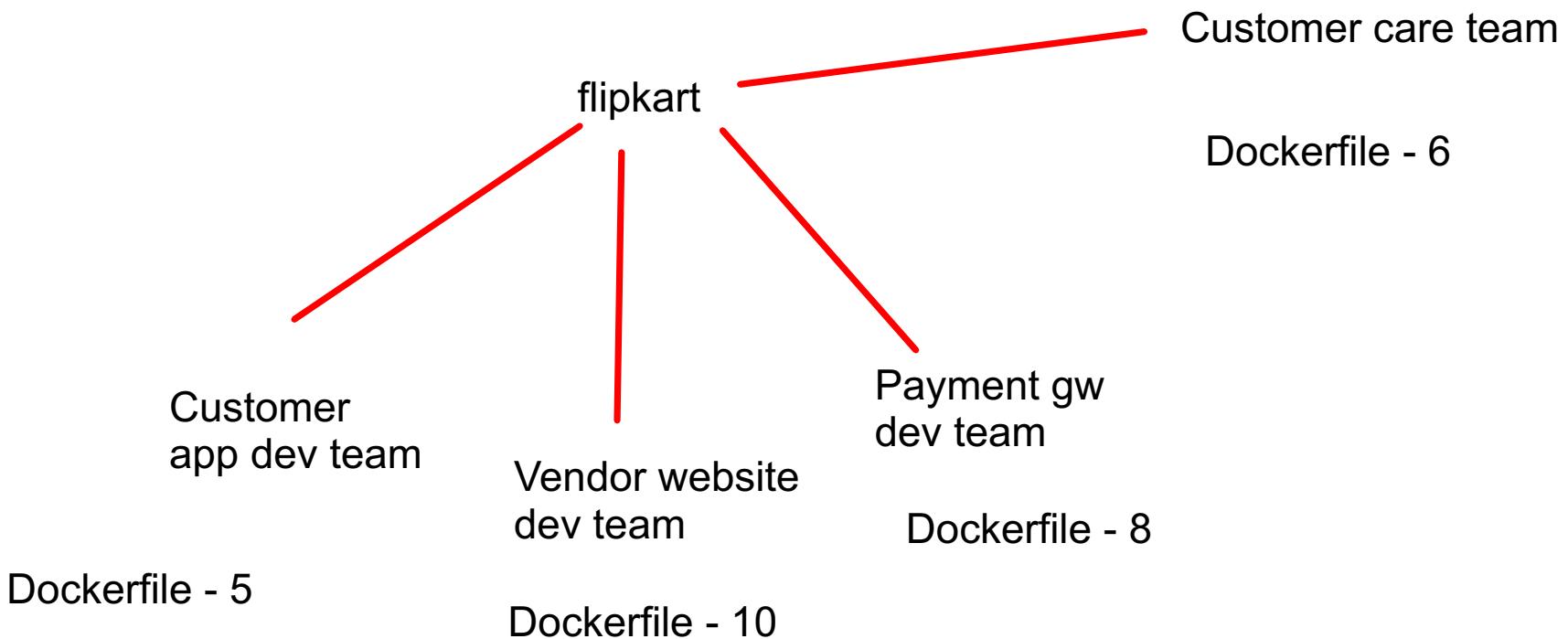


Docker compose



To deploy this application we need to deploy 29 docker files which is a big task....to troubleshoot this issue we have docker compose

Developer will write a dockerfcompose.yml file and they will define what all is dockerfile will be executed. so if you just execute the dockercompose file ...all the dockerfiles will be automatically executed.

- FE:
 - dockerfile
- Customercare
 - Technical:
 - dcokerfile
 - Othersupport
 - dockerfile

dockercompose.yml

Docker-Compose is used to manage several containers at the same time for the same application. This tool offers the same features as Docker but allows you to have more complex applications.

lab:

<https://github.com/akshu20791/docker-compose-lab>

launch a ubuntu ec2 machine

```
sudo su
apt update
apt install docker.io -y
apt install docker-compose -y
```

```
git clone https://github.com/akshu20791/docker-compose-lab
```

```
cd docker-compose-lab
```

```
ls
```

```
docker-compose build      #this command will execute the dockercompose file
```

```
docker-compose up -d
```

```
#-d : start running the app in detach mode
```

```
root@ip-172-31-4-44:/home/ubuntu/docker-compose-lab# docker-compose up -d
Creating network "docker-compose-lab_default" with the default driver
Creating docker-compose-lab_server_1 ... done
Creating docker-compose-lab_client_1 ... done
root@ip-172-31-4-44:/home/ubuntu/docker-compose-lab# █
```

the app works on port 1234 . you can even find the port in docker-compose.yml file

go to security of the machine and enable port 1234



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