

CRUD y auth

crear virtual environment

```
py -m venv venv
```

```
.\venv\Scripts\activate
```

```
(venv) PS C:\Users\Felip\OneDrive\Escritorio\django-crud-auth>
```

```
django-admin --version
```

crear proyecto Django

```
django-admin startproject.djangocrud .
```

crear app dentro de Django

```
python manage.py startapp tasks
```

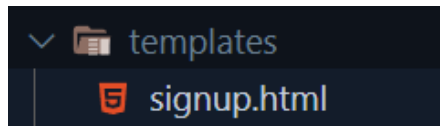
```
.djangocrud > settings.py > ...
33 INSTALLED_APPS = [
34     'django.contrib.admin',
35     'django.contrib.auth',
36     'django.contrib.contenttypes',
37     'django.contrib.sessions',
38     'django.contrib.messages',
39     'django.contrib.staticfiles',
40     'tasks'
41 ]
```

hello world y url

```
tasks > views.py > ...
1  from django.shortcuts import render
2  from django.http import HttpResponse
3
4  # Create your views here.
5  def helloworld(request):
6      return HttpResponse('Hello world')
```

```
.djangocrud > urls.py > ...
20
21 urlpatterns = [
22     path('admin/', admin.site.urls),
23     path('', views.helloworld),
24 ]
```

crear carpeta templates, vista signup y render()



```
tasks > templates > signup.html > h1
1 <h1>sign up</h1>
```

```
tasks > views.py > ...
1 from django.shortcuts import render
2
3 # Create your views here.
4 def helloworld(request):
5     return render(request, 'signup.html')
```

formulario de crear usuarios

```
tasks > views.py > ...
1 from django.shortcuts import render
2 from django.contrib.auth.forms import UserCreationForm
3
4 # Create your views here.
5 def helloworld(request):
6     return render(request, 'signup.html', {
7         'form': UserCreationForm
8     })
```

```
tasks > templates > signup.html > ...
1 <h1>sign up</h1>
2
3 <form action="">
4     {{form.as_p}}
5 </form>
```

formulario de usuarios con url con nombres

```
djangocrud > urls.py > ...
17 from django.contrib import admin
18 from django.urls import path
19 from tasks import views
20
21 urlpatterns = [
22     path('admin/', admin.site.urls),
23     path('', views.home, name='home'),
24     path('signup/', views.signup, name='signup'),
25 ]
```

```
tasks > views.py > ...
1 from django.shortcuts import render
2 from django.contrib.auth.forms import UserCreationForm
3
4 # Create your views here.
5 def home(request):
6     return render(request, 'home.html')
7
8 def signup(request):
9     return render(request, 'signup.html', {
10         'form': UserCreationForm
11     })
```

validar envío y obtención de datos

```
def signup(request):  
    if request.method == 'GET':  
        print('enviando formulario')  
    else:  
        print(request.POST)  
        print('obteniendo datos')  
    return render(request, 'signup.html', {  
        'form': UserCreationForm  
    })
```

```
10 def signup(request):  
11  
12     if request.method == 'GET':  
13         return render(request, 'signup.html', {  
14             'form': UserCreationForm  
15         })  
16     else:  
17         if request.POST['password1'] == request.POST['password2']:  
18             try:  
19                 user = User.objects.create_user(username=request.POST['username'],  
20                                                  password=request.POST['password1'])  
21                 user.save()  
22                 return HttpResponse('usuario creado exitosamente')  
23             except:  
24                 return HttpResponse('usuario ya existe')  
25         return HttpResponse('passowrds do not match')
```