```
dima@dima-TUF-GAMING-FX504GD-FX80GD:~/PycharmProjects/pythonProject2/lab_29/my_project$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

dima@dima-TUF-GAMING-FX504GD-FX80GD:~/PycharmProjects/pythonProject2/lab_29/my_project$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

dima@dima-TUF-GAMING-FX504GD-FX80GD:~/PycharmProjects/pythonProject2/lab_29/my_project$
```

```
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ sudo ss -lptn 'sport = :5432'
[sudo] пароль для dima:
State Recv-Q Send-Q Local Address:Port Peer Address:Port Process
LISTEN 0 244 127.0.0.1:5432 0.0.0.0:* users:(("postgres",pid=1158,fd=3))
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ sudo ss -lptn 'sport = :5432'
State Recv-Q Send-Q Local Address:Port Peer Address:Port Process
LISTEN 0 244 127.0.0.1:5432 0.0.0.0:* users:(("postgres",pid=1158,fd=3))
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ kill 1158
bash: kill: (1158) - Onepaugum; ne nosmoneha
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ sudo kill 1158
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ sudo ss -lptn 'sport = :5432'
State Recv-Q Send-Q Local Address:Port Peer Address:Port Process
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ sudo ss -lptn 'sport = :5432'
State Recv-Q Send-Q Local Address:Port Peer Address:Port Process
```

docker run --name my\_project -p 5432:5432 -e POSTGRES\_USER=postgres -e POSTGRES\_PASSWORD=lab\_29 -e POSTGRES\_DB=lab\_29 -d postgres:15.1

```
diampdina-TUF-GANING-FX594GD-FX598GD:-/PycharmProjects/pythonProject2/lab_29/my_project$ docker run --name my_project -p 5432:5452 -e POSTGRES_USER:postgres -e POSTGRES_PASSMORD-lab_29 -e POSTGRES_DB=lab_29 -d postgres:15.1 Unable to find image 'postgres:15.1' locally
15.1: Pulling from library/postgres
8740c948ff4d: Pulling from library/postgres
8740c948ff4d: Pulling fs layer
68dod2beab0s: Pull complete
68dod2beab0s: Pull complete
68dod2beab0s: Pull complete
68dod3beab0s: Pull complete
88dod3beab0s: Pull complete
88dod3beab0s:
```

```
dima@dima-TUF-6AMING-FX5846D-FX886D:~/PycharmProjects/pythonProject2/lab_29/my_project$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

postgres 15.1 9f3ec01f884d 13 days ago 379MB

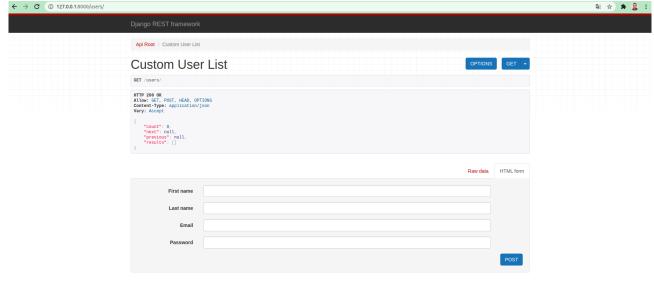
dima@dima-TUF-6AMING-FX5846D-FX886D:~/PycharmProjects/pythonProject2/lab_29/my_project$ docker ps

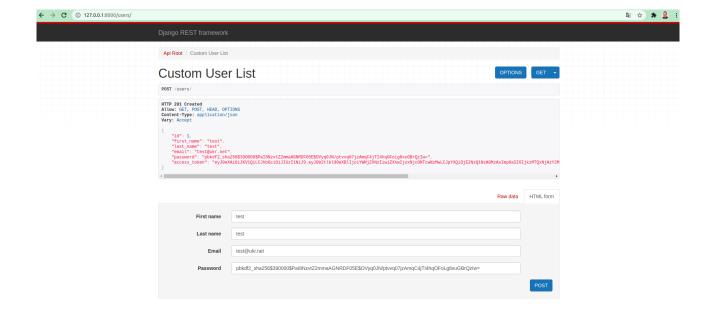
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

e77f3e866d2b postgres:15.1 "docker-entrypoint.s..." 2 minutes ago Up 2 minutes 0.0.0.0:5432->5432/tcp, :::5432->5432/tcp my_project

dima@dima-TUF-6AMING-FX5846D-FX886D:~/PycharmProjects/pythonProject2/lab_29/my_project$
```

```
.
Cdima@dima-TUF-GAMING-FX504GD-FX80GD:~/PycharmProjects/pythonProject2/lab_29/my_project$ python3 manage.py makemigrations
 posts/migrations/0001_initial.py
   - Create model CustomUser
    - Create model Posts
lima@dima-TUF-GAMING-FX584GD-FX88GD:~/PycharmProjects/pythonProject2/lab_29/my_project$ python3 manage.py migrate
 Apply all migrations: admin, auth, contenttypes, posts, sessions
 Applying contenttypes.0001_initial... OK
 Applying contenttypes.0002_remove_content_type_name... OK
 Applying auth.0003_alter_user_email_max_length... OK
 Applying auth.0004_alter_user_username_opts... OK
 Applying auth.0005_alter_user_last_login_null... OK
 Applying auth.0009_alter_user_last_name_max_length... OK
 Applying auth.0010_alter_group_name_max_length... OK
 Applying auth.0011_update_proxy_permissions... OK
 Applying posts.0001_initial... OK
 Applying admin.0001_initial... OK
lima@dima-TUF-GAMING-FX504GD-FX80GD:~/PycharmProjects/pythonProject2/lab_29/my_project$ python3 manage.py runserver
Performing system checks...
System check identified no issues (0 silenced).
January 24, 2023 - 14:25:30
Starting development server at http://127.0.0.1:8000/
```





```
$ sudo ss -lptn 'sport =
                                            Local Address:Port
State
             Recv-0
                          Send-0
                                                                             Peer Address:Port
                                                                                                       Process
                                                                                                        users:(("docker-proxy",pid=5471,fd=4))
users:(("docker-proxy",pid=5479,fd=4))
                          4096
                                                                                   0.0.0.0:*
LISTEN
                                                    0.0.0.0:5432
LISTEN
             0
                          4096
                                                       [::]:5432
 ima@dima-TUF-GAMING-FX504GD-FX80GD:~$
```

```
wima@dima-TUF-GAMING-FX504GD-FX80GD:-/PycharmProjects/pythonProject2/lab_29/my_project$ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
January 24, 2023 - 14:25:30
Django version 4.1.5, using settings 'base.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[24/Jan/2023 14:26:10] "GET / HTTP/1.1" 200 10083
[24/Jan/2023 14:26:10] "GET / HTTP/1.1" 200 10083
[24/Jan/2023 14:26:10] "GET / static/rest_framework/css/bootstrap.min.css HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/css/bootstrap.min.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/css/prettify.css HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/css/default.css HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/csrf.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/csrf.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/gajax-form.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/jafax-form.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/default.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/default.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:10] "GET / static/rest_framework/js/prettify-min.js HTTP/1.1" 304 0
[
```