포팅메뉴얼 제출용

버전

API Server

Django==4.1.1

Database

MongoDB 6.0

Client

React - 18.2.0

Getting Started

Setting Environment Variables (관련 자료 문서 하단에 있습니다.)

.env // for React
.env // for Django

AWS

- EC2

MongoDb

Run the application

Client

npm i && run start

Api Server

.env 설정

py manage.py runserver

Docker

Django

```
docker run -d -p 8000:8000 --name apidjango --network backend apidjango
```

MongoDB

```
docker run -d --rm -p 27017:27017 --name mongodb \
-v /mongod/cnf/mongod.conf:/etc/mongod.conf \
-v /mongod/data:/data/db \
-e MONGO_INITDB_ROOT_USERNAME=airname108 \
-e MONGO_INITDB_ROOT_PASSWORD=sally2596 \
mongo --config /etc/mongod.conf
```

React

```
docker run -d --name client -p 3000:3000 client
```

Jenkins

```
docker run -d -p 9090:8080 -p 50000:50000 -v /var/jenkins:/var/jenkins_home -v /var/run/docker.sock:/var/run/docker.sock --name je
```

Nginx

`/etc/nginx/sites-available/default.conf`

```
upstream apidjango{
    server 172.18.0.2:8000;
}

# 프론트엔드 upstream 설정
upstream client {
    server 172.17.0.4:3000;
}

server {
    server_name airname.shop; # managed by Certbot

        location ~ ^/(api) {
            proxy_redirect off;
            rewrite ^/api/(.*)$ /$1 break;
            proxy_pass http://apidjango;
        }

    # / 경로로 오는 요청을 프론트엔드 upstream 의 / 경로로 포워딩
        location / {
            proxy_pass        http://client/;
        }


    listen 443 ssl; # managed by Certbot
    ssl_certificate /etc/letsencrypt/live/airname.shop/fullchain.pem; # managed by Certbot
    ssl_certificate_key /etc/letsencrypt/live/airname.shop/privkey.pem; # managed by Certbot
    include /etc/letsencrypt/options-ssl-nginx.conf; # managed by Certbot
    ssl_dhparam /etc/letsencrypt/ssl-dhparams.pem; # managed by Certbot

}
server {
    listen 80 ;
    listen [::]:80 ;
    server_name airname.shop;
    return 301 https://$host$request_uri;
}
```

참고자료

API Server

`.env`

```
DATABASE_USER=airname108
DATABASE_PASS=sally2596
```

Client

`.env`

```
REACT_APP_KAKAO_API_KEY="2c0f7f088cd8d1d2b7b4853338a209e5"
REACT_APP_GOOGLE_ANALYTICS_TRACKING_ID="G-H62LH3PSMW"
```

DB 덤프

용량 문제로 에듀싸피에 제출 하였습니다.

AIR Name 실행화면 설명서

https://s3-us-west-2.amazonaws.com/secure.notion-static.com/fd9a0fdc-cc1a-45e9-8004-525fcd9262c5/AIRNAME_%EC%8B%9C%EC%97%B0%EC%8B%9C%EB%82%98%EB%A6%AC%EC%98%A4.pdf