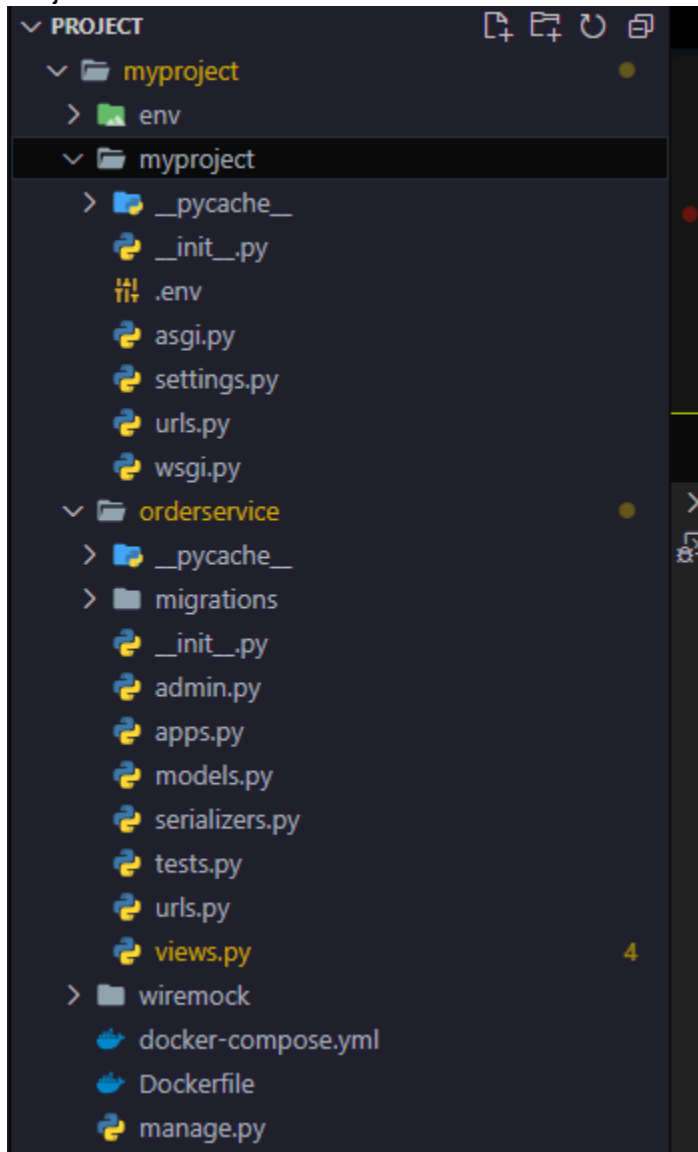


Project Structure



First we will run on local device

Install the following program

1. VS Code
2. Python
3. Pip
4. Postgres
5. Docker
6. Rabbitmq
7. Docker Desktop

Open a folder in VS Code

8. Create a Virtual Environment with
Python -m venv env
9. Activate the environment
env/Scripts/Activate
10. Open the project in the same folder and install the requirements
Pip install -r requirements.txt

11. Install Postgres SQL
After installation of postgres Sql you need to create database
Install pgAdmin and create a database called microservices

12. Edit environment variable in django project setting.py file

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.postgresql',  
        'NAME': 'microservices',  
        'USER': 'postgres',  
        'PASSWORD': 'yourdbpassword',  
        'HOST': 'db',  
        'PORT': '5432',  
    }  
}
```

13. Run the following command
Python manage.py runserver

Click on <http://127.0.0.1:8000>
It will run the application

On the url type /orders
Now you can create orders

=====

How to access it through docker?

Write on the terminal
Docker compose build
Then write docker compose up

Click on <http://127.0.0.1:8000/orders>
Click this for rabbitmq <http://localhost:15672/>
Enter the username hellofresh
Enter the password food

Now you will see the matrix of orders you are creating.