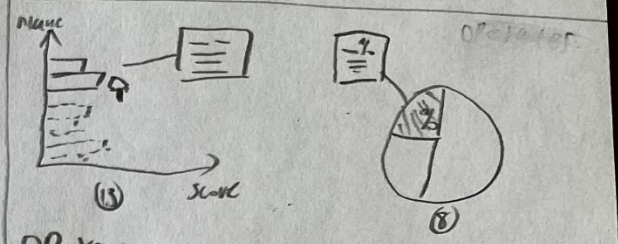
T: smart phone

A: Hao Zhang

D: 24/08/2022

S: 5

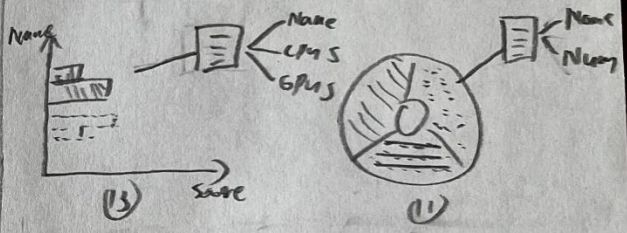
T: Finish draft. consider more details.



Operates

Focus:

Color Hug



conclusion: give some advice

Detail:

1. Tool: complete all tables with Tableau.
2. Datasets: kaggle
3. Time: About 10 days

Expect: 2 days to process dataset
complet all chart in 5 day
3 days to write a report