

## Tailwind in Django / Admin Panel

### Tailwind

```
python -m pip install django-tailwind
```

```
python -m ensurepip --upgrade
```

```
python -m pip install --upgrade pip
```

```
pip install 'django-tailwind[reload]'
```

### Main Project ( settings.py )

```
INSTALLED_APPS = [  
    'tailwind',  
]
```

### Command

```
python manage.py tailwind init
```

Note - An option for tailwind folder name

### Main Project ( Settings.py )

```
INSTALLED_APPS = [  
    'theme',  # @@@@  
]
```

This is default name. If you want then  
have to change this name

## Main Project (settings.py)

TAILWIND\_APP\_NAME = 'theme'  
INTERNAL\_IPS = ['127.0.0.1']

Before MIDDLEWARE  
After INSTALLED\_APPS

### Install Tailwind

python manage.py tailwind install

Note -> Getting Error (solution)

### ⇒ settings.py

NPM\_BIN\_PATH = '/usr/bin/npm'

getting npm path

win  
or  
"

which npm

where npm

~~Error~~ Note -> May be

You will getting so many error.

### Configure hot reload (settings.py)

INSTALLED\_APPS = [

'django\_browser\_reload',

]

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(settings.py) | (Main Project)

MIDDLEWARE = [

"django\_browser\_reload.middleware.BrowserReloadMiddleware",

]

urls.py (Main Project)

urlpatterns = [

path("\_\_reload\_\_/", include("django\_browser\_reload.urls")),

]

HTML

\$% load static tailwind\_dogs %

<head>

\$% tailwind\_css %

</head>

Start Tailwind

python manage.py tailwind start

## Admin Panel

i. python manage.py migrate

Note -> Now able to visit admin panel

ii. Create superuser

⇒ On python manage.py createsuperuser

Username - ned

Email

password - Red@7566

## Handle model on web (Database)

### Change password

python manage.py changepassword user

### Create models (App / models.py)

from django.db import models

from django.utils import timezone

```
class Lessons(models.Model):
```

LESSON\_CHOICE = [

('lesson1', '1'),

('lesson2', '2'),

('lesson3', '3'),

('lesson4', '4'),

]

name = models.CharField(max\_length=100)

This is folder name

image = models.ImageField(upload\_to='lessons/')

date\_added = models.DateTimeField(default=timezone.now)

type = models.CharField(max\_length=2, choices=LESSON\_CHOICE)

### → Handle Pillow

Python -m pip install Pillow

### → Main Settings (settings.py)

(Note - Add After STATIC)

MEDIA\_URL = 'static'

MEDIA\_URL = '/media'

MEDIA\_ROOT = os.path.join(BASE\_DIR, 'media')

### → Main URLs (urls.py)

from django.conf import settings

from django.conf.urls.static import static

urlpatterns = [

] + static(settings.MEDIA\_URL, document\_root=settings.MEDIA\_ROOT)

### → Migrations

- python manage.py makemigrations lessons app

python manage.py migrate

[ get the migrations folder after run this command ]

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## Inside of App (admin.py)

```
from django.contrib import admin  
from .models import sessions  
admin.site.register(sessions)
```

this is models.py class name

### Note

Go to the admin and share some data.

## Get Data

### App Views.py (App - views.py)

```
from .models import sessions
```

# which page you want to render

```
def all_app(request):
```

session = sessions.objects.all()

```
return render(request, 'all-app.html', {'lesson': session})
```

this is class name

Inside of 'App' Html (all-app.html) Any

{% extends "index.html" %}

{% block title %}

All lesson

{% endblock %}

{% block content %}

<h1> All lesson </h1>

{% for lessa in lesson %}

<div class = " " >

<img src = "{{ lessa.image.url }} " alt = " " >

</div>

{% endfor %}

{% endblock %}

This variable which is in views.py

Select data (id)

Apps (views.py)

from django.shortcuts import get\_object\_or\_404

# Add new method

```
def lesson_details(request, lesson_id):
    lesson = get_object_or_404(Lesson, id=lesson_id)
    return render(request, 'page/lesson-details.html', {'lesson': lesson})
```

urls.py (Apps)

urlpatterns = [
 path('lesson//', views.lesson\_details, name='lesson-detail'),
]

HOME Page (where show output)

```
<h1> {{ lesson.name }}</h1>

<p>{{ lesson.description }}</p>
<p> Added on: {{ lesson.date_added }}</p>
```

This is views.py  
Key's value  
name

Expt. No. \_\_\_\_\_

Date \_\_\_\_\_

Page No. \_\_\_\_\_

Where you want to route

route name which is defined in name section

```
<a href="#">${route 'session-detail' session.id} </a>
```

button

2(a)