

Lección 6: Actividad para portafolios nro. 6

“Gestión avanzada de usuarios y grupos en el sitio administrativo de Django”

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Objetivo: Utilizar y personalizar el sitio administrativo de Django para gestionar usuarios y grupos de manera eficiente.

1. Creación de un superusuario:

a. Utiliza manage.py para crear un super usuario

```
TERMINAL  SQL CONSOLE  PowerShell Extension - gestor +
• (venv) PS C:\Users\DivalCL\Desktop\dev\portafolio-py-mod6\actividad6\gestor> python manage.py createsuperuser
Username (leave blank to use 'divalcl'): njofre
Email address: n@n.cl
Password:
Password (again):
This password is too common.
Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.
```

2. Limitando el acceso al sitio administrativo:

a. Personaliza el archivo admin.py en tu aplicación para limitar el acceso a ciertos modelos solo a superusuarios

```
admin.py U X
1  from django.contrib import admin
2  from .models import TuModelo
3
4  @admin.register(TuModelo)
5  class TuModeloAdmin(admin.ModelAdmin):
6      list_display = ('Nombre', 'Apellido', 'Direccion')
7
```

3. Creación y acceso al sitio administrativo:

a. Inicia el servidor de administración

```
TERMINAL  SQL CONSOLE  PowerShell Extension - ge
• (venv) PS C:\Users\DivalCL\Desktop\dev\portafolio-py-mod6\actividad6\gestor> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
April 29, 2024 - 12:07:11
Django version 5.0.4, using settings 'gestor.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

4. Manejo de usuarios y grupos:

a. Explora las opciones para crear, modificar y eliminar usuarios y grupos en el sitio administrativo.

Change user

njofre

HISTORY

Username:

njofre

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password:

algorithm: pbkdf2_sha256 iterations: 720000 salt: 0JAymW***** hash: KDVH8U*****

Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using this form.

Personal info

First name:

Last name:

Email address:

n@n.cl

Permissions

☒ Active

Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

☒ Staff status

Designates whether the user can log into this admin site.

☒ Superuser status

Designates that this user has all permissions without explicitly assigning them.

b. Asigna usuarios a grupos y gestiona permisos por usuario.

Groups:

Available groups

Filter

Vendedores

Administradores

Choose all

Chosen groups

Filter

Técnicos

Remove all

The groups this user belongs to. A user will get all permissions granted to each of their groups. Hold down "Control", or "Command" on a Mac, to select more than one.

User permissions:

Available user permissions

Filter

Administration | log entry | Can change log entry

Administration | log entry | Can delete log entry

Administration | log entry | Can view log entry

Administrativoapp | tu modelo | Can add tu modelo

Administrativoapp | tu modelo | Can delete tu modelo

Authentication and Authorization | group | Can add group

Authentication and Authorization | group | Can change group

Authentication and Authorization | group | Can delete group

Authentication and Authorization | group | Can view group

Authentication and Authorization | permission | Can add permission

Authentication and Authorization | permission | Can change permission

Authentication and Authorization | permission | Can delete permission

Choose all

Chosen user permissions

Filter

Administrativoapp | tu modelo | Can change tu modelo

Administrativoapp | tu modelo | Can view tu modelo

Remove all

Specific permissions for this user. Hold down "Control", or "Command" on a Mac, to select more than one.

5. Personalización de vistas en el sitio administrativo:

a. Personaliza las vistas de administración creando clases 'ModelAdmin'

```
models.py U X
1  from django.db import models
2
3  class TuModelo(models.Model):
4      Nombre = models.CharField(max_length=100)
5      Apellido = models.IntegerField()
6      Direccion = models.BooleanField()
7
```