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django-admin startproject backend
cd backend
python manage.py startapp notes

manage.py
import os
import sys

def main():
    os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'backend.settings')
    from django.core.management import execute_from_command_line
    execute_from_command_line(sys.argv)

if __name__ == '__main__':
    main()

backend/settings.py
import os
from pathlib import Path
from dotenv import load_dotenv

load_dotenv()

BASE_DIR = Path(__file__).resolve().parent.parent

SECRET_KEY = os.getenv('DJANGO_SECRET_KEY')
DEBUG = int(os.getenv('DEBUG', 1))

ALLOWED_HOSTS = ['*']

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'notes',
]

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
]

ROOT_URLCONF = 'backend.urls'

}

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STATIC_URL = '/static/'

notes/models.py
from django.db import models

class Note(models.Model):
    title = models.CharField(max_length=100)
    content = models.TextField()
    created_at = models.DateTimeField(auto_now_add=True)

    def __str__(self):
        return self.title

notes/views.py
from django.http import JsonResponse
from .models import Note
from django.views.decorators.csrf import csrf_exempt

import json

@csrf_exempt
def notes_list(request):
    if request.method == 'GET':
        notes = list(Note.objects.values())
        return JsonResponse(notes, safe=False)

    elif request.method == 'POST':
        data = json.loads(request.body)
        note = Note.objects.create(title=data['title'],
content=data['content'])
        return JsonResponse({'id': note.id, 'message': 'Note created
successfully'})

notes/urls.py
from django.urls import path
from . import views

urlpatterns = [
    path('notes/', views.notes_list),
]

backend/urls.py
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('notes.urls')),
]

Run Commands
python manage.py makemigrations

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python manage.py migrate  
python manage.py runserver
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