**Full Stack Developer Capstone Project Hints**

1. **Git commands on Coursera Cloud IDE (in this order):**

git clone https://github.com/Acovid/xrwvm-fullstack\_developer\_capstone

git config --global user.email [acovid@gmail.com](mailto:acovid@gmail.com)

git config --global user.name "Aco Vidovic"

together

git config --global user.email [acovid@gmail.com](mailto:acovid@gmail.com) ; git config --global user.name "Aco Vidovic"

git add .

git commit -m"Adding temporary changes to Github"

git push

1. **Set up Python environment (in this order):**

cd server

pip install virtualenv

virtualenv djangoenv

source djangoenv/bin/activate

python3 -m pip install -U -r requirements.txt

or all at once:

cd server; pip install virtualenv; virtualenv djangoenv; source djangoenv/bin/activate; python3 -m pip install -U -r requirements.txt

1. **Python migrations (in this order):**

cd server

python3 manage.py makemigrations

python3 manage.py migrate

or all at once:

python3 manage.py makemigrations; python3 manage.py migrate

1. **Start the backend database service (in this order):**

Open a new terminal and run the following commands to start the database service:

**cd /home/project/xrwvm-fullstack\_developer\_capstone/server/database**

**docker build . -t nodeapp**

**docker-compose up**

Once the database is running, make sure you're launching the application on **port 3030** by typing into web browser: https://acovid-3030.theiadockernext-0-labs-prod-theiak8s-4-tor01.proxy.cognitiveclass.ai/

After that, if necessary, update the **backend\_url** in the **server/djangoapp/.env** file with the URL above.

1. **Build the client side and configure it (in this order):**

cd /server/frontend

npm install

npm run build

or all at once:

cd frontend; npm install; npm run build; cd ..

1. **Start the app**

cd server

python3 manage.py runserver