Creating a **To-Do List** project using the Django framework is a great choice for a beginner. Below is a step-by-step guide to help you:

**1. Set up your Django Project**

1. **Install Django**:
2. pip install django
3. **Create a Django Project**:
4. django-admin startproject todoproject
5. cd todoproject
6. **Create a Django App**:
7. python manage.py startapp todoapp
8. **Register the App**: Open todoproject/settings.py and add 'todoapp' to the INSTALLED\_APPS list:
9. INSTALLED\_APPS = [
10. 'django.contrib.admin',
11. 'django.contrib.auth',
12. ...
13. 'todoapp',
14. ]

**2. Define Models**

Open todoapp/models.py and define a Task model:

from django.db import models

class Task(models.Model):

title = models.CharField(max\_length=200)

completed = models.BooleanField(default=False)

def \_\_str\_\_(self):

return self.title

Run migrations:

python manage.py makemigrations

python manage.py migrate

**3. Create Views**

Open todoapp/views.py and add these views:

from django.shortcuts import render, redirect

from .models import Task

def task\_list(request):

tasks = Task.objects.all()

return render(request, 'todoapp/task\_list.html', {'tasks': tasks})

def add\_task(request):

if request.method == 'POST':

title = request.POST['title']

Task.objects.create(title=title)

return redirect('task\_list')

return render(request, 'todoapp/add\_task.html')

def delete\_task(request, task\_id):

task = Task.objects.get(id=task\_id)

task.delete()

return redirect('task\_list')

**4. Set Up URLs**

Create a file todoapp/urls.py:

from django.urls import path

from . import views

urlpatterns = [

path('', views.task\_list, name='task\_list'),

path('add/', views.add\_task, name='add\_task'),

path('delete/<int:task\_id>/', views.delete\_task, name='delete\_task'),

]

Include this in the main urls.py of the project (todoproject/urls.py):

from django.contrib import admin

from django.urls import path, include

urlpatterns = [

path('admin/', admin.site.urls),

path('', include('todoapp.urls')),

]

**5. Create Templates**

1. **Structure Static and Template Folders**:
   * Create folders as follows:
   * todoapp/
   * templates/
   * todoapp/
   * static/
   * css/
   * js/
2. **Add Templates**:
   * **task\_list.html**:
   * <!DOCTYPE html>
   * <html>
   * <head>
   * <title>To-Do List</title>
   * <link rel="stylesheet" href="{% static 'css/styles.css' %}">
   * </head>
   * <body>
   * <h1>To-Do List</h1>
   * <ul>
   * {% for task in tasks %}
   * <li>
   * {{ task.title }}
   * <a href="{% url 'delete\_task' task.id %}">Delete</a>
   * </li>
   * {% endfor %}
   * </ul>
   * <a href="{% url 'add\_task' %}">Add Task</a>
   * </body>
   * </html>
   * **add\_task.html**:
   * <!DOCTYPE html>
   * <html>
   * <head>
   * <title>Add Task</title>
   * <link rel="stylesheet" href="{% static 'css/styles.css' %}">
   * </head>
   * <body>
   * <h1>Add Task</h1>
   * <form method="POST">
   * {% csrf\_token %}
   * <input type="text" name="title" placeholder="Task Title" required>
   * <button type="submit">Add</button>
   * </form>
   * <a href="{% url 'task\_list' %}">Back to List</a>
   * </body>
   * </html>
3. **Add CSS**:
   * Create a styles.css file in todoapp/static/css/:
   * body {
   * font-family: Arial, sans-serif;
   * margin: 20px;
   * }
   * ul {
   * list-style-type: none;
   * padding: 0;
   * }
   * li {
   * margin: 5px 0;
   * }
   * a {
   * margin-left: 10px;
   * color: red;
   * text-decoration: none;
   * }
4. **Include Static Files**: Add this line to todoproject/settings.py:
5. STATIC\_URL = 'static/'

**6. Run the Project**

1. Start the server:
2. python manage.py runserver
3. Open your browser and visit:
   * http://127.0.0.1:8000/ to view the task list.
   * http://127.0.0.1:8000/add/ to add a new task.

Let me know if you need any further help!