Team Seagull

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**Title: Covid Search Engine**

We were having a tough time finding covid19 variant’s data, but now, we have found some data from GISAID. We will be using those data. The function we currently have are the user can search country name and view data for that country. Now, we have most of the data that we need. We just need to work in front-end.

For the advance function, we have achieved one of the advances functions, to download some data automatically using Kaggle API. We used the kaggle.json file, which contain username and key for API. Below is the example of code that we use for downloading some data. The API gets the .csv data and using another set of codes we inserted selected data into the database.

Our new automation script, which downloads from Kaggle, GitHub (using requests), and GISAID (using selenium), can be found on our project’s GitHub [here](https://github.com/MCRusher/DatabaseProject/blob/2d7ca856b702466490f065eb2b0436b0e692be9c/download_data.py)

For the second advance function, we needed data, but we recently obtained all the data, now we are working towards it.