

Practica 6 – Crear vistas mediante clases

Importar de `django.view` la librería `generic`

```
views.py
1 from django.shortcuts import render
2 from .models import Tweet
3 from .forms import FormCreate
4 from django.views import generic
```

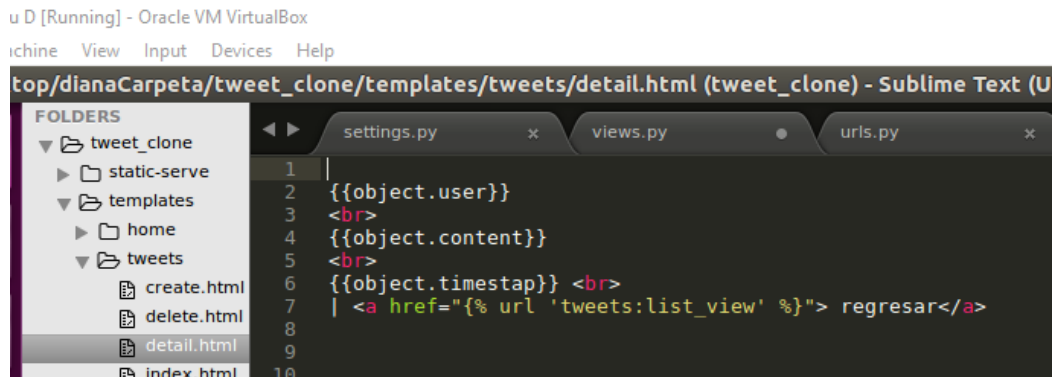
En el archivo `view.py` escribir las clases con las que sustituiremos a los métodos que definimos anteriormente

```
Running] - Oracle VM VirtualBox
View Input Devices Help
/dianaCarpeta/tweet_clone/tweets/views.py (tweet_clone) - Sublime Text (UNREGISTERED)
0
1 def index(request):
2     context={"message":"Este es un mensaje desde la vista index","numero":6578,"array":[1,2,3,4],
3         "dic":{"a":12,"b":23}}
4     return render(request, "tweets/index.html", context)
5
6 class ListTweets(generic.ListView):
7     template_name="tweets/list_tweets.html"
8     model=Tweet
9
10 class Create(generic.CreateView):
11     template_name="tweets/create.html"
12     model=Tweet
13     fields=("content")
14     success_url="/list_tweet/"
15
16 def create(request):
17     form=FormCreate(request.POST or None)
18     if request.POST:
19         if form.is_valid():
20             form.save()
21         else:
22             form=FormCreate(request.POST or None)
23     context={"form":form}
24     return render(request, "tweets/create.html", context)
25
26 class UpdateTweet(generic.UpdateView):
27     template_name="tweets/update.html"
28     model=Tweet
29     fields=("content")
30     success_url="/list_tweet/"
31
32 class DeleteTweet(generic.DeleteView):
33     template_name="tweets/delete.html"
34     model=Tweet
35     success_url="/list_tweet/"
```

Sera necesario modificar el archivo `urls.py` y agregar las clases creadas en el archivo `views.py` con las extensión `.as_view()` y en caso de ser una url dinámica se tendrá que cambiarcambiar los id por `pk`

```
[Running] - Oracle VM VirtualBox
Machine View Input Devices Help
top/dianaCarpeta/tweet_clone/tweets/urls.py (tweet_clone) - Sublime Text (UNREGISTERED)
FOLDERS
tweet_clone
static-serve
templates
tweet_clone
_pycache_
static-storage
_init_.py
settings.py
urls.py
wsgi.py
tweets
_pycache_
migrations
_init_.py
admin.py
1 from django.contrib import admin
2 from django.urls import path
3
4 from tweets import views
5 app_name="tweets"
6
7 urlpatterns = [
8
9     path('',views.index, name="index_view"),
10    path('list_tweet/',views.ListTweets.as_view(),name="list view"),
11    path('detail_tweet/<int:pk>',views.DetailTweet.as_view(),name="detail_view"),
12    path('create/',views.Create.as_view(), name="create view"),
13    path('update/<int:pk>',views.UpdateTweet.as_view(),name="update_view"),
14    path('delete/<int:pk>',views.DeleteTweet.as_view(), name="delete_view"),
15 ]
```

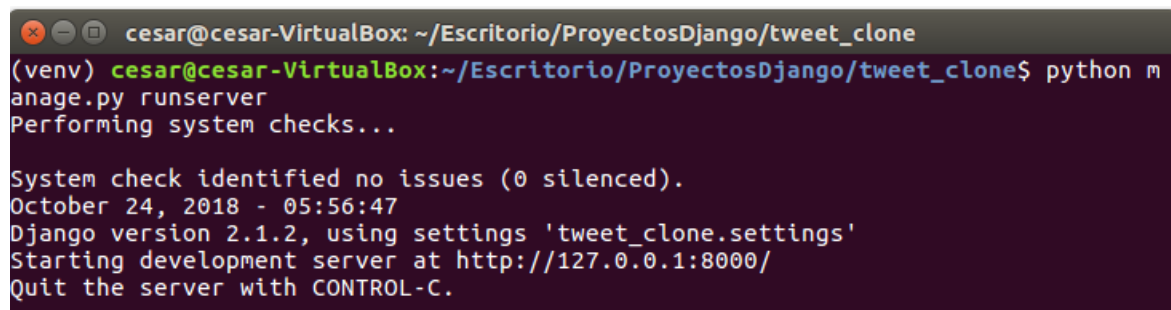
Modificar de la siguiente forma nuestros archivos html, cambiando el valor que agregamos en los métodos por el objeto object



The screenshot shows the Sublime Text editor with the file `top/dianaCarpeta/tweet_clone/templates/tweets/detail.html` open. The left sidebar shows the project structure with folders `tweet_clone`, `static-serve`, `templates`, `home`, and `tweets`. The `tweets` folder contains `create.html`, `delete.html`, `detail.html`, and `index.html`. The main editor area shows the content of `detail.html` with the following code:

```
1 |  
2 {{object.user}}  
3 <br>  
4 {{object.content}}  
5 <br>  
6 {{object.timestamp}} <br>  
7 | <a href="{% url 'tweets:list_view' %}"> regresar</a>  
8  
9  
10
```

Iniciamos el servidor y entramos localhost: 8000 para comprobar si se aplicaron los cambios que realizamos y se muestra nuestra vista



The screenshot shows a terminal window with the following output:

```
cesar@cesar-VirtualBox: ~/Escritorio/ProyectosDjango/tweet_clone  
(venv) cesar@cesar-VirtualBox:~/Escritorio/ProyectosDjango/tweet_clone$ python manage.py runserver  
Performing system checks...  
  
System check identified no issues (0 silenced).  
October 24, 2018 - 05:56:47  
Django version 2.1.2, using settings 'tweet_clone.settings'  
Starting development server at http://127.0.0.1:8000/  
Quit the server with CONTROL-C.
```

