Instruction Document

Packages for Python and Django

Numpy (pip install numpy)

Pandas (pip install pandas)

Geopandas (some of it’s pre-requirements) (pip install geopandas)

Shapely (pip install Shapely)

Django (pip install django)

Django rest framework (pip install djangorestframework)

Django pandas (pip install django\_pandas)

Django rest multiple models (pip install django-rest-multiple-models)

Instructions

1. Download the git folder corona\_project from: <https://github.com/GoCorona-org/Backend/tree/sanjanamoha/api>
2. In Command terminal
   1. Go to the directory $ ./corona\_project
   2. Run: python manage.py makemigrations corona\_app
   3. Run: python manage.py migrate
   4. Run: python manage.py runserver
3. Open <http://127.0.0.1:8000/> (No homepage rn)
4. Goto: <http://127.0.0.1:8000/corona_app> (This redirects to the intersection calculator page)
5. To see the results for the intersection calculator goto: <http://127.0.0.1:8000/corona_app/result/>
6. For medical form page: <http://127.0.0.1:8000/corona_app/medmap/> \*\*
7. To see the result goto: <http://127.0.0.1:8000/corona_app/medmap/><int:id> \*\*\*

\*\*This form saves each form entry as ‘i’th form and to see result of ith entry see \*\*\*

\*\*In this form airports, country and states have to be filled in the same format as given in the csv files with the corona\_project folder

\*\*\* To see the result for your nth entry (say 1st form) type <http://127.0.0.1:8000/corona_app/medmap/>n/

(eg: <http://127.0.0.1:8000/corona_app/medmap/>1/ )