**beltexam2 - examproject - 35.78.102.204**

(djangoPy3Env) examproject$ **pip freeze > requirements.txt**

(djangoPy3Env) examproject$ **touch .gitignore**

#### examproject/.gitignore

.vscode

env/

venv/

\_\_pycache\_\_/

.vscode/

db.sqlite3copy

(djangoPy3Env) examproject$ **git init**

(djangoPy3Env) examproject$ **git add --all**

(djangoPy3Env) examproject$ **git commit -m "initial commit"**

(djangoPy3Env) examproject$ **git remote add origin https://github.com/Seyadashaer/beltexam2**

(djangoPy3Env) examproject$ **git push origin master**

**EC2 AWS**

the\_folder\_containing\_your\_pem\_file$ chmod 400 your\_pem\_name.pem

the\_folder\_containing\_your\_pem\_file$ ssh -i "your\_pem\_name.pem" ubuntu@your\_instance\_address\_here

ubuntu@54.162.31.253:~$ **sudo apt-get update**

ubuntu@54.162.31.253:~$ **sudo apt-get install nginx**

ubuntu@54.162.31.253:~$ **git clone [https://github.com/seyadashaer/beltexam2](https://github.com/seyadashaer/myrepo)**

ubuntu@54.162.31.253:~$ **sudo apt-get install python3-venv**

ubuntu@54.162.31.253:~$ **cd beltexam2**

ubuntu@54.162.31.253:~/beltexam2$ **python3 -m venv venv**

ubuntu@54.162.31.253:~/beltexam2$ **source venv/bin/activate**

(venv) ubuntu@54.162.31.253:~/beltexam2$ **pip install django==2.2**

**pip install --upgrade pip**

**pip install setuptools\_rust**

**pip install bcrypt**

(venv) ubuntu@54.162.31.253:~/beltexam2$ **pip install bcrypt**

(venv) ubuntu@54.162.31.253:~/beltexam2$ **pip install gunicorn**

(venv) ubuntu@54.162.31.253:~/beltexam2$ **cd examproject**

(venv) ubuntu@54.162.31.253:~/beltexam2/examproject$ **sudo vim settings.py**

DEBUG = False

ALLOWED\_HOSTS = ['35.78.102.204']

STATIC\_ROOT = os.path.join(BASE\_DIR, "static/")

(venv) ubuntu@54.162.31.253:~/beltexam2/examproject$ **cd ..**

(venv) ubuntu@54.162.31.253:~beltexam2$ **python manage.py collectstatic**

(venv) ubuntu@54.162.31.253:~beltexam2$ **python manage.py makemigrations**

(venv) ubuntu@54.162.31.253:~beltexam2$ **python manage.py migrate**

(venv) ubuntu@54.162.31.253:~beltexam2$ **gunicorn examproject.wsgi**

**deactivate**

ubuntu@54.162.31.253:~beltexam2$ **sudo vim /etc/systemd/system/gunicorn.service**

[Unit]

Description=gunicorn daemon

After=network.target

[Service]

User=ubuntu

Group=www-data

WorkingDirectory=/home/ubuntu/beltexam2

ExecStart=/home/ubuntu/beltexam2/venv/bin/gunicorn --workers 3 --bind unix:/home/ubuntu/beltexam2/examproject.sock examproject.wsgi:application

[Install]

WantedBy=multi-user.target

ubuntu@54.162.31.253:~$ **sudo systemctl daemon-reload**

ubuntu@54.162.31.253:~$ **sudo systemctl restart gunicorn**

ubuntu@54.162.31.253:~$ **sudo systemctl status gunicorn**

ubuntu@54.162.31.253:~$ **sudo vim /etc/nginx/sites-available/examproject**

server {

listen 80;

server\_name 35.78.102.204;

location = /favicon.ico { access\_log off; log\_not\_found off; }

location /static/ {

root /home/ubuntu/beltexam2;

}

location / {

include proxy\_params;

proxy\_pass http://unix:/home/ubuntu/beltexam2/examproject.sock;

}

}

ubuntu@54.162.31.253:~$ **sudo ln -s /etc/nginx/sites-available/examproject /etc/nginx/sites-enabled**

ubuntu@54.162.31.253:~$ **sudo nginx -t**

ubuntu@54.162.31.253:~$ **sudo rm /etc/nginx/sites-enabled/default**

ubuntu@54.162.31.253:~$ **sudo service nginx restart**