**Scheduler:**  Configuration Notes

**Development / Runtime Setup**

Commands

Run Google Cloud Proxy (in terminal from ‘Scheduler’ folder)

cloud\_sql\_proxy.exe -instances="scheduler-2020-06:us-east1:scheduler-dev"=tcp:3306

run local server (in python environment from ‘Scheduler/source’ folder)

python manage.py runserver

Google Cloud SDK Commands

Set project

gcloud config set project scheduler-2020-06

Update database models

python manage.py makemigrations

python manage.py makemigrations scheduler

python manage.py migrate

Update static files (copies from app static folder and assigns copies to site static folder)

python manage.py collectstatic

Deploy

gcloud app deploy

URLs

Google Cloud

<https://scheduler-2020-06.ue.r.appspot.com>

<https://scheduler-2020-06.ue.r.appspot.com/admin>

Local

[http://127.0.0.1:8000](http://127.0.0.1:8000/admin)

<http://127.0.0.1:8000/admin>

**Initial Setup**

Environment

If you use Google App Engine’s Standard Environment, it is eligible for the Free Tier pricing

**Python 3.7**

**Django 3.0.7**

**MySQL 5.7**

Set Up

1. Install Python
2. Install packages
   1. pip install Django==3.0.7
   2. pip install pymysql
   3. pip install virtualenv
3. Set up Google App Engine
   1. <https://cloud.google.com/python/django/appengine>
   2. Use Standard Environment (free tier)
   3. Enable GCP Cloud SQL and Download GCloud Proxy
4. (optional) Install MySQL
   1. MySQL Community Edition and MySQL Workbench for local use

Running Django

Windows

virtualenv env

env\scripts\activate

pip install -r requirements.txt

Linux / MacOS

virtualenv env

source env/bin/activate

pip install -r requirements.txt

Django

Superuser: david

Password: passgo200

Django Secret Keys

Dev rA$dq5Tf4RnrHEtgfAg7nM!CQkd8!GX@\*NJL&Jr9U6qtLsqbc2

Live r+3Ja4E?XyQyy9VZ9Sr=#WSvZ$-pT!mp@NqJ6e^2Z$UpP7Rek6

**Resources**

Databases

Host GCP Cloud Storage MySQL

Instance ID **scheduler-dev**

Region us-east1 (South Carolina) (us-east4 N Virginia not eligible for free tier)

Machine Type db-f1-micro (1 CPU, 614 MB memory, 10GB storage)

Connection scheduler-2020-06:us-east1:scheduler-dev

User name root

PasswordM0xrplbf521NmOko

Database scheduler

User name django

PasswordAoxZic39J0h8R2ol

FTP

Host IONOS

Server: home110061034.1and1-data.host

Port: 22

Protocol: SFTP

User name: u36957305-schedule

Password 3BfrctXFUj%sH4Yd

Webspaces

Host IONOS

Domain schedule.drsandyguide.com

Destination /drsandychung/schedule/web