Integrate React +Django REST Framework

1. install django cors headers

pip install django-cors-headers

2. Go to setings.py

3. Add corsheaders in instaled Apps

INSTALLED\_APPS = [  
.  
.   
.  
#local apps  
'products.apps.ProductsConfig',  
#3rd party  
'rest\_framework',  
'corsheaders',  
]

4. Add corsheaders middleware

MIDDLEWARE = [  
 .  
 .  
 .  
 #new middleware  
 'corsheaders.middleware.CorsMiddleware',  
 'django.middleware.common.CommonMiddleware',  
]

5. Add CORS\_ALLOWED\_ORIGINS

CORS\_ALLOWED\_ORIGINS = [  
"http://localhost:3000"  
]  
CORS\_ALLOW\_ALL\_ORIGINS = True  
CORS\_ALLOW\_CREDENTIALS = True

6. activate venv

cd D:\my\_project\venv\Scripts

D:\my\_project\venv\Scripts .\Activate.ps1

7. Activate venv look like this

(venv) PS D:\my\_project\venv\Scripts

8. Run server

cd D:\my\_project

cd D:\my\_project python manage.py runserver

9. Runing server look like this

System check identified no issues (0 silenced).

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Django version 4.2.3, using settings 'game\_rest\_server.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.