

TASK – 19

DJANGO PROJECT

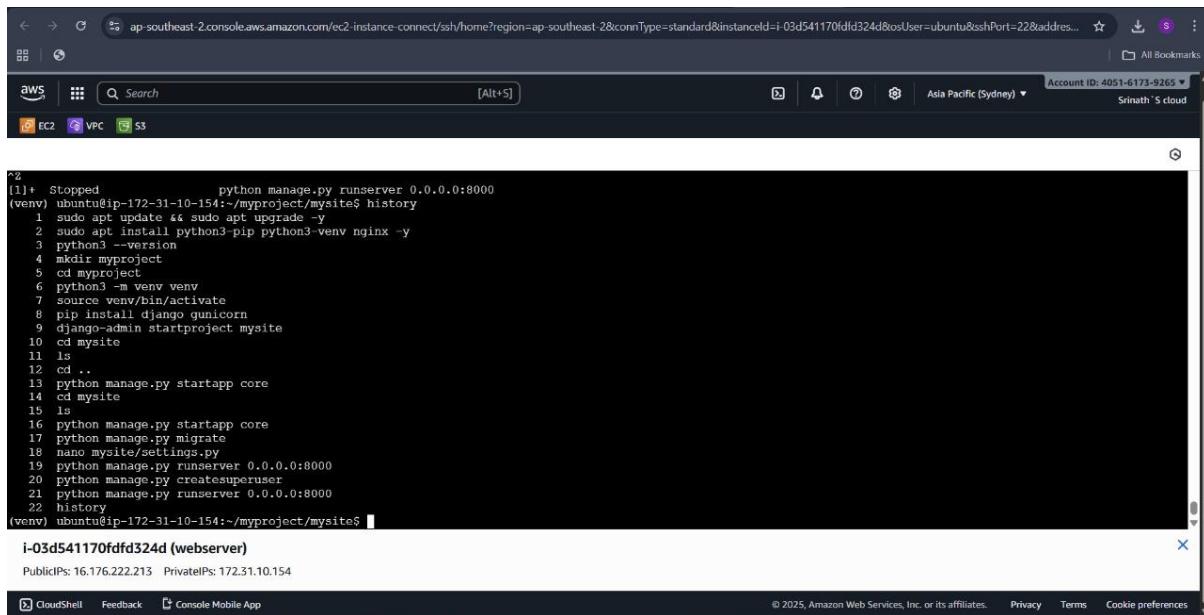
What is Django:

Django is a high-level, free, open-source Python web framework that helps developers build complex, database-driven websites quickly and efficiently by providing reusable components and handling common tasks like user authentication, security, and database management.

Gunicorn:

Gunicorn (Green Unicorn) is a production-ready **pure-Python WSGI HTTP server** for UNIX-like systems. It is used to run Python web applications built with frameworks like Django and Flask in a live production environment, as their built-in development servers are not suitable for high traffic and production needs.

History of ec2

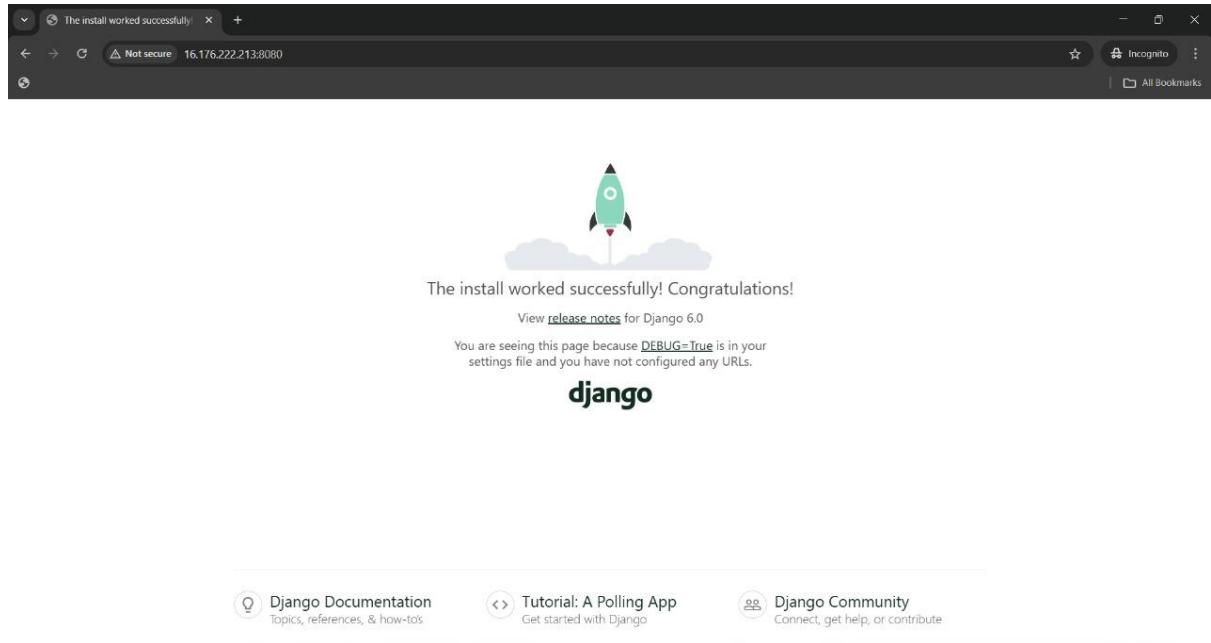


```
[1]+ Stopped                  python manage.py runserver 0.0.0.0:8000
(venv) ubuntu@ip-172-31-10-154:~/myproject/mysite$ history
1 sudo apt update && sudo apt upgrade -y
2 sudo apt install python3-pip python3-venv nginx -y
3 python3 --version
4 mkdir myproject
5 cd myproject
6 python3 -m venv venv
7 source venv/bin/activate
8 pip install django gunicorn
9 django-admin startproject mysite
10 cd mysite
11 ls
12 cd ..
13 python manage.py startapp core
14 cd mysite
15 ls
16 python manage.py startapp core
17 python manage.py migrate
18 nano mysite/settings.py
19 python manage.py runserver 0.0.0.0:8000
20 python manage.py createsuperuser
21 python manage.py runserver 0.0.0.0:8000
22 history
(venv) ubuntu@ip-172-31-10-154:~/myproject/mysite$
```

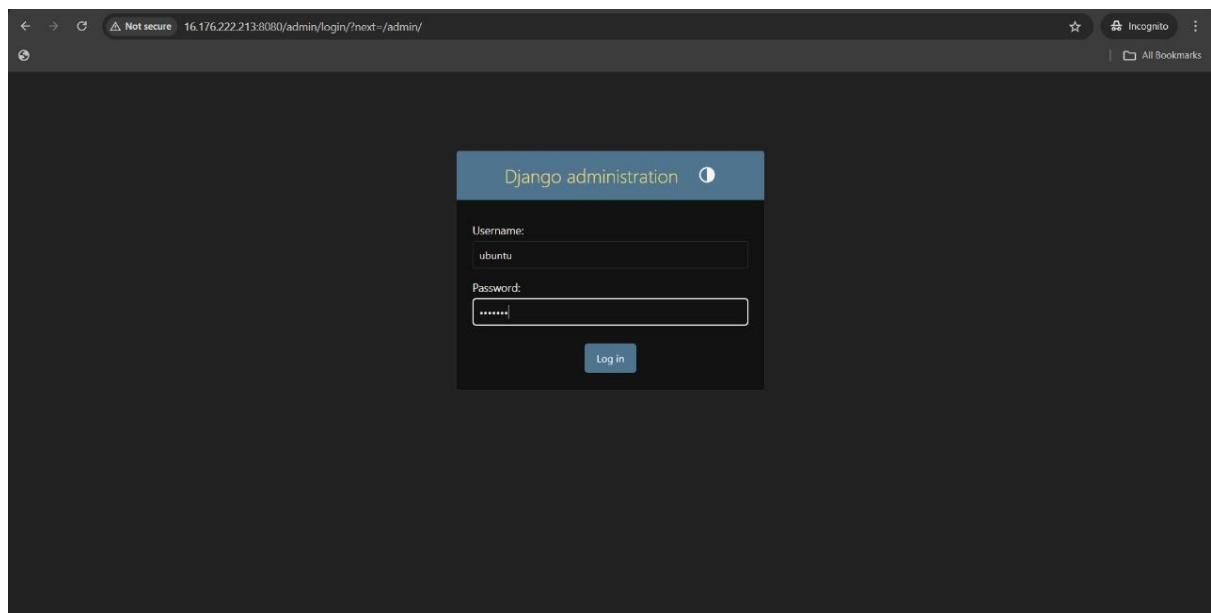
I-03d541170fdfd324d (webserver)
Public IPs: 16.176.222.213 Private IPs: 172.31.10.154

CloudShell Feedback Console Mobile App © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Output:



Admin login page:



This is the screenshot after login the Django:

