

HKBU-ITM -Comp 7940

Group project- Line bot Group I

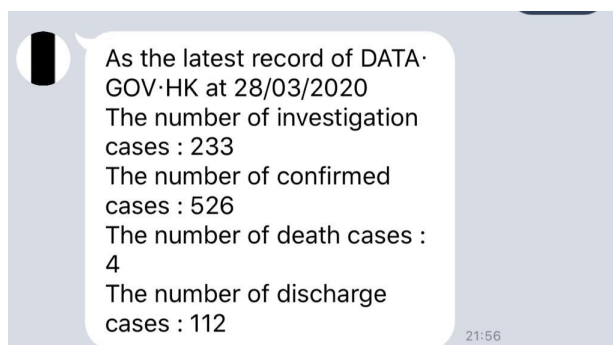
Milestone 3

In order to enhance efficacy of the line bot, our group has decided to add a queue which providing extra information to end users. And the information our line bot is quoting from data provider API of Hong Kong Government (Website: <https://data.gov.hk/tc/>). This data provider has established in recent year and providing various of data for example traffic, weather etc, and of course coronavirus. Since our project is related to coronavirus, our line bot will only quote the most updated coronavirus news published by the data provider API. The reason of selecting this API as the line bot data source is that its information is provided by Hong Kong Government, all the data must be timely and accurate.

For this new feature, we have changed the greeting message of our line bot. Originally the greeting message has two options for end user to select which are “Mask” and “Measure” that allowing user to search the mask inventory and measure video. Now we add one more option “News” in our greeting message for user to select as below:



Once the end user has input “News”, line bot will send request to the government data API for acquiring the latest value date record that content updated coronavirus data. After our line bot has earned the information, it will filter out the number of investigation cases, confirmed case, death cases, discharge cases from the return JSON query. Also, our line bot will sort out the most updated data and sharing the data source to end user, so they will learn the info our line bot sharing is reliable and updated. And below is cap screen of the reply message:



After requested information has provided to end users, our line bot will end this conversation with user by replying the ending message as below:

