

Code Aggregation Report: imagesearch

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File Structure

```
imagesearch/  
■  __init__.py  
■  asgi.py  
■  settings.py  
■  urls.py  
■  wsgi.py
```

File Contents

`__init__.py`

`asgi.py`

```
"""  
ASGI config for imagesearch project.  
  
It exposes the ASGI callable as a module-level variable named ``application``.  
  
For more information on this file, see  
https://docs.djangoproject.com/en/6.0/howto/deployment/asgi/  
"""  
  
import os  
  
from django.core.asgi import get_asgi_application  
  
os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'imagesearch.settings')  
  
application = get_asgi_application()
```

`settings.py`

```
"""  
Django settings for imagesearch project.  
  
Generated by 'django-admin startproject' using Django.  
"""  
  
from pathlib import Path  
import os
```

```

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent

# Quick-start development settings - unsuitable for production
# See https://docs.djangoproject.com/en/5.0/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = 'django-insecure-change-me-later-for-production'

# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True

ALLOWED_HOSTS = ['*']

# Application definition

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

    # --- YOUR APP IS HERE ---
    'search_api',
]

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',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]

ROOT_URLCONF = 'imagesearch.urls'

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        # --- IMPORTANT: Pointing to your root 'templates' folder ---
        'DIRS': [BASE_DIR / 'templates'],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]

WSGI_APPLICATION = 'imagesearch.wsgi.application'

# Database
# https://docs.djangoproject.com/en/5.0/ref/settings/#databases

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.sqlite3',
        'NAME': BASE_DIR / 'db.sqlite3',
    }
}

# Password validation

```

```

# https://docs.djangoproject.com/en/5.0/ref/settings/#auth-password-validators
AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]

# Internationalization
# https://docs.djangoproject.com/en/5.0/topics/i18n/
LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'UTC'

USE_I18N = True

USE_TZ = True

# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/5.0/howto/static-files/
STATIC_URL = 'static/'

# Default primary key field type
# https://docs.djangoproject.com/en/5.0/ref/settings/#default-auto-field
DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'

# --- CUSTOM SETTINGS ---
# Allow uploads up to 10MB
DATA_UPLOAD_MAX_MEMORY_SIZE = 10485760

```

urls.py

```

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

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

    # This connects the root URL directly to your search app
    path('', include('search_api.urls')),
]

```

wsgi.py

```

"""
WSGI config for imagesearch project.

It exposes the WSGI callable as a module-level variable named ``application``.

For more information on this file, see

```

```
https://docs.djangoproject.com/en/6.0/howto/deployment/wsgi/
"""
```

```
import os
```

```
from django.core.wsgi import get_wsgi_application
```

```
os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'imagesearch.settings')
```

```
application = get_wsgi_application()
```