Make the cookie cutter Django app with the in blog specifications

python3.9 -m venv djangodeploy

python3.9 -m pip install --trusted-host pypi.python.org --trusted-host files.pythonhosted.org --trusted-host pypi.org django==4.1

echo "export SECRET\_KEY='$(openssl rand -hex 40)'" > .DJANGO\_SECRET\_KEY

source .DJANGO\_SECRET\_KEY

python3.9 -m pip install

--trusted-host pypi.python.org --trusted-host files.pythonhosted.org --trusted-host pypi.org ht

tpie

alias GET='http --follow --timeout 6'

python manage.py check

nohup python manage.py runserver &

jobs -l

python3.9 manage.py migrate

python3.9 -m pip install

--trusted-host pypi.python.org --trusted-host files.pythonhosted.org --trusted-host pypi.org '

gunicorn

sudo mkdir -pv /var/{log,run}/gunicorn/

sudo chown -cR ubuntu:ubuntu /var/{log,run}/gunicorn/

gunicorn -c config/gunicorn/dev.py

sudo apt-get install -y nginx

cd "/etc/nginx/sites-available"

sudo chown -cR skuehl /etc/nginx/sites-available/supersecure

sudo touch supersecure

nano supersecure

write the following to it:

server\_tokens off;

access\_log /var/log/nginx/supersecure.access.log;

error\_log /var/log/nginx/supersecure.error.log;

# This configuration will be changed to redirect to HTTPS later

server {

server\_name .supersecure.codes; #change this to domain name

listen 80;

location / { proxy\_pass <http://localhost:8000>;

proxy\_set\_header Host $host;

}

}

Now inside Django project dir:

mkdir -p static/js

cd static/js

touch greenlight.js

nano greenlight.js

add this to it:

// Enlarge the #changeme element in green when hovered over (function () { "use strict"; function enlarge() { document.getElementById("changeme").style.color = "green"; document.getElementById("changeme").style.fontSize = "xx-large"; return false; } document.getElementById("changeme").addEventListener("mouseover", enlarge); }());

The go back to project dir then:

cd testproject

nano settings.py

add to it:

STATIC\_URL = "/static/" # Note: Replace 'supersecure.codes' with your domain STATIC\_ROOT = "/var/www/supersecure.codes/static" STATICFILES\_DIRS = [BASE\_DIR / "static"]

Then in myapp/templates/myapp/home.html add:

<script src="/static/js/greenlight.js">

sudo mkdir -pv /var/www/supersecure.codes/static/

sudo chown -cR skuehl /var/www/supersecure.codes/

back in Django project dir:

python3 manage.py collectstatic

in /etc/nginx/sites-available/ add the following to the file “supersecure” under the other “location”:

location /static { autoindex on; alias /var/www/supersecure.codes/static/; }

in testproject/settings.py:

DEBUG = False

Open the file /etc/nginx/nginx.conf and replace the “ssl\_protocols” line with:

ssl\_protocols TLSv1.2 TLSv1.3;

sudo snap install --classic certbot

sudo ln -s /snap/bin/certbot /usr/bin/certbot

sudo certbot --nginx --rsa-key-size 4096 --no-redirect