Code Recipe – Django

**Python manage.py startapp nameOfApp**

**python manage.py runserver**

**python manage.py migrate**

* This creates any databases needed, as specified in setting
* You need to do it after makemigrations

**python manage.py makemigrations nameOfApp**

* This updates databases from the classes created the nameOfApp.models
* i.e. you made changes to your database, and now wants to update the database to a new version, or revert back to an old one perhaps

**python manage.py sqlmigrate polls 0001**

**python manage.py createsuperuser**

Shell commands

**python manage.py shell**

* Create a shell to be used

**from polls.models import Choice, Question**

**Question.objects.all()**

* check out all instances of the question object

**Question.objects.filter(id=1)**

* filters stuff based on id

**Question.objects.filter(question\_text\_\_startswith='What')**

* other type of filter

**Server hosting**

<https://docs.djangoproject.com/en/3.0/howto/deployment/asgi/daphne/>

ngrok Is free but for testing only

<https://dashboard.ngrok.com/get-started>

to use, download the anth token, then run the cmd file

./ngrok http virtrum\_application\_demo

Can use nginX for actual hosting

<https://uwsgi-docs.readthedocs.io/en/latest/tutorials/Django_and_nginx.html>

DOMAIN connection:

* Use godaddy to buy the domain and point domain to the local IP address
* <https://askubuntu.com/questions/630053/make-domain-name-point-to-home-server>
* Then add do this
* <http://www.inopinion.org/howto/point-domain-name-home-web-server/>

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As the chief executive officer, Mr. Wu graduated from the University of Winnipeg with a Bachelor of Art (Psychology) degree in 2013 and a Bachelor of Sciences (exercise Physiology) in 2016. After working as a Head Strength and Conditioning Coach in High Performance Sports for years, he moved to Toronto, Ontario and completed his graduate degree in Progressional Kinesiology with a specialization in musculoskeletal and chronic health management at the University of Toronto in 2019. Currently Mr. Wu is a head Kinesiologist at Medcan, an execustive preventive healthcare clinic.

<https://medium.com/@boscacci/why-and-how-to-make-a-requirements-txt-f329c685181e>

pip freeze > requirements.txt

* To list all the libraries currently used

pip install -r requirements.txt

* To install them all