```
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] naponь 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) . Onepauma не позволена
dima@dima-TUF-GAMING-FX504GD-FX80GD:~$ sudo kill 1158
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 kill 1468
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

```
disa@dism-TUF-GANING-FXSGGG-FXBGGS:/fycharmProjects/pythonProject2/lab_29/sy_project$ docker run --name my_project -p $432:5432 -e POSTGRES_USER=postgres -e POSTGRES_PASSWGRD-lab_29 -e POSTGRES_DB-lab_29 -d postgres:15.1 Unable to find image 'postgres:15.1' locally

5.1: Pulling from library/postgres

87/GG-VASFFGA: Pulling fs layer

688ds/Daba59. Pull complete

856dc-086fGa: Pull complete

856dc-086fGa: Pull complete

856dc-086fGa: Pull complete

855dc-18705: Pull complete

855dc-18705: Pull complete

858ds-375473: Pull complete

8058ds-375473: Pull complete

8058ds-375473: Pull complete

825DdB51ff3: Pull complete

825DdB651ff3: Pull complete

825DdB651ff3: Pull complete

825DdB651ff3: Pull complete

82772bd872f7: Pull complete
```

```
DATABASES = {

    "default": {

        "ENGINE": "django.db.backends.postgresql_psycopg2",
        "NAME": "lab_29",
        "USER": "postgres",
        "PASSWORD": "lab_29",
        "HOST": "127.0.0.1",
        "PORT": "5432",
    }

}
```

```
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

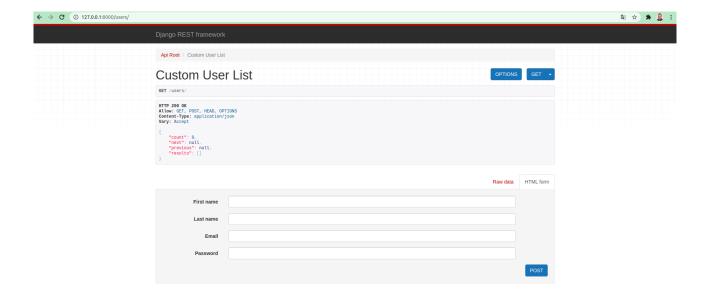
dima@dima-TUF-6AMING-FX5846D-FX886D:~/PycharmProjects/pythonProject2/lab_29/my_project$ docker ps

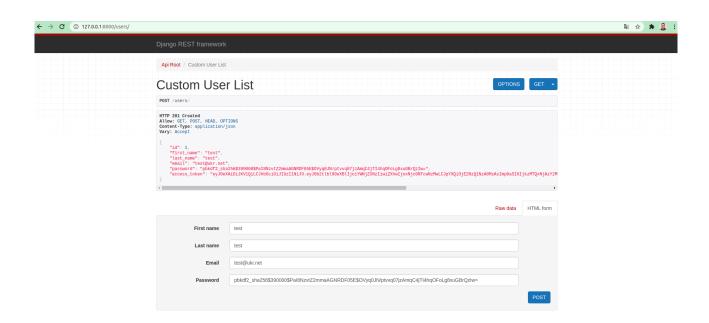
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

e77f3e8660d2b 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
 \textbf{Apply all migrations:} \  \, \text{admin, auth, contenttypes, posts, sessions} \\
 Applying contenttypes.0001_initial... OK
 Applying auth.0005_alter_user_last_login_null... OK
 Applying auth.0006_require_contenttypes_0002... OK
 Applying auth.0007 alter validators add error messages... OK
 Applying auth.0008_alter_user_username_max_length... OK
 Applying auth.0010_alter_group_name_max_length... OK
 Applying auth.0012_alter_user_first_name_max_length... OK
 Applying posts.0001_initial... OK
 Applying admin.0001_initial... OK
 Applying admin.0003_logentry_add_action_flag_choices... OK
 Applying sessions.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 <a href="http://127.0.0.1:8000/">http://127.0.0.1:8000/</a>
```





```
dima@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 <a href="http://127.0.0.1:8000/">http://127.0.0.1:8000/</a>
Quit the server with CONTROL-C.
[24/Jan/2023 14:26:16] "GET / HITP/1.1" 200 10083
[24/Jan/2023 14:26:16] "GET / static/rest_framework/css/bootstrap.min.css HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/css/bootstrap.min.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/css/prettify.css HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/css/prettify.css HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/csrf.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/csrf.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/ajax-form.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/default.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/default.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/default.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16] "GET / static/rest_framework/js/prettify-min.js HTTP/1.1" 304 0
[24/Jan/2023 14:26:16]
```