Backend playbook

--- #(backend server playbook )

- name: config backend servers

hosts: backend

remote\_user: ansibleServer

become: yes

gather\_facts: yes

tasks:

- name: install package for chat app

action: apt name=python3-pip state=present

- name: intall python3-dev

action: apt name=python3-dev state=present

- name: Install virtualenv python package

pip:

name: virtualenv

- name: Clone a github repository

git:

repo:https://github.com/Smita1706/new\_chatapp.git

dest: new\_chatapp

clone: yes

- name: Install specified python requirements in indicated (virtualenv)

pip:

requirements: /home/ubuntu/new\_chatapp/requirements.txt

virtualenv: /home/ubuntu/new\_chatapp/venv

- name: install package for chat app

action: apt name=default-libmysqlclient-dev state=present

- name: install package for chat app

action: apt name=libssl-dev state=present

- name: install mysqlclient

pip:

name: mysqlclient

virtualenv: /home/ubuntu/new\_chatapp/venv

- name: install package for chat app

action: apt name=python3-psycopg2 state=present

- name: install psycopg2-binary

pip:

name: psycopg2-binary

virtualenv: /home/ubuntu/new\_chatapp/venv

- name: Run migrate-command

django\_manage:

command: migrate

app\_path: /home/ubuntu/new\_chatapp/fundoo

pythonpath: /home/ubuntu/new\_chatapp/fundoo

virtualenv: /home/ubuntu/new\_chatapp/venv

- name: Copying gunicorn configurations to chatapp

copy:

src: /home/ubuntu/config/gunicorn.service

dest: /etc/systemd/system/gunicorn.service

- name: restart gunicorn srvice

systemd:

name: gunicorn

daemon\_reload: yes

state: started

enabled: yes

- name: uninstall PyJWT

pip:

name: PyJWT==1.7.1

state: absent

virtualenv: /home/ubuntu/new\_chatapp/venv

- name: install PyJWT

pip:

name: PyJWT==1.7.1

state: present

virtualenv: /home/ubuntu/new\_chatapp/venv

- name: restart gunicorn srvice

systemd:

name: gunicorn

state: restarted

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Some notes\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Host : host name for backend you gave in inventry file of ansible

Github repo : give your repo link for that you have to fork anyones gitehub repo in your repo

Ubuntu : it is the user which you created in 3 servers you can change that if you created another name