

Vcard(HRNC) Application Document

Environment

Development Environmet:

1. Python 3.8.10
2. ssh tool (putty/xshell/...)
3. ftp tool (FileZilla/xftp/...)

Production Environment

SSH & FTP:

1. IP: 10.1.1.134 Port: 22
2. Username: xensetech
3. Password: xt@WEB01

Install Requirements for Python

```
pip install -r requirements.txt
```

BT Panel

<http://10.1.1.134:8888/b2957081>

username: makgvtxp

password: 343c3940

This Panel is a easy way to manage web server (Nginx)

Supervisor

Supervisor is a managment tool for process. For this project, supervisor is used to run the django program in background process.

There are some useful command:

```

sudo su
supervisorctl -c /etc/supervisord.conf start vcard //start the program
supervisorctl -c /etc/supervisord.conf stop vcard //stop the program
supervisorctl -c /etc/supervisord.conf restart vcard //restart the program
vim /etc/supervisord.conf //edit the config file for supervisor (May need
to learn about how to use vim first)

```

Code Structure

```

├─data.xlsx
├─manage.py    //manage file for django
├─requirements.txt
├─vcard
│   ├──asgi.py
│   ├──code.png
│   ├──sample.vcf
│   ├──settings.py
│   ├──urls.py    //controller for the vcard project
│   ├──views.py   //view for the vcard project
│   ├──wsgi.py
│   ├──__init__.py
│   └──__pycache__
├─templates
│   └──index.html //index html file
├─static    //folder for static files
│   ├──favicon.ico
│   ├──logo.png
│   ├──logo.svg
│   ├──sample.xlsx
│   ├──script.js
│   └──style.css

```

About code

There is one difference between the version in production environment and source code.
For the settings.py file in source code, there is such a variable

```
STATICFILES_DIRS = (os.path.join(BASE_DIR, 'static'),)
```

But in the production environment, as we are using supervisor to handle the process, the variable need to be modified as

```
STATICFILES_DIRS = os.path.join(BASE_DIR, 'static')
```

I don't know why and I just know it will work :)