

Django

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* Configuring existence of global templates directory —

> venv

> my project

 > myproject

> templates

 > base.html

 > contact.html

 > navbar.html

 > footer.html

> static

 > style.css

 > imgA.png

> manage.py

settings.py

TEMPLATES =

[
 {
 "DIRS": [

 "DIRS": ["templates"]]

* Configuration of global static directory

settings.py

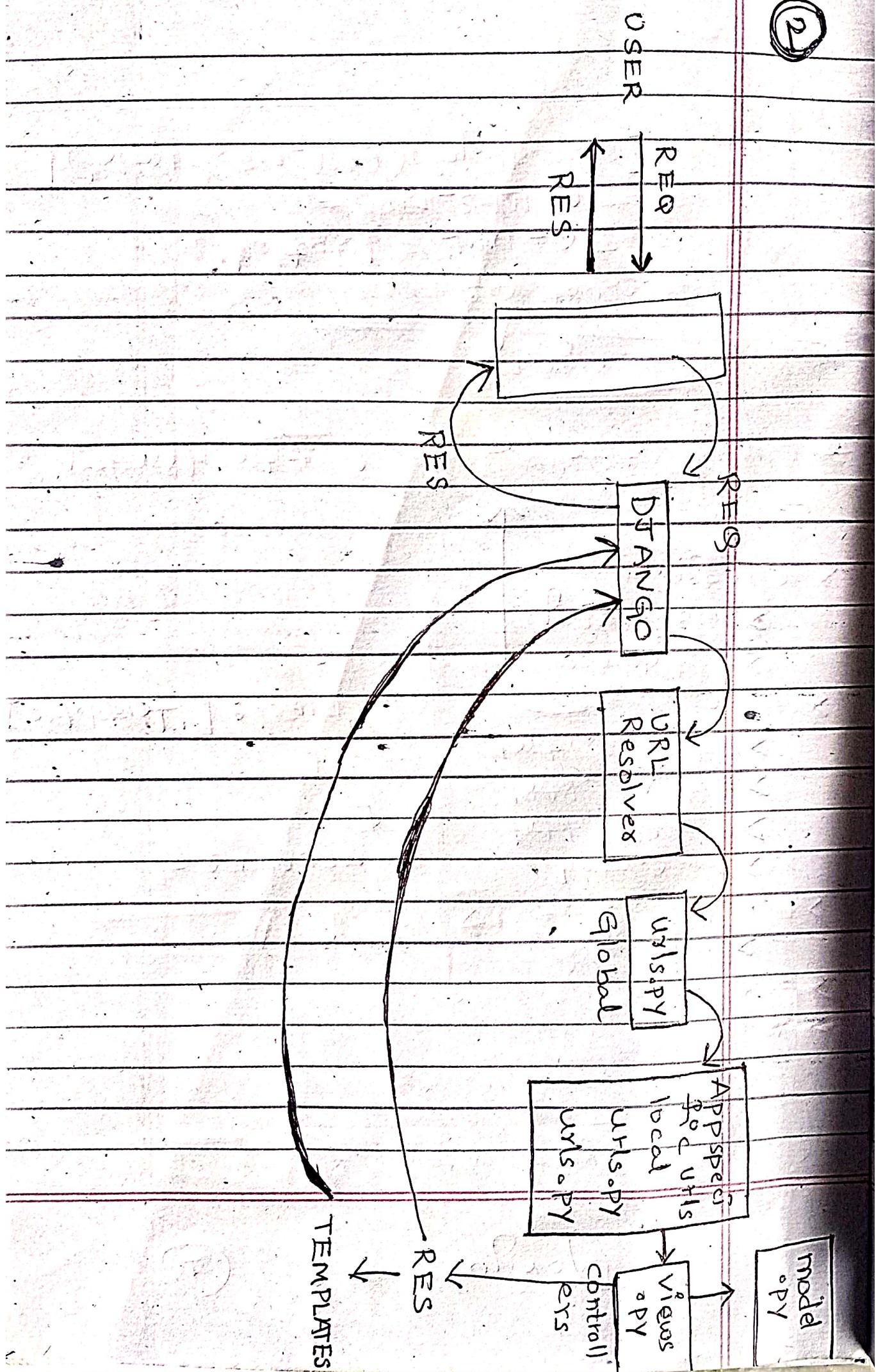
import os

STATIC_URL = 'static/'

STATICFILES_DIRS =

[os.path.join(BASE_DIR, 'static')]

②



(3)

* create an app and configure it in settings.py then

> .venv
> myproject
> myapp
 > templates → local templates dir
 > app.py
 > views.py
 > urls.py
 > myproject
 > static ⇒ global static dir
 > templates ⇒ global templates dir
 > manage.py

local templates
first preference
over global dir and
> allchai.html
global need configuration if
don't need configuration
set settings.py as an
registered app.

↓
views.py of myapp

```
def all_chai(request):  
    return render(request,  
                 'allchai.html')
```

Configure
in
settings.
py

Copy the template_boilerplate code of
global urls.py into local myapp
urls.py and edit:-

(4)

```
myapp/urls.py
from django.urls import path
from . import views

urlpatterns = [
    path('', views.home, name='home'),
]
```

then hook this app's urls.py to
global urls.py

global or project urls.py

```
# pre-existing code
urlpatterns = [
    path('myapp/', include('myapp.urls')),
]
```

(5)

Now,
this url requests will be
redirected to global urls.py
<https://localhost:8000/>
→ home route.

this url request will be
redirected to myapp urls.py
<https://localhost:8000/myapp>
→ home route of
myapp.

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* \Rightarrow template: dynamic python + html
~~x.html~~

{% load static %} \Rightarrow without this tag

template will give
error.

(In images or
hitesh tutorial)

* template inheritance | layout.html

\Rightarrow <title>

{% block title %} %

Default value to display in case no

value overridden here in extended
template

{% endblock %}

</title>

</head>

<body>

<nav> navigation bar code for
fixed layout for all templates
inheriting or extending this
template </nav>

{% block content %} %

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</body>

page.html

{% extends "layout.html" %}

↳ extends layout.html as

parent from global
templates directory

{% block title %}

Page home page

{% endblock %}

{% block content %}

<h1> Page content goes here

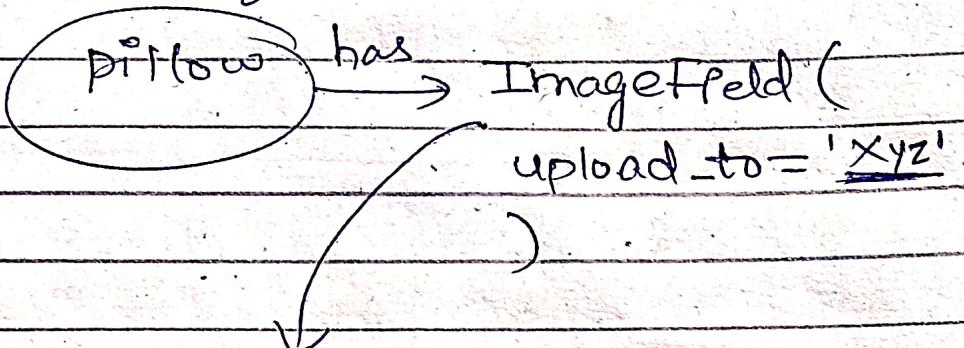
</h1>

{% endblock %}

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medialimages configuration

- * Django needs pillow package to identify an image and store its metadata & dimensions.



to use this field in your models, you need pillow package and media configuration.

Then:

settings.py

MEDIA_URL = '/media'

MEDIA_ROOT = os.path.join(

BASE_DIR,

'media'

all uploaded images will be saved in this media dir
(path)

urls.py

urlpatterns = [— — —] +

Static(settings.MEDIA_URL,
document_root=settings.MEDIA_ROOT)

Then: