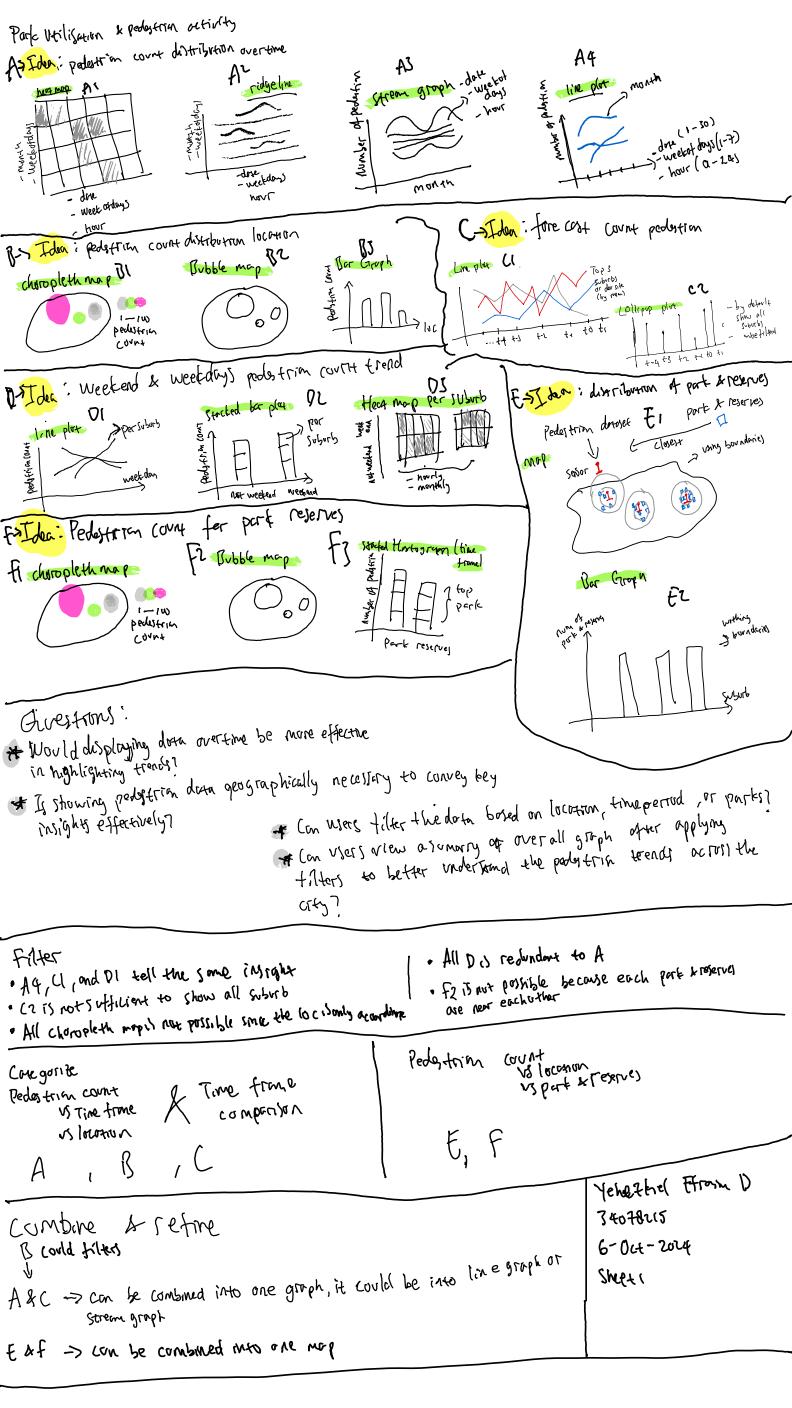
## Exploring Pedestrian Activity and Park Utilisation in Casey Suburbs

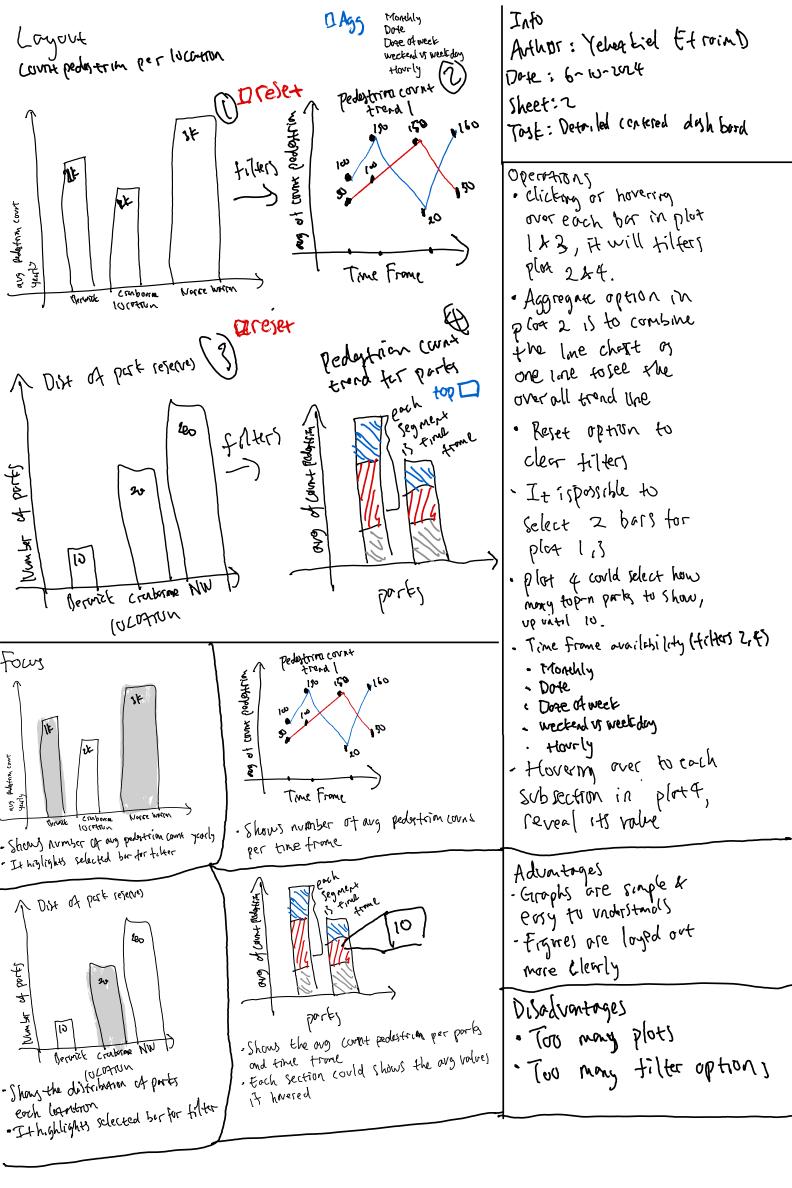
## Aims:

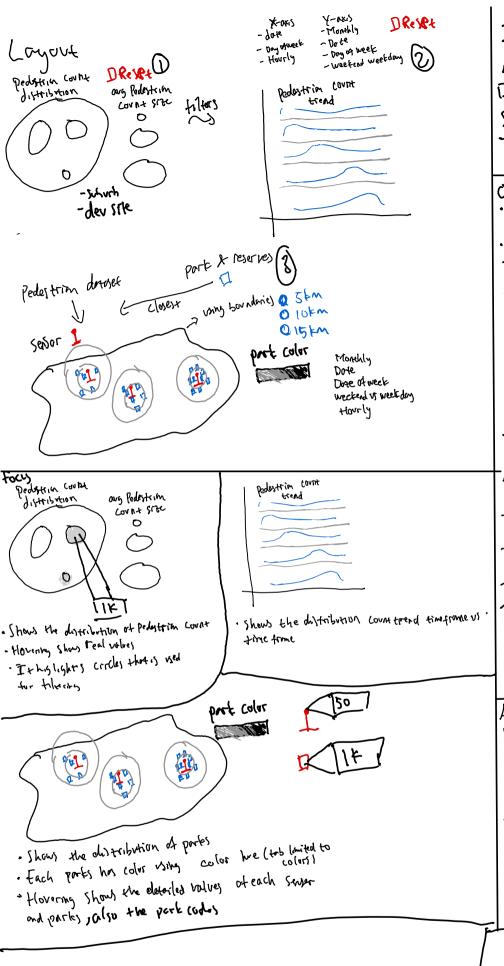
- To analyse pedestrian activity and park usage patterns in the City of Casey suburbs.
- To provide insights into peak pedestrian times and trends for weekday vs. weekend activity.
- To explore how parks and reserves are utilised and identify trends in their usage across different seasons.
- To support urban planning decisions that enhance public safety, community well-being, and sustainable development.

## Motivation:

- Rapid urbanisation in the City of Casey creates challenges in managing public spaces like parks and pedestrian pathways.
- Understanding pedestrian movement and park utilisation can guide city planners to improve infrastructure, accessibility, and community engagement.
- The goal is to make data-driven decisions that promote safer, liveable, and sustainable urban environments







Info Arthor: Yeleakiel EtroinD

Dote: 6-10-2024

Sheet:3

Tost: Vizual centered dishborid

() perotions

- · Clicking a honoring circle in plot 1 could filter plat 2.
- · Plot I could change location granularity
- Could chrose several scrobes in plate to tilta blots
- · Hoverny circle in plat I could Show any count pedestrian yearly
- Plat 2 ard gronulonty could be change:

Y-0x15 X-0415 - Monthly - gate ~ Da te

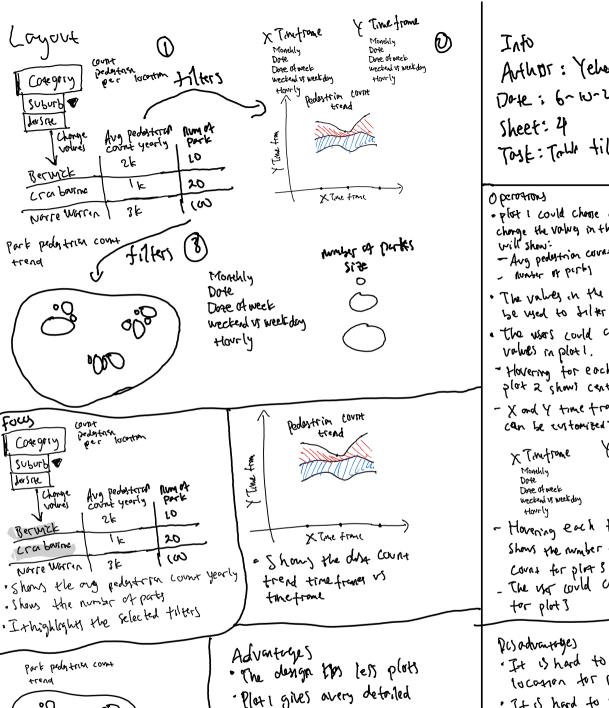
- Day Hueck - Doy of week - weekend weekdowy - Hourly
- Hovering each dust graph would Show Central Statustics.
- Hovering each park mplat 3 Shaw) the any podestrancount and the pert code
- Howevery each senser shows the urmper of borks
- Could choose the radius of circle for plats.
- Reset button for rejet the filter
- Plot 3 uses to filter timefromes
- tronehly
- Dote
- Doze of week
- weekend is week day
- · Hovely

Advintage):

- . Have flexisility to the wars
- · Users could usually see the dustribution in the map
- · The wage of the Size in plot 1, intuitively eoner for thevier.
- · The diffrent Shape in plat 3 gives a rule visivalization
- . The color have on the plot 3 makes it easier for the User to iduntify the trand
- · Plat 2 interferely shows the trend very clearly

dis attratoges

- · Too many Siltering options
- . Some plats are more difficult to
- some deterted values (place) isn't manyroused
- The shapes & crecks in plat (125) could pe overlapping and it will make it harder to persecus
- . Y-axis filter values dependion x-axis filter values, which could nake yer confuse



- · It is hard to see the trend on location for play 1.
- · It is hard to superine location ? filter on plat LAS
- · Since the park coordinate is very smooth, the size of the party for the virialisation will be small

- shows the perdattrian count freed per

900

- · Plat I gives overy detailed values
- . LESS operations such as filters and appears too thouse
- · Plate time frome viflexible

Arthor: Yeleakiel EtroinD

Dose: 6-10-2024

Tosk: Talle tilter deshberd

· plot I could choose caregory to change the valvey in the taske. It

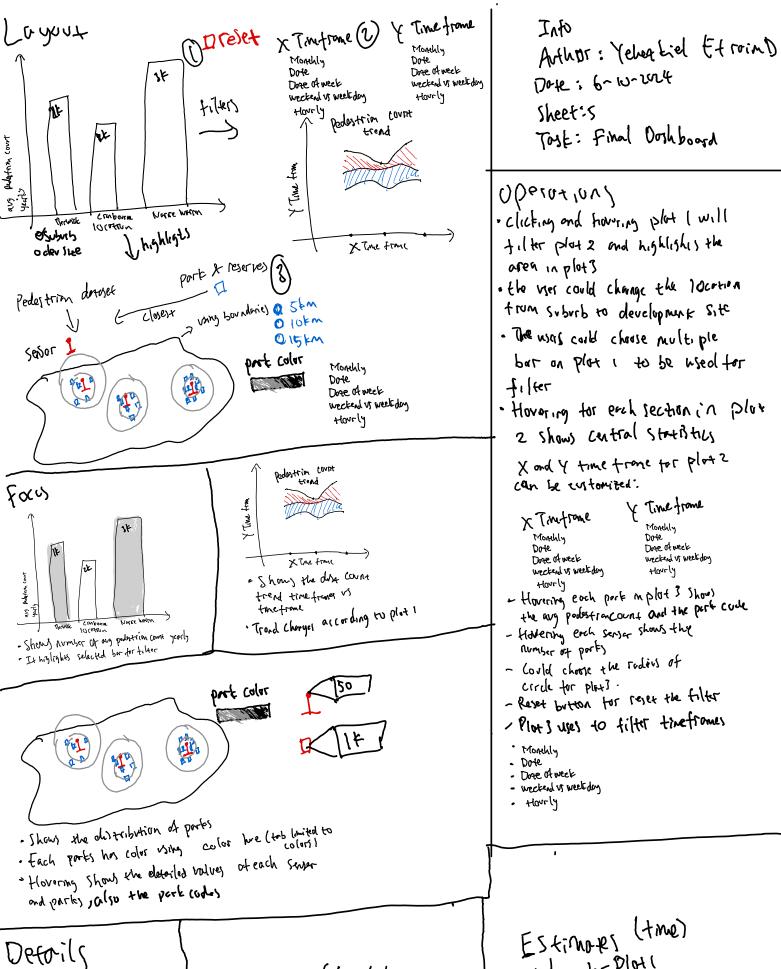
- Ang pedestrian course year ly

- · The values in the cortegery could be used to filter play 2613
- . the users could chouse multiple
- Hovering for each section in plat 2 shows central stotustics.
- X and Y time frome for plat 2 can be contomized.

4 Time frame Monthly Doge of week weekend is weekeday Hovely

- Hovening each figure in plat Shows the number any pedatrian

- The use wild charse time from



Dependencic)

= RShiny

- Wrongling R

Estimate ( ost )

- Iday for plat i

- Iday for pl