Team Role:

leader - Dillon

design survey and interview

decide dataset

documentation

designer - KY

design survey and interview

identify dataset

sketch 5 cases

create suitable evaluation form

implementer 1 (main)- hongfei ren

develop code

documentation

implementer 2 (assist) - xue jun

assist develop code

Identify a suitable graph algorithm

test interface

Plan

task we need to do finish at next monday (3/1/2022):

Empathy

5 interview - do in survey form

design survey - distribution (when design the algorithm)

Correlation - Scatterplot and bubble to determine the relationship between the number of cases per day and the state.

Ideate

find 3 dataset source

- duration 1 month - August

- state: Selangor

- dataset used:

[covid19-public/checkin\_state.csv at main · MoH-Malaysia/covid19-public · GitHub](https://github.com/MoH-Malaysia/covid19-public/blob/main/mysejahtera/checkin_state.csv)

[covid19-public/epidemic at main · MoH-Malaysia/covid19-public · GitHub](https://github.com/MoH-Malaysia/covid19-public/tree/main/epidemic) (cases\_state.csv, deaths\_state.csv, hospital.csv, icu.csv)

Variables to consider:

Date, number of check-ins, number of cases, number of deaths, number of hospitalized, number of patients in ICU.

(Week 1)

i. Roles

For the conduct of the project, our team were to be separated into different roles. This is to define people to specialize in proper objectives instead of having multiple people working on one task at a time.

Roles were categorize into:

Leader – The person who manages the team and provides documentation for the project and creates the survey and evaluation form for the project.

Designer – The person who designs the data visualization for the project and its interface.

Main Code Developer – The person who is mainly working on the graphing algorithm of the project in python.

Assistant Code Developer – The person who is assisting in the graphing algorithm, collaborating with the designer to provide reliable information to the main code developer.

iii. Planning and execution based on FILA FORM

● Empathy (Week 1)

In the Empathy stage, we were required to search and identify visualization techniques for the design of the data visualization. We were required to be familiarized with different methods of graphing. This is required so that we would identify a suitable visualization technique for the project. A survey must also be formed and be given to multiple people for their opinion on the data visualization method.

From the resources provided, several of the data and methods of plotting were chosen for the survey. This is to provide a generalized opinion of how the people think and taking in as reference for the design of our data visualization for the project.