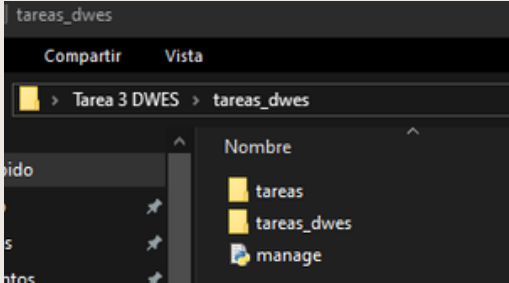# TAREA 3

DESARROLLO WEB ENTORNO SERVIDOR

Diego Pérez Rojas

Parte 1. Creación del proyecto django
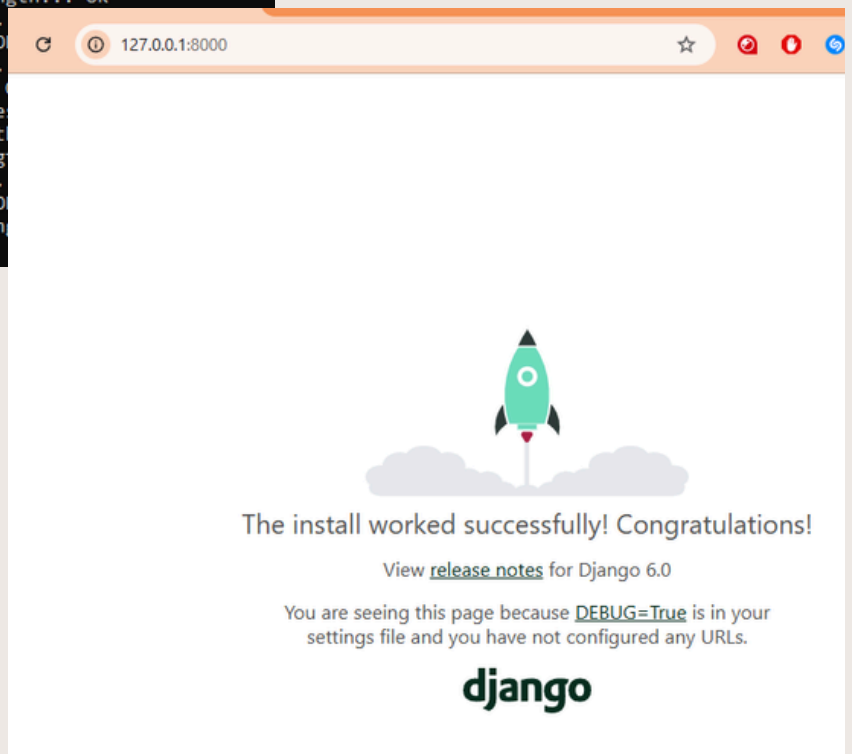
Carpetas y apps

Archivo settings de tareas

```python
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'tareas',
]
```

```
C:\Users\Diego\Desktop\Tarea 3 DWES\tareas_dwes>python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length..
  Applying auth.0004_alter_user_username_opts... O
  Applying auth.0005_alter_user_last_login_null...
  Applying auth.0006_require_contenttypes_0002...
  Applying auth.0007_alter_validators_add_error_me
  Applying auth.0008_alter_user_username_max_lengt
  Applying auth.0009_alter_user_last_name_max_leng
  Applying auth.0010_alter_group_name_max_length..
  Applying auth.0011_update_proxy_permissions... O
  Applying auth.0012_alter_user_first_name_max_len
  Applying sessions.0001_initial... OK
```

127.0.0.1:8000

The install worked successfully! Congratulations!

View release notes for Django 6.0

You are seeing this page because DEBUG=True is in your
settings file and you have not configured any URLs.

django

Parte 2. Desarrollo del modelo "Tareas"

Archivo models.py

```python
from django.db import models

# Create your models here.
import uuid
from django.db import models

class Tarea(models.Model):
    id = models.UUIDField(
        primary_key=True,
        default=uuid.uuid4,
        editable=False
    )
    titulo = models.CharField(max_length=100)
    descripcion = models.TextField()
    completada = models.BooleanField(default=False)
    fecha_creacion = models.DateTimeField(auto_now_add=True)
    fecha_recordatorio = models.DateTimeField()

    def __str__(self):
        return self.titulo
```

Migración

```
C:\Users\Diego\Desktop\Tarea 3 DWES\tareas_dwes>python manage.py makemigrations
Migrations for 'tareas':
  tareas\migrations\0001_initial.py
    + Create model Tarea

C:\Users\Diego\Desktop\Tarea 3 DWES\tareas_dwes>python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions, tareas
Running migrations:
  Applying tareas.0001_initial... OK
```

Parte 3. Creación de la vista y la template para mostrar una Tarea

Archivo views.py

```python
# Create your views here.
from django.views.generic import DetailView
from .models import Tarea

class DetalleTarea(DetailView):
    model = Tarea
    template_name = 'tareas/detalle_tarea.html'
    context_object_name = 'tarea'
```

Parte 4. Creación de la vista y la template para mostrar una Tarea

Creación archivo tareas/urls.py

```python
# Create your views here.
from django.views.generic import DetailView
from .models import Tarea

class DetalleTarea(DetailView):
    model = Tarea
    template_name = 'tareas/detalle_tarea.html'
    context_object_name = 'tarea'
```

Urls

```python
from django.contrib import admin
from django.urls import path
from .views import DetalleTarea

urlpatterns = [
    path('admin/', admin.site.urls),
    path('tarea/<uuid:pk>/', DetalleTarea.as_view(), name='detalle_tarea'),
```

```python
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('tareas.urls')),
```

Template

```html
<!DOCTYPE html>
<html lang="es">
<head>
    <meta charset="UTF-8">
    <title>Detalle de la tarea</title>
</head>
<body>
    <h1>{{ tarea.titulo }}</h1>

    <p><strong>Descripción:</strong> {{ tarea.descripcion }}</p>
    <p><strong>Completada:</strong> {{ tarea.completada }}</p>
    <p><strong>Creada:</strong> {{ tarea.fecha_creacion }}</p>
    <p><strong>Recordatorio:</strong> {{ tarea.fecha_recordatorio }}</p>
</body>
</html>
```

Visión del navegador